**Oregon Community Colleges**

Catalog of

Lower Division Collegiate

Courses

**September 2001**

**Department of Community Colleges and Workforce Development**

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at the Department of Community Colleges and Workforce Development.

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LOWER DIVISION COLLEGIATE COURSES

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**INTRODUCTION**

Lower Division Collegiate (LDC) course approval is intended to facilitate the development of courses and curricula which are

generally accepted as freshman and sophomore level and which have content parallel to those offered at the state’s universities.

Statutory authority for LDC courses is granted in ORS 341.425. The State Board of Education administers LDC courses through

OAR 589-006-0200.

***What is a lower division collegiate course?***

LDC is defined as areas of instruction, including a representative range of academic and professional fields, which

 Parallel the offerings of the first two years of the four-year institutions;

 Carry regular college transfer credit; and

 Generally are accepted for transfer credit by higher education institutions.

The term ‘parallel’ is defined as meeting any of the following criteria:

 Courses have been adopted as part of the Oregon University System/community college common course numbering effort;

 Duplicate courses are or have been offered by Oregon University System institutions within the recent past;

 Content is similar in level and depth of investigation to that covered in other disciplines at the lower division level; e.g.,

Beginning Korean is similar to Beginning French; and

 Course is widely recognized as a lower division course on a regional or national basis.

Community colleges are not allowed to:

 Offer coursework that is generally accepted to be of an upper division level at Oregon University System institutions;

 Grant upper division credit; and

 Use collegiate level numbering (alpha numeric 100-299) o n courses normally offered during high school.

**What’s the difference between “Collegiate Level” and a “Lower Division Collegiate“ coarse?**

“Collegiate level” is a term that denotes more than college / university transfer courses.

Collegiate level also includes professional technical education coursework & other courses that exceed basic skills,

workplace readiness, and fundamental technical skills. They provide skills & information beyond what is normally

gained before or during the secondary school level. Collegiate level work is characterized by analysis, synthesis

and applications in which students demonstrate an integration of skills & critical thinking. Lower Division Collegiate

courses are collegiate level courses intended for use in fulfilling the requirements of an Associate of Arts or Science degree

and transfer into a baccalaureate program. LDC courses must meet all of the criteria stated above.

***When do I have to get a course approved?***

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All new LDC courses must be approved by the Department of Community Colleges and Workforce Development

(CCWD). Unlike professional technical education courses, inclusion of a new LDC course with professional

technical education program approval documents does not assure CCWD approval as a lower division collegiate

course. Separate “Application for Approval of New or Revised Courses: Lower Division Courses” forms must be

submitted to the CCWD Instruction Specialist.

***How do I use the lower division collegiate catalog?***

The LDC catalog is intended as a resource for community colleges to use in the course development and approval process. It should be used as a

guide, suggesting places to start looking for additional information on similar courses such as course outlines and courses equivalencies. Like

previous editions, if the course is included in the catalog, colleges may shortcut the approval process by simply notifying CCWD in writing of

the intent to offer the course. They do not need to submit a completed copy of the course approval form (found on**page 156** and at

ftp://159.121.128.138/downloads). Colleges should be aware, however, that just like completion of the approval form, they are certifying that

their research has shown their course will prepare students to meet substantially the same outcomes as other colleges offering that course.

Credit noted in the LDC catalog is generally the maximum credit approved for a course, and fewer credits may be offered without approval. If

course numbers, titles or descriptions vary significantly from those printed in the LDC catalog, separate course approvals are necessary. Courses

used to fulfill all but the electives portion of an AA-OT degree must be at lease three credits.

Courses marked with an asterisk (\*) in the LDC catalog are included in the statewide common course numbering system and may

need to be reviewed by discipline-based committees before approval if changes are significant.

This catalog is to be used as a guide in development of curriculum and as a tool in the course approval process. It is not to be

taken as a guarantee of course transferability. Courses found on the following pages of this catalog have been approved for at

least one community college, but course outcomes may vary and colleges are still responsible for confirming transferability of their

institution’s course with the appropriate Oregon University System institution(s).

**What is the lower division collegiate course approval process?**

The LDC course approval process involves four steps for community colleges:

1. The college completes its internal campus adoption process.

2. The college sends a completed “Application for Approval of New or Revised Courses: Lower Division Collegiate Courses” to

CCWD (see**page 156** or ftp://159.121.128.138/downloads).

3. CCWD evaluates, approves or denies the request, logs their response into CCWD records, and returns the form to the

college.

4. The college adopts the course if it is approved. A revised approval form may be submitted with changes and/or corrections if

the request was denied.

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**Key to column headings on the following catalog pages:**

**Main Subject and (\*):** The primary organizing subject is found in this column. An \* means that the course is included on the

Oregon University System and Community College Common Course Numbering List.

**Course #:** Selected alpha prefixes for lower division courses with course numbers 100-299. Courses with professional technical

alphas are not listed in this catalog but may transfer.

**Sub Subject Course #:** Secondary organizing course number used for sorting purposes.

**Title:** Course name.

**Description:** A brief description of topics covered in the course.

**CR:** Maximum approved credit hours to be awarded for completion of the course.

**CC Offer:** Community colleges offering this or a similar course are coded as follows. This information is included to assist

curriculum developers in locating courses similar to the ones they considering.

BM Blue Mountain

CE Central Oregon

CH Chemeketa

CL Clackamas

CG Columbia Gorge

CT Clatsop

KL Klamath

LA Lane

MH        Mount Hood

OC        Oregon Coast

PO        Portland

RO        Rogue

SW        Southwestern

TB        Tillamook Bay

TV        Treasure Valley

UM        Umpqua

LB Linn-Benton

**OUS CEQ:** Oregon University System institutions with web sites where course equivalency information can be found. Inclusion

here does not guarantee that the course is on their equivalency table but is provided as a place to begin checking for equivalency

information.

OSU Oregon State University

PSU Portland State University

SOU Southern Oregon University

UO University of Oregon

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **AGRICULTURE** | ANS  100 |  | Orientation to  Animal  Sciences | Orientation of incoming animal sciences students to college life with  emphasis on faculty, facilities, services and curricula of the Department of  Animal Sciences. Case study approach to decision making will be  introduced. | 2 |  |  |
|  | ANS  121 |  | Intro to Animal  Sciences | Principles of breeding, physiology, nutrition, and management as they  apply to modern livestock and poultry production. | 4 | BM,TV |  |
|  | ANS  207 |  | Soph Seminar  Careers Animal  Ag | Careers in Animal Agriculture Examination of career opportunities in  animal science. | 1 | CH, |  |
|  | ANS  210 |  | Applied Animal  Nutrition: F&P | Feeds and Feed Processing Characteristics of feedstuffs available for  livestock use. Major feed processing methods and their effects on the bio  availability of feed nutrients. | 3 | BM,TV |  |
|  | ANS  211 |  | Applied Animal  Nutrition: R-F | Ration Formulation Nutrient requirements of domestic animals, ration  formulation, and feeding recommendations. | 3 | TV, |  |
|  | ANS  216 |  | Sheep/Swine  Industries | Introduction to the sheep and swine industries including history, current  status and production practices, with demonstration and hands-on  experience of basic husbandry practices. | 3 | TV, |  |
|  | ANS  220 |  | Introductory  Horse Science | Introduction to horses, their history, breeds, form and function,  performance evaluation, current industry status, and general management. | 3 | TV, |  |
|  | ANS  221 |  | Equine  Industries | Instruction and practice of management skills involved in the feeding,  handling and health care of horses. Provides valuable industry contacts  through guest speakers and field trips. | 2 | BM, |  |
|  | ANS  223 |  | Equine  Marketing | Covers practical concepts of equine marketing. Emphasis on market  assessment, targeting buyers, marketing and advertising strategies,  product preparation and presentation, marketing legalities. | 3 | LB, |  |
|  | ANS  231 |  | Livestock  Evaluation | Visual appraisal of market and breeding classes of beef cattle, sheep, and  swine. Live animal and carcass comparisons. | 2 | BM, |  |
|  | ANS  243 |  | Beef  Production  Systems: S/F | Stocker/Feedlot System Fundamentals of nutrition, reproductive  physiology and health programs and their applications in the care and  management of beef cattle. | 3 |  |  |
|  | ANS  280 |  | Cooperative  Work  Experience: | On-the-job experience(paid of volunteer) which enables the students to  apply the knowledge, skills and experience gained through the on campus  program to all aspects of the industry . |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **ANTHROPOLOGY** | ANTH  100 |  | Intro/Archeolog  y&  Anthropology | An introduction to human biology and cultural development, including  anthropological approaches traces through the advent of agriculture and  urbanization | 4 |  |  |
|  | ANTH  101 |  | Intro to  Physical  Anthropology | Introduction to Physical Anthropology Presents physical anthropology and  the study of human biological evolution in the context of modern genetics  and primate behavi or studies. Examines the human fossil record, as well  as the diversity and commonality of present and past populations of  humankind. | 3 | PO,KL, | OSU,  PSU,U  O, |
|  | ANTH  102 |  | Intro  Archaeology &  Prehistory | Introduction to Archaeology and Prehistory Introduces the methods and  techniques used by archaeologists to study the development of human  culture. Provides a survey of world prehistory, while emphasizing the  development of social complexity and the origins of agriculture that  precede both new and old world civilizations. | 3 | PO,KL, | OSU,  PSU,U  O, |
|  | ANTH  103 |  | Intro to Cultural  Anthropology | Introduction to Cultural Anthropology Examines modern human cultures.  Analyzes a variety of ethnographic examples from various world societies  to understand the diverse aspects of language, technology, economy,  social structure, governance, religion, world views and expressive aspects  of life. | 3 | PO,TB,  KL, | OSU,  PSU,U  O, |
| \* | ANTH  105 |  | Anthropology  Today | Evaluation of contemporary human issues from an anthropological  perspective with anthropological sub disciplines applied to problem solving  in modern society. | 4 |  |  |
| \* | ANTH  110 |  | Into to Cultural  Anthropology | The study of modern and recent cultures of the world. The concept of  culture and its role in human behavior and organization. | 4 | TV, |  |
| \* | ANTH  150 |  | Intro to  Archeology | The study of ancient and prehistoric cultures of the world. Introduction to  the theories and techniques of archeological investigation. | 4 |  |  |
| \* | ANTH  170 |  | Into to Human  Evolution | Homo sapiens as a living organism; biological evolution and genetics;  fossil hominids | 4 |  |  |
| \* | ANTH  171 |  | Evolution of  Monkeys and  Apes | Evolutionary biology of the primates: the fossil record and ecology during  the age of mammals, primate anatomy, locomotors, feeding adaptions,  taxonomic relations and primate ethnology. | 4 |  |  |
| \* | ANTH  172 |  | Evolution of  Human  Adaptation | Psychological, anatomical and behavioral adaptations of the human  species and the evolutionary events that produced them. | 4 |  |  |
| \* | ANTH  173 |  | Evolution of  Human  Sexuality | Includes basic genetics, physiology, and behavior. Evolution of sex, of the  sexes, and of the mammal, primate, and human behavior. | 4 |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | ANTH  180 |  | Language and  Culture | Language and culture relationships and methodology. | 4 | MH, |  |
|  | ANTH  207 |  | Cult Ath: Cult  Concepts | Cultural Anthropology: Culture Concepts Examines the different schools of  anthropological thought and the concept of culture from a historical  perspective. Emphasis is placed upon the importance of culture in  explaining similarities and differences in our evolving world system. | 3 | PO, | OSU,  PSU,  UO, |
|  | ANTH  208 |  | Cult Ath:  Cultures of  World | Cultural Anthropology: Cultures of the World Introduces ethnographic  descriptions of a representative sample of the cultural variations among  contemporary peoples. Compares various subsistence systems and levels  of socio-political integration. | 3 | PO, | OSU,  PSU,  UO, |
|  | ANTH  209 |  | Cult Ath: Cult  Growth &  Change | Cultural Anthropology: Cultural Growth & Change Examines the processes  of cultural growth and change, the development of contemporary  anthropological theory and the rapidly growing fields within applied  anthropology. Ethnographic techniques are presented so students may  use them to examine the changing culture of our complex society. | 3 | PO, | OSU,  PSU  ,UO, |
|  | ANTH  210 |  | People &  Cultures:  Middle East | Selected Topics Ethnography: People & Cultures of Middle East  Introduces the life styles and interactions with their environments of  peoples in a selected part of the world. Uses ethnographic and other  information for a concentrated study of the cultural diversity and  environmental adaptations of those peoples. | 4 | LB, PO | OSU,  PSU,  UO, |
| \* | ANTH  211 |  | Selected  Topics in  Ethnology | Contents varies from term to term; emphasizes the comparison of cultures  and the anthropological understanding of contemporary peoples. | 4 | LA, |  |
|  | ANTH  214 |  | Hum Envir:  Ecological  Aspects | Human Environments: Ecological Aspects Examines the ecological  relationships between human societies and their natural environments.  Clarifies the human's biological relatedness to the world's natural  ecosystems and then presents a look at the ensuing disruptions in nature  and in human cultures. | 3 | PO, | OSU,  PSU, |
|  | ANTH  215 |  | Hum Envir.  Energy  Consideration | Human Environments: Energy Consideration Explores the issue of energy,  ecologically and in terms of human use of energy. Examines the energy  crisis from the perspective of the individual energy user. Also looks at  worldwide consequences of energy consumption. | 3 | PO, | OSU,  PSU,  UO, |
|  | ANTH  216 |  | Hum Envir:  Productivity | Human Environments: Productivity Examines human productivity and its  environmental effects in industrial societies and compares this with more  traditional societies. Presents a critical analysis of energy consumption and  use in our society. | 3 | PO, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | ANTH  230 |  | Native  Americans of  Oregon | Presents the history of anthropological research and the prehistory,  languages and culture areas of Oregon's native peoples. Individual native  groups are studied to better depict the life ways of Oregon's major cultural  and geographic divisions. | 3 | PO, | OSU,  PSU,U  O, |
|  | ANTH  231 |  | Native  Americans of  the N.W. | Native Americans of the Northwest An in-depth survey of the native  peoples of Oregon, Washington, Alaska, and Southwest Canada.  Individual native groups are studied to depict cultural variation within the  region. | 3 | PO, | OSU,  PSU,U  O, |
|  | ANTH  232 |  | Native North  Americans | Surveys the anthropology and distribution of the native North American  peoples. Presents the history of anthropological research and the  prehistory, languages and culture areas of native North America. Specific  native groups will be surveyed to better depict the life ways of the major  cultural and geographic divisions. | 3 | PO, | OSU,  PSU,U  O, |
|  | ANTH  235 |  | Prehistoric  Mexico/Central  America | Survey of Prehistoric Mexico and Central America A study of the  development, form and history of pre-Columbian Indian civilizations,  surveying the achievements of the Maya, the Aztec and their neighbors. | 3 | PO, | OSU,  PSU,U  O, |
| \* | ANTH  240 |  | From Ape to  Angel | An investigation of the origin of modern people (Homo sapiens) in a  historical context; review of key discoveries and current research on the  relationships between humans and other primates; exploration of  contrasting views of humanity. | 4 |  |  |
|  | ANTH  280 |  | CE:  Anthropology | Cooperative Education: Anthropology Enables students to extend their  knowledge of anthropology through work in settings that provide learning  experiences to supplement classroom learning. | 3 | PO, | OSU,  PSU,U  O, |
|  | ANTH  298 |  | Indep Study:  Anthropology | Independent Study: Anthropology Individualized, advanced study in areas  of anthropology not considered in other courses, to meet special interests  or program requirements. Students complete a term project and readings  approved by the instructor. Recommended: prior study in anthropology and  instructor permission. | 3 | PO, | OSU,  PSU,U  O, |
|  | ANTH  299 |  | Special  Studies:  Anthropology | Special Studies: Anthropology Prior study in anthropology is  recommended. Offers special topics, activities, or projects in an area of  anthropology not usually covered in depth in other anthropology courses.  Prior study in anthropology is recommended and instructor permission. | 3 | PO, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **ART** | ART 101 |  | Introduction to  Art | Addresses seeing, experiencing and appreciating the urban world--  architecture, gardens, fountains, malls and public spaces. Examines how  cities express the values, technology, geography and economic structure  of many different cultures in the light of aesthetic, historic and critical  factors. Recommended: Writing 115 placement and reading score of 41. | 3 | PO,CH,U  M, | OSU,  PSU, |
| \* | ART 102 |  | Introduction to  Art | Addresses painting and sculpture in terms of experiencing, appreciating  and understanding their role in our lives. Art is examined in the light of  aesthetic, historic and critical issues. Recommended: Writing 115  placement and reading score of 41. | 3 | PO.UM, | OSU,  PSU,U  O, |
| \* | ART 103 |  | Introduction to  Art | Addresses issues relating to design in our daily lives: commercial,  industrial, crafts and product design. Examines how design expresses the  values, technology, economy and taste of our culture in the light of  aesthetic, historic and critical factors. Recommended: Writing 115  placement and reading score of 41. | 3 | \ | OSU,  PSU,U  O, |
| \* | ART 115 |  | Basic Design | Addresses two-dimensional, black and white design issues in the context  of the contemporary visual world. Explores the elements (line, shape,  texture, value, space) and principles (composition, harmony, pattern,  rhythm) of visual design. ART 115, 116, and 117 may be taken in any  sequence. | 3 | PO,CE,CH  ,BM,UM, | OSU,  PSU,U  O, |
| \* | ART 116 |  | Basic Design | Addresses color theory, relationship, and organization in the context of the  contemporary visual world. Explores the elements (line, shape, texture,  value, space) and principles (composition, harmony, pattern, rhythm) of  visual design. ART 115, 116,and 117 may be taken in any sequence. | 3 | PO,CE,CH  ,BM,TV,U  M, | OSU,  PSU,U  O, |
| \* | ART 117 |  | Basic Design | Addresses three-dimensional design--space, forms, materials and  methods --in the context of the contemporary visual world. Explores the  elements (line, shape, texture, value, space) and principles (composition,  harmony, pattern, rhythm) of visual design. ART 115, 116, and 117 may be  taken in any sequence. | 3 | PO.CE,CH  ,BM,TV,U  M, | OSU,  PSU,U  O, |
| \* | ART 131 |  | Introduction to  Drawing | Presents various ways of seeing and drawing to become more visually  literate. Examines basic drawing techniques and materials. Examines  conceptual references for critical analysis of visual forms, and basic  theories of art within the historical context. May be taken three times. | 3 | PO.CE,CH  ,BM,TV,U  M, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | ART 133 |  | Introduction to  Drawing | Emphasis on composition and understanding of visual form including  hand-eye-mind coordination. | 3 | BM.CL, |  |
|  | ART 141 |  | Intro to  Photography  (Non-darkroom) | Introduction to Photography (Non-darkroom) Covers camera operation,  selection and use of film, filters, lenses, flash units and other accessories.  Students shoot 35mm color slides and have them processed commercially.  Students must own, or have access to a 35mm camera with adjustable  exposure controls. | 3 | PO, | OSU,  PSU,U  O, |
|  | ART 142 |  | Intro to Photo  (Darkroom) | Introduction to Photography (Darkroom) Introduces basic photographic  techniques, processes and approaches: fundamental principles of camera  operation and exposure, darkroom procedures involved in developing film  and making prints, some methods by which photographs are  finished/prepared for presentation. Students should own or have access to  a 35mm camera with adjustable exposure controls. | 3 | PO, | OSU,  PSU,U  O, |
|  | ART 143 |  | Photography II | Devoted to both solidifying and building upon the various techniques,  processes, and approaches learned in ART 142. Covers advanced  exposure procedures, printing on fiber-based paper, bleaching and toning  prints, and the effect of using colored filters with black and white film.  Students will be encouraged to continue using the camera as an  instrument of expression and communication. | 3 | PO, | OSU,  PSU,U  O, |
|  | ART 280 |  | Cooperative  Work  Experience: | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all aspects of the industry . | 3 |  |  |
| \* | ART 181 |  | Introduction to  Painting | A studio experience with supporting slides, lectures, and occasional films.  Presents different ways of seeing and painting to become more visually  literate. Examines basic painting techniques and materials. Presents a  conceptual framework for critical analysis, along with basic art theory. May  be taken three times. | 3 | PO,CE,TV  , | OSU,  PSU,U  O, |
| \* | ART 197 |  | Artist's  Survival/Prac  Issues | Artist's Survival/Practical Issues Introduces issues relevant to artists'  career. Includes portfolio preparation, documenting work, gaining  representation and exposure as an artist, creating publicity, how the art  market works, basic marketing and exhibition strategies, business  concerns, art collecting. Field trips to local galleries and/or guest lecturers.  Practical experience gained by participating in PCC gallery installations. | 3 | PO,TV, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | ART 199 |  | Special  Studies: Art | Presents selected topics of study offered on a temporary or experimental  basis. | 3 | TV, |  |
|  | ART  199E |  | Art: Special  Projects | Covers special projects in approved area of study. Lecture/lab course  investigating concepts and techniques not covered in existing course  offerings. Department permission required. | 3 | TV, |  |
| \* | ART 204 |  | History of  Western Art | Examines visual art as a reflection of human interaction with the socio-  political and physical environment. Viewing, analyzing and comparing  many art forms in an historical context, covering the Paleolithic, Ancient  Near Eastern, and Aegean cultures, beginning about 30,000 BC.  Recommended: WR 121 placement and RD 115 placement. | 3 | PO,CH,B  M,TV,UM, | OSU,  PSU,U  O, |
|  | ART 205 |  | History of  Western Art | Examines visual art as a reflection of human interaction with the socio-  political and physical environment. Viewing, analyzing and comparing  many art forms in an historical context, covering Late Antiquity, Early  Christian and Medieval periods, beginning about 500 BC. Recommended:  WR 121 placement and RD 115 placement. | 3 | PO,CH,B  M,TV,UM, | OSU,  PSU,U  O, |
| \* | ART 206 |  | History of  Western Art | Examines visual art as a reflection of human interaction with the socio-  political and physical environment. Viewing, analyzing and comparing  many art forms in an historical context, covering Renaissance and  Baroque periods, beginning about 1300 AD. Recommended: WR 121  placement and RD 115 placement. | 3 | PO,CE,CH  ,BM,TV,U  M, | OSU,  PSU,U  O, |
| \* | ART 207 |  | History of Asian  Art | Explores and analyzes the visual arts in relation to the culture of India from  the Neolithic through the modern period. Recommended: WR 121  placement and RD 115 placement. | 3 | PO, | OSU,  PSU,U  O, |
| \* | ART 208 |  | History of Asian  Art | Explores and analyzes the visual arts in relation to the culture of China  from the Neolithic through the modern period. Recommended: WR 121  placement and RD 115 placement. | 3 | PO, | OSU,  PSU,U  O, |
| \* | ART 209 |  | History of Asian  Art | Explores and analyzes the visual arts in relation to the culture of Japan  from the Neolithic through the modern period. Recommended: WR 121  placement and RD 115 placement. | 3 | PO,UM, | OSU,  PSU,U  O, |
|  | ART 210 |  | Women in Art | Covers the work of women artists from antiquity to the present. The works  of the most important women artists from each period will be studied in  relation to the changing roles of women in society and to the art produced  contemporaneously by men. | 3 | CH, | PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | ART 211 |  | Mod Art  Hst:19th Cen  Art/Europ. | Modern Art History - 19th Century Art in Europe The Nineteenth Century  saw the beginning of the modern world and modern societies in Europe.  Examines and analyzes the visual arts beginning with the French  Revolution in 1789 to reveal the processes that led to our current cultural  life. Recommended: WR 121 placement and RD 115 placement. | 3 | PO,BM, | OSU,  PSU,U  O, |
| \* | ART 212 |  | Mod Art  Hst:Early 20th  Cen Art | Modern Art History - Early 20th Century Art The turn of the Twentieth  Century witnessed revolutions in science and technology, psychology and  philosophy. Examines and analyzes the visual arts to reveal some effects  of those changes, and to gain insight into our modern world.  Recommended: WR 121 placement and RD 115 placement. | 3 | PO,BM, | OSU,  PSU,U  O, |
| \* | ART 213 |  | Mod Art Hst:  Art Since 1945 | Modern Art History - Art Since 1945 World War II ended the supremacy of  Europe in the visual art world and focused attention on America. Examines  and analyzes art since 1945 to explore the ideas behind it, to reveal our  culture and values, and to gain a greater understanding and appreciation  of contemporary art. Recommended: WR 121 placement and RD 115  placement. | 3 | PO,CE,B  M, | OSU,  PSU,U  O, |
| \* | ART 218 |  | Lettering  Calligraphy I | Covers practical and creative uses of calligraphy, lettering principles,  techniques and functions, and discusses the traditions and historical  development of letters. Fall term: Roman alphabet, lower and upper case.  Winter term: italic alphabet, lower and upper case. Spring term:  Carolingian and uncial alphabet styles. Each term may be taken once for a  maximum of six credits. | 2 | PO,CE,U  M, | OSU,  PSU,U  O, |
| \* | ART 219 |  | Calligraphy | Supplements Italic cursive hands with Traditional Rustic, Modern Rustic,  Unical and Edward Johnston's book hand. | 3 | CE, |  |
| \* | ART 220 |  | Advanced  Lettering and  Seminar | Covers lettering techniques and shop practices necessary for commercial  production of calligraphic and drawn letters. Work involves problem solving  activities the professional calligrapher is likely to encounter on the job. | 2 | PO, | OSU,  PSU,U  O, |
| \* | ART 221 |  | Computer  Graphics in  Arts I | Introduces the computer as a tool for imaginative exploration in art, using  paint, desktop publishing, and animation programs. Students are  encouraged to carry over ideas and principles of art from such courses as  basic design, drawing, painting and graphic design. | 4 | PO,CH,TV  ,UM, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | ART 222 |  | Graphic Design | Typography, layout design, computer graphics. Offers study and practice  in the principles and processes of graphic communication and production  form concept design to camera-ready art. | 3 | BM.CL, |  |
| \* | ART 223 |  | Graphic Design | Typography, layout design, computer graphics. Offers study and practice  in the principles and processes of graphic communication and production  form concept design to camera-ready art. | 3 | UM |  |
| \* | ART 224 |  | Computer  Graphics in  Arts II | Continues ART 221, providing further experience with programs previously  used and introducing new, more advanced software. Animation will be  emphasized, as well as computer use in art, advertising, video, music, and  business graphics. Recommended: ART 221. | 4 | PO,UM, | OSU,  PSU,U  O, |
| \* | ART 225 |  | Graphic Design | Typography, Computer Graphics. Applies principles and concepts of  design to selected projects. Includes planning, design sketches, functional  and aesthetic tests. | 3 | UM, |  |
| \* | ART 226 |  | Graphic Design | Typography, Computer Graphics. Applies principles and concepts of  design to selected projects. Includes planning, design sketches, functional  and aesthetic tests. |  |  |  |
| \* | ART 227 |  | Graphic Design | Typography, Computer Graphics. Applies principles and concepts of  design to selected projects. Includes planning, design sketches, functional  and aesthetic tests. |  |  |  |
| \* | ART 228 |  | Graphic Design | Typography, Computer Graphics. Provides an advanced, intensive  production experience in past up, layout, process camera, illustration,  photography, and type to specific problems and areas of the graphic  design field. |  |  |  |
| \* | ART 229 |  | Graphic Design | Typography, Computer Graphics. Continues the methods and techniques  of graphic design production |  |  |  |
| \* | ART 230 |  | Drawing | Explores principles of drawing and visual problem-solving using various  media and subjects. |  |  |  |
| \* | ART 231 |  | Drawing | Explores principles of drawing and visual problem-solving using various  media and subjects. | 3 | PO,CE,B  M,TB,TV, | OSU,  PSU,U  O, |
| \* | ART 232 |  | Drawing | Explores principles of drawing and visual problem-solving using various  media and subjects. | 3 | BM.CL, |  |
| \* | ART 233 |  | Drawing | Explores principles of drawing and visual problem-solving using various  media and subjects. | 3 | CL, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | ART 234 |  | Drawing-Figure | Offers composition and visual understanding of the complex forms and  relationships of the human figure. | 3 | CE, |  |
| \* | ART 235 |  | Drawing-Figure | Offers composition and visual understanding of the complex forms and  relationships of the human figure. | 3 | CE, |  |
| \* | ART 236 |  | Drawing-Figure | Offers composition and visual understanding of the complex forms and  relationships of the human figure. | 3 | CE, |  |
| \* | ART 237 |  | Life Drawing | A studio experience with supporting slides, lectures, and occasional films.  Covers studying and drawing the human form, using professional models.  Presents the structure, form and proportions of human figure, applying  various drawing techniques and concepts. Emphasizes personal artistic  growth with attention to composition. May be repeated three times. Six  credit hours drawing/painting, or instructor permission | 3 | PO.TV,UM  , | OSU,  PSU,U  O, |
| \* | ART 238 |  | Drawing-  Illustration | Uses drawing and design to produce narrative visual images for  commercial application. Includes materials, book and magazine  illustration, technical illustration and visual advertising. |  |  |  |
| \* | ART 239 |  | Drawing-  Illustration | Uses drawing and design to produce narrative visual images for  commercial application. Includes materials, book and magazine  illustration, technical illustration and visual advertising. |  |  |  |
|  | ART 241 |  | Nature  Photography | Covers specialized equipment and methods of professional nature  photography. Work in color and/or black and white (color processed  commercially at student expense). Includes field trips and discusses  marketing nature images. Recommended: 35mm (or larger) SLR with a  selection of lenses. Recommended: ART 141 and 142, or instructor  permission. | 3 |  | PSU,U  O, |
|  | ART 242 |  | Small Format  Portraiture | Covers lighting, posing, specialized equipment, and business practices.  Primarily B&W; some color printing possible (color film processed at  student expense). Student should have access to 35mm SLR camera and  lens of approximately 85mm (or larger format SLR and comparable lens).  Recommended: ART 141 and 142, or instructor permission. | 3 |  | PSU,U  O, |
|  | ART 243 |  | The  Photographic  Portfolio | Provides framework within which students may pursue their unique  photographic vision. Explores role of photography in the arts, and rights  and responsibilities of the photographic artist. Work in black and white  and/or color (color processed at student expense). Prerequisite: ART 143. | 3 | PO, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | ART 250 |  | Ceramics | Demonstrates construction techniques and methods used to design, shape  and form pottery. Includes wheel throwing, pottery decoration, glaze  calculation and firing. | 3 | UM, |  |
| \* | ART 251 |  | Ceramics | Demonstrates construction techniques and methods used to design, shape  and form pottery. Includes wheel throwing, pottery decoration, glaze  calculation and firing. | 3 | CL, |  |
| \* | ART 252 |  | Ceramics | Demonstrates construction techniques and methods used to design, shape  and form pottery. Includes wheel throwing, pottery decoration, glaze  calculation and firing. | 3 | CL,UM, |  |
| \* | ART 253 |  | Ceramics I | Presents all aspects of introductory clay processes: development of ideas,  care and preparation of clay, skills and understanding related to clay work  on and off the potter's wheel, glazes and firing procedures. May be taken  three times. | 3 | PO,TB,TV, | OSU,  PSU,U  O, |
| \* | ART 254 |  | Ceramics | Intermediate. Demonstrates construction techniques and methods used to  design, shape and form pottery. Includes wheel throwing, pottery  decoration, glaze calculation and firing. | 3 | BM.CL,TV  ,CE |  |
| \* | ART 255 |  | Ceramics | Intermediate. Demonstrates construction techniques and methods used to  design, shape and form pottery. Includes wheel throwing, pottery  decoration, glaze calculation and firing. | 3 |  |  |
|  | ART 256 |  | Ceramics II | Allows students to further explore all aspects of clay processes:  development of ideas, care and preparation of clay, skills and  understanding related to clay work on and off the potter's wheel, glazes  and firing procedures. May be taken three times. | 3 | PO,CE,B  M,TV, | OSU,  PSU,U  O, |
| \* | ART 257 |  | Metals and  Jewelry | Demonstrates processes and techniques used in metal construction and  stone cutting. Includes wax casting, stone inlay and setting, etching and  plating. | 3 | CE, |  |
| \* | ART 258 |  | Metals and  Jewelry | Continues metal construction and stone cutting techniques used for jewelry  making. | 3 | CE, |  |
| \* | ART 259 |  | Metals and  Jewelry | Continues metal construction and stone cutting techniques used for jewelry  making. | 3 | CE, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | ART 261 |  | Photography | Introduction, history, and fundamentals of photography. Basic skills of  taking effective black and white photographs, developing film, making  enlargements. Emphasis on design and composition. | 3 | UM, |  |
| \* | ART 262 |  | Photography | Basic black-and-white photographic processes and techniques;  development of camera and darkroom skills; seeing photographically | 3 | TV, |  |
| \* | ART 263 |  | Photography | Basic black-and-white photographic processes and techniques;  development of camera and darkroom skills; seeing photographically | 3 | UM, |  |
| \* | ART 264 |  | Photography | Basic black-and-white photographic processes and techniques;  development of camera and darkroom skills; seeing photographically | 3 |  |  |
| \* | ART 265 |  | Photography | Basic black-and-white photographic processes and techniques;  development of camera and darkroom skills; seeing photographically | 3 |  |  |
| \* | ART 266 |  | Color Slide  Photography | Introduction to Slide Photography: London Quarter An introduction to color  slide phot ography using slides for assignments and critiques - non lab.  Introduces camera use, lenses, aperture and shutter relationships, and  exposure. Uses London's people and cultures cape for subject matter. | 3 | CE, |  |
| \* | ART 267 |  | Fibers/Weaving | Demonstrates fiber design construction and using loom and off-loom  techniques and processes. | 3 |  |  |
| \* | ART 268 |  | Fibers/Weaving | Demonstrates fiber design construction and using loom and off-loom  techniques and processes. | 3 |  |  |
| \* | ART 269 |  | Fibers/Weaving | Continues fiber design construction and using loom and off-loom  techniques and processes. | 3 |  |  |
| \* | ART 270 |  | Intro to  Printmaking | Demonstrates methods, materials and techniques of printmaking using  media such as intaglio (etching), relief, serigraphy (silk screen), lithography  or calligraphy (mixed media). | 3 |  |  |
| \* | ART 271 |  | Into to  Printmaking | Demonstrates methods, materials and techniques of printmaking using  media such as intaglio (etching), relief, serigraphy (silk screen), lithography  or calligraphy (mixed media). | 3 | CL, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | ART 272 |  | Into to  Printmaking | Demonstrates methods, materials and techniques of printmaking using  media such as intaglio (etching), relief, serigraphy (silk screen), lithography  or calligraphy (mixed media). | 3 | CL, |  |
| \* | ART 273 |  | Printmaking |  | 3 |  |  |
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| \* | ART 274 |  | Printmaking |  | 3 |  |  |
| \* | ART 275 |  | Printmaking |  | 3 |  |  |
| \* | ART 276 |  | Sculpture | Basic materials and techniques in elementary sculpture. | 3 | BM,CL, |  |
| \* | ART 276 |  | Popular Art of  Mexico | Investigat es social and artistic issues in Mexican culture through painting  and mixed media projects. Students explore concepts and techniques  used by Mexican artists to express a contemporary understanding of  Mexico's rich visual history. | 3 | PO, | OSU,  PSU,U  O, |
| \* | ART 277 |  | Life Painting | A studio experience with supporting slides, lectures, and occasional films.  Investigates seeing and painting the human form to become more visually  literate. Encourages personal interpretation and vision. Presents the  conceptual framework for critical analysis, along with basic theories of art  in the historical context. Six credit hours of drawing or painting, or  instructor permission required. May be taken three times. | 3 | PO, | OSU,  PSU,U  O, |
| \* | ART 278 |  | Sculpture | Basic materials and techniques in elementary sculpture. | 3 | BM,CL, |  |
| \* | ART 279 |  | Multidisciplinary |  |  |  |  |
| \* | ART 281 |  | Painting | A studio experience with supporting slides, lectures, and occasional films.  Explores different ways of seeing and painting to become more visually  literate. Examines basic painting techniques and materials. Presents the  conceptual framework for critical analysis, along with basic theories of art  in the historical context. May be taken three times. | 3 | PO,CE,B  M,TV,UM,  CH, | OSU,  PSU,U  O, |
| \* | ART 282 |  | Painting | Offers visual observation and composition of selected subjects using oil or  acrylic media. | 3 | BM,CE,  CL,UM, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | ART 283 |  | Painting | Offers visual observation and composition of selected subjects using oil or  acrylic media. | 3 | BM,CE,  CL,UM, |  |
| \* | ART 284 |  | Watercolor I | Lectures, demonstrations, films, slides and specific problems dealing with  color relationships, composition, and watercolor techniques. Explores  different ways of seeing and painting to become more visually literate.  Examines basic watercolor techniques and materials. Presents the  conceptual framework for critical analysis, along with basic theories of art  in the historical context. May be taken three times. | 3 | PO,CE,B  M,TB,TV, | OSU,  PSU,U  O, |
| \* | ART 285 |  | Painting | Intermediate. Offers visual observation and composition of selected  subjects using oil or acrylic media. | 3 | CE,CL,. |  |
| \* | ART 286 |  | Painting | Intermediate. Offers visual observation and composition of selected  subjects using oil or acrylic media. | 3 | CE, |  |
| \* | ART 287 |  | Watercolor II | Lectures, demonstrations, films, slides, and specific problems dealing with  color relationships, composition, and watercolor techniques. Further  investigates ways of seeing and painting using watercolor paint. Presents  the conceptual framework for critical analysis, along with basic theories of  art in the historical context. May be taken three times. | 3 | PO,TB, | OSU,  PSU,U  O, |
| \* | ART 289 |  | Multidisciplinary | Offers studio experience in combining art and design with other subject  areas. | 3 | UM, |  |
| \* | ART 290 |  | Multidisciplinary |  | 3 |  |  |
| \* | ART 291 |  | Sculpture:  Plaster/Clay | The studio experience will introduce plaster and clay as primary materials.  Continues the development of the students 3-dimensional knowledge while  exploring traditional materials; plaster and clay. Concentration on plaster  as a material for making multiples, and the use molds will be introduced.  Both the 'figure' and 'abstraction' will be addressed as subject matter. The  completion of ART 293 is strongly recommended before enrolling in this  course. | 3 | BM,UM, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | ART 292 |  | Sculpture:  Welding | The studio experience will introduce the use of oxy-acetylene torches for  basic welding and cutting skills. Explores sculptural issues and concepts  using steel. The completion of ART 293 is strongly recommended before  enrolling in this course. | 3 | BM,UM, | OSU,  PSU,U  O, |
| \* | ART 293 |  | Sculpture | A studio experience with supporting slides, lectures, and occasional films.  Explores sculptural form through a variety of hands-on processes and  techniques, historical and critical perspectives, and creative approaches.  Covers use of materials and new possibilities for personal expression in  form and space. May be taken three times. CDA: Additional lab hours may  be required. | 3 | PO,CH,B  M,UM, | OSU,  PSU,U  O, |
| \* | ART 294 |  | Watercolor | The techniques and use of watercolor. An intermediate level course in  watercolor painting. Further development of technical skills and  expressive development in the medium of transparent watercolor. | 3 |  |  |
| \* | ART 295 |  | Sculpture  Welding II | Develops the artist's knowledge and skills with Oxyacetylene welding and  cutting, SMAW (stick) welding, GMAW (wire) welding and TIG (gas  tungsten) arc welding processes. Explores metal sculpture design and  construction with supporting demonstrations, slides, lectures and films.  Completion of ART 293 strongly recommended. No prior welding  experience is required. | 3 | TV, |  |
| \* | ART 296 |  | Watercolor | The techniques and use of watercolor. An intermediate level course in  watercolor painting. Further development of technical skills and  expressive development in the medium of transparent watercolor. | 3 |  |  |
| \* | ART 297 |  | Drawing &  Modeling | Study of forms in space using two dimensions of drawing and three  dimensions of modeling. | 3 |  |  |
|  | ART 298 |  |  | Advanced, individualized study in areas not considered in other courses to  meet special interests or program requirements. Complete a term project  approved by the instructor. Recommended: prior study, and instructor  permission. |  |  |  |
|  | ART 299 |  | Special Studies | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  | CH,BM,TV  ,UM, | UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **BUSINESS** | BA 101 |  | Introduction to  Business | A survey course in the field of business which includes topics such as  management, finance accounting, marketing, production, computers,  international business, small business, investments and other areas of  general business interest. | 4 | PO,CE,CH  ,BM,CL,T  B,TV,UM,  LA,LB,MH,  OC,RA | OSU,  PSU,U  O, |
|  | BA 110 |  | Micro:  Computers |  | 3 | PO,CE,CH  ,BM,CL,T  B,TV,UM,  LA,LB,MH,  OC,RA |  |
|  | BA 113 |  | Business Credit  Principles | Covers the primary objectives of credit management: minimizing bad debt  losses and maximizing sales volume. Stresses the need to investigate  credit applicants, establish credit limits and follow orderly collection  procedures. | 3 | PO,TB,TV, | OSU,  PSU,U  O, |
|  | BA 115 |  | Credit  Techniques | Provides hands-on experience in applying the credit principles studied in  BA 113. Focuses on using the computer, telephone, and other office  equipment to complete the tasks of consumer and commercial credit  departments. PREREQ: BA 113 or instructor permission. | 3 | PO, | OSU,  PSU,U  O, |
| \* | BA 131 |  | Computers in  Business | A course in computer literacy that covers computer concepts and the  typical activities computers are used for in business. Includes an  introduction to hardware and software, operating systems, word  processing, spreadsheet, database, and electronic mail. | 4 | PO,CE,  BM,CL,  TB,TV,  UM,RA,  LB,CG, | OSU,  PSU,U  O, |
|  | BA 141 |  | Intro to  International  Bus Law | Introduction to International Business Law Surveys international aspects of  traditional business law subjects (sales, commercial paper, corporate law,  agency, etc.) and related subjects (antitrust law, administrative law, trade  regulation, etc.). | 3 | PO, | OSU,  PSU,U  O, |
|  | BA 160 |  | Purchasing I | Covers fundamentals of purchasing, including the role of the purchasing  function, purchasing objectives and policies, operating procedures,  purchase descriptions and specifications, sources of supply, types of  contracts and ordering agreements, legal considerations, and ethical and  professional standards. | 3 | PO,CH, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | BA 161 |  | Purchasing II | Covers more advanced purchasing concepts and techniques, such as win-  win negotiations, total cost management, supplier management,  continuous quality improvement, value analysis and value engineering,  and inventory management. Recommended: BA 160. | 3 | PO,CH, | OSU,  PSU,U  O, |
|  | BA 177 |  | Payroll  Accounting | Provides the fundamental skills needed to prepare a business's payroll.  Introduces payroll and personnel record keeping, calculation of pay, payroll  journalizing, regulations covering social security, withholding, and  unemployment. Recommended: Microcomputer experience; MTH 60 or  higher; BA 95 or BA 98. | 3 | CG,PO, |  |
|  | BA 198 |  | Special  Studies: | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |
|  | BA 203 |  | Intro to  International  Bus | Introduction to International Business Explores the processes of  international trade, whether the company is an importer, exporter, or a  multinational firm. Forms a basis for further study and specialization in the  international business field. | 3 | CO,CG,  PO, | OSU,  PSU,U  O, |
|  | BA 205 |  | Solving Comm  Prob  w/Technology | Solving Communication Problems with Technology Focuses on using  current technology to create, revise, and design business documents:  letters, memos, e-mail, reports, minutes, simple instructions, and resumes.  Students will use library and Internet resources to collect information. In  addition, students will deliver oral presentations using presentation tools.  Recommended: WR 121, BA 131, CAS 133, or computer literacy. | 4 | CL,TB,  TV,UM, | OSU,  PSU,U  O, |
| \* | BA 206 |  | Management  Fundamentals | Introduces basic business management concepts as well as current  management experience and research regarding organizing and managing  processes, resources and people to achieve the organization's purposes.  Changes in management are included, recognizing that society and  technology places new demands on business enterprises. | 3 | PO,CE,  CH,TB,  UM,BM,  CL,LA,  LB,MH, | OSU,  PSU,U  O, |
|  | BA 210 |  | Adv Acctg  Spsht App | Advanced Accounting Spreadsheet Application Presents the advanced  functions of electronic spreadsheets as related to the accounting  profession. Also applies to finance, marketing, operations, and other  business occupations. Recommended: CAS 170 or CAS 174 or CIS 125S,  and BA 95 or BA 98 or BA 211. | 3 | PO,CE,  CH,LB, | OSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | BA 211 |  | Principles of  Accounting I | Introduces financial accounting theory, including the accounting cycle,  analysis and recording of transactions, and reporting financial information  in accordance with generally accepted accounting principles.  Recommended: MTH 95 or higher, and BA 95or BA 98. | 3 | PO,CE,CH  ,BM,CL,T  B,TV,  UM,LA,  LB,MH | OSU,  PSU,U  O, |
| \* | BA 212 |  | Principles of  Accounting II | Continues the presentation of fundamental issues begun in BA 211.  Introduces the statement of cash flows and financial statement analysis.  Prerequisite: BA 211. | 3 | PO,CE,CH  ,BM,CL,T  B,TV,UM, | OSU,  PSU,U  O, |
| \* | BA 213 |  | Principles of  Accounting III | Covers managerial accounting: the cost/volume/profit relationship,  manufacturing costs, cost decisions, management planning, budgeting and  responsibility accounting. Prerequisite: BA 211. | 3 | PO,CE,CH  ,BM,CL,T  B,TV,UM, | OSU,  PSU,U  O, |
|  | BA 215 |  | Basic Cost  Accounting | Covers cost accounting concepts, application, and techniques employed in  the accumulation and reporting of manufacturing cost data. Particular  attention shall be paid to job order costing, process costing, joint and by-  product costing, standard costs, budgeting, and analysis of variances.  Recommended: BA 98 or BA 211. | 3 | PO,CH,  BM,TB,  LA,SW | OSU,  PSU,U  O, |
|  | BA 216 |  | Accounting  Problems | Reinforces understanding and offers new perspectives through reviewing  and applying theory to a va riety of accounting problems. Strongly  recommended: BA 213. | 3 | BM,TB, | PSU,U  O, |
| \* | BA 218 |  | Personal  Finance | Studies the role of the consumer in our economy, problems of financing  family and individual needs, including budgeting, banking relationships,  charge accounts, installment buying, insurance, wills, real estate investing,  and personal taxes. | 3 | PO,CE,  CH,CL,  TB,TV,  UM,CO | OSU,  PSU,U  O, |
|  | BA 222 |  | Financial  Management | Introduces concepts, techniques and decision process to manage the  firm's sources and uses of funds. Includes working capital, ratio analysis,  leverage, operating budgets, working capital management, cost of capital,  capital budgeting and evaluation of financial alternatives. Recommended:  BA 212 and MTH 65. | 3 | PO,CE,CH  ,TB,UM,C  O,CG, SW | OSU,  PSU,U  O, |
|  | BA 223 |  | Principles of  Marketing | Provides a general knowledge of marketing with emphasis on the  marketing mix elements and target markets for consumer and industrial  products. Covers marketing strategies, customer behavior and  international markets. | 3 | PO,CE,B  M,CL,TB,T  V,UM,SW,  MH,LA,  RA,LB, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | BA 224 |  | Human  Resource  Management | Attention is given to human behavior, employment, employee  development, performance appraisal, wage and salary administration,  employment and job rights, discipline and due process, and labor-  management relations. | 3 | PO,CE,CL  ,TB,  TV,LA,  LB,MH,S  W,CO,  CG, | OSU,  PSU,U  O, |
| \* | BA 226 |  | Business Law I | Discusses fundamental concepts, principles, and rules of law that apply to  business transactions. Includes the function and operation of the courts,  business crimes, torts, and contract law, plus application of the Uniform  Commercial Code to business activities. | 3 | PO,CE,CH  ,BM,CL,T  B,TV,UM,  CO,  MH,LA,OC  ,RA, | OSU,  PSU,U  O, |
|  | BA 227 |  | Business Law II | Discusses fundamental concepts, principles, and rules of law that apply to  business organizations. Includes agency, property law, sales transactions,  partnerships, corporations and government regulations. Recommended:  BA 226. | 3 | PO,CE,CH  ,BM,  CL,TV,  LA,MH,CO  ,SW, | OSU,  PSU,U  O, |
|  | BA 228 |  | Comp  Accounting  Applications | Computer Accounting Applications Introduces double-entry, fully integrated  computerized general ledger software on the microcomputer. Topics  include general ledger, accounts receivable, accounts payable, payroll,  and inventory. Recommended: BA 98 or BA 211 or instructor permission. | 3 | PO,CE,CH  ,TB,  TV,CL,  MH,RA,C  O,CG | OSU,  PSU,U  O, |
|  | BA 234 |  | International  Marketing | Covers nature and concepts of international marketing including  techniques for identifying potential markets and assessing uncontrollable  elements such as economic, political, and socio cultural environmental  factors. International marketing strategies related to product/service,  pricing, promotion, and distribution are examined. | 3 | PO,CH,  CL, | OSU,  PSU,U  O, |
|  | BA 237 |  | Fundamentals  of  Import/Export | Examines motivations and procedures for the import and export of goods  and services. Emphasizes U.S. import/export regulations, documentation,  logistics, community resources, and customer services. | 3 | PO,LA, | OSU,  PSU,U  O, |
|  | BA 238 |  | Sales | Offers a blend of practicality and theory on industrial, commercial and retail  sales. Students demonstrate and practice basic sales techniques, explore  communication and motivation as they relate to selling, and examine the  function of sales relative to the total marketing program. | 3 | PO,CH,  CL,TB,  UM,CO,  CG,SW,  LA,MH | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | BA 239 |  | Advertising | Covers the basics of planning, creating, using, and placing advertising in  the business world. Reviews the entire field of advertising as a basis for  students who select advertising as a career or as an integral part of a  marketing program. | 3 | PO,CE,CH  ,CL,  TB,TV,  UM,LA,LB,  MH | OSU,  PSU,U  O, |
|  | BA 240 |  | Governmental  Accounting | Develops the conceptual foundation underlying the accounting procedures,  records, and statements used to summarize and disclose the results of  non-profit and governmental activities. Recommended: BA 95 or BA 98. | 3 | PO,CH,  TB,UM,  CL,RA | OSU,  PSU,U  O, |
|  | BA 242 |  | Introduction to  Investments | Study popular investment vehicles--what they are, how they can be  utilized, and the risk and return possibilities. Emphasizes stocks and  bonds, mutual funds, options, and real estate. Examines securities  exchanges and the functions of the broker. | 3 | PO,CH,  TV,CL,  LA,MH,  CO,CG, | OSU,  PSU,U  O, |
|  | BA 244 |  | Intro to  Records  Management | Introduction to Records Management Offers a study of the life cycle of  records on all types of media from creation through disposition. Considers  responsibilities of the records manager as they relate to each subsystem of  the total records management program and to the needs of all types of  organizations. | 3 | PO,CH,  TB,UM,  CG, | OSU,  PSU,U  O, |
|  | BA 247 |  | Advanced  Sales | Explores methods for improving sales ability (such as the use of short,  explicit, believable sales techniques) and applying them to day-to-day  sales work. Examines the role of the sales manager. Emphasizes the  commercial and industrial sales field. Strongly recommended: BA 238. | 3 |  | PSU,U  O, |
|  | BA 249 |  | Retailing | Covers analyzing the target market, developing the retail marketing mix  elements, and reviewing store planning techniques used by retailers.  Includes discussions of the changing retailing environment and the impact  of government regulations. | 3 | PO,CE,  TV,UM,  CO | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | BA 250 |  | Small Business  Management | Emphasizes the general functions, procedures and specific subject areas  related to starting, organizing and operating a successful small business,  including franchising. | 3 | PO,CH,  TB,TV,  UM,CO,  MH,LA,  CL, | OSU,  PSU,U  O, |
|  | BA 251 |  | Office  Management | Introduces organizing, planning, leading, and controlling functions of an  office and the resulting role and responsibilities of the office manager.  Recommended: BA 206. | 3 | PO,CH,  TB,SW,  CL,LA,  CO,CG, | OSU,  PSU,U  O, |
|  | BA 252 |  | Sales  Management | Examines the role, responsibilities and duties of the sales manager in  business and industry. Explores the evolution and contribution of personal  selling, reviews the sales process, and introduces the techniques to  design, develop, direct, | 3 | PO,CH, | OSU,  PSU,U  O, |
|  | BA 256 |  | Income Tax | Introduces preparation of federal individual and sole proprietorship income  tax returns. Also provides a brief overview of partnership and corporate  returns. | 3 | PO,CH,TB  UM,OCCL  ,CGTV | OSU,  PSU,U  O, |
|  | BA 280 |  | Cooperative  Work  Experience: | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all aspects of the industry . | 3 | PO,CH,TB  ,TV,UM,C  O, CL,CG |  |
|  | BA 285 |  | Human  Relations-  Organizations | Explores interactions in organizations by examining human perceptions,  communications, small group dynamics and leadership. Includes the  dynamics of change, cultural diversity, substance abuse, work stress,  ethics and social responsibility, and the challenges of globalization. | 3 | PO,CE,B  M,TB,SW,  CG,  CO,CL,  LB, MH, | OSU,  PSU,U  O, |
|  | BA 298 |  | Independent  Studies | Advanced, individualized study in areas not considered in other courses to  meet special interests or program requirements. Complete a term project  approved by the instructor. Recommended: prior study, and instructor  permission. |  |  |  |
|  | BA 299 |  | Special Studies |  |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **CAREER**  **DEVELOPMENT** | CG 100 |  | College  Survival and  Success | Helps new or returning students make personal and social adjustments for  college success. Covers college terms and information, class choice,  degree requirements, use of library, tours, and student services.  Emphasizes identifying personal learning strengths and weaknesses,  balancing work, school and home demands, forming study partnerships  and stress and time management. | 3 | PO, | OSU,  PSU,U  O, |
|  | CG 111 |  | Study Skills for  Coll Learning | Study Skills for College Learning Provides information, techniques,  strategies and skills helpful in becoming more efficient in time  management, studying, listening, notetaking and taking exams. Addresses  basic principles of the psychology of learning and memory as they relate to  college students. Instructor permission may be required. Prerequisite:  College-level reading and/or writing skills as | 3 | PO,TB, | OSU,  PSU,U  O, |
|  | CG 140 |  | Career  Development | How do I choose a career? Where do I go from here with my life? Provides  tools needed to make an informed career decision. Includes interest  testing and self assessment of skills, values, and attitudes. Learn how to  locate occupational information, conduct informational interviewing, make  decisions, and set goals. Instructor permission may be required.  Prerequisite: | 3 | PO,TB,  CG, | OSU,  PSU,U  O, |
|  | CG 143 |  | CD: Students  with Disabilities | Career Development: Students with Disabilities Provides the disabled  student with practical behavioral and interpersonal skills to become more  effective in dealing with the challenges of disablement. Presents  information and techniques regarding assertiveness, stress reduction, time  management, self-esteem building and motivation. Department permission  required. | 1 | CG, | PSU,U  O, |
|  | CG 144 |  | Intro to  Assertiveness | Provides basic communication skills students can use to state or declare  their rights in a positive fashion to obtain desired results in career, social  and personal relations. | 1 | TB, | PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | CG 145 |  | Stress  Management | Identifies specific, personal stressors and develops skills that enable  students to more effectively deal with stress. | 1 | TB, | PSU,U  O, |
|  | CG 146 |  | Value  Clarification | Helps the student examine beliefs, attitudes and values behind decisions  and actions. The student will examine whether behavior matches stated  beliefs, evaluate the consequences of choices and develop a process that  will enable the development of personalized values. | 1 | TB, | PSU,U  O, |
|  | CG 147 |  | Decision  Making | Helps students develop an awareness of their personal decision-making  style. Encourages the practice of different decision-making styles to make  effective life choices in personal, social or work settings. | 1 | PO,TB, | OSU,  PSU,U  O, |
|  | CG 150 |  | Explor Careers  in Science  Tech | Exploring Careers in Science Technology Explores the fields of  microelectronics, biotechnology, environmental sciences and computer  literacy. Covers lab experiments in biotechnology and environmental  science classes, photolithography and pattern etching in microelectronics. | 3 | CL, |  |
|  | CG 151 |  | Explore  Careers Sci &  Tech II | Exploring Careers in Science and Technology II Explore the fields of  diesel, landscaping, building construction and computer literacy in this new  and exciting career exploration class. | 3 | PO, |  |
|  | CG 209 |  | Job Finding  Skills | Explores a broad range of job search techniques, including building a job  network, compiling appropriate information for job applications, targeting  cover letters and resumes, typical interview questions and techniques.  Promotes an overall understanding of the job search process. | 1 | PO, | PSU,U  O, |
|  | CG 210 |  | Job Finding  Skills | Introduces students to job searc h skills. Includes networking, resume  writing, writing a cover letter, employer expectations, preparing for an  interview, what to do after the interview, how to prepare a portfolio, and the  value of a cooperative education experience. PREREQ: Fourth term  standing or instructor permission. | 1 |  | UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **CRIMINAL**  **JUSTICE** | CJA 111 |  | Intro Crim Just  Sys - Police | Introduction to Criminal Justice System - Police Examines American and  foreign criminal justice agencies and analyzes the criminal justice process  from detection and arrest through prosecution, adjudication, sentencing  and imprisonment or probation and parole. Includes major theories on the  causes of crime and the role of police in society. Open to general public. | 3 | PO,TB,  TV,CG,  BM, | OSU,  UO, |
|  | CJA 112 |  | Intro Crim Just  Sys - Courts | Introduction to Criminal Justice System - Courts Explores the court  systems and their procedures, laws as they affect the court system, kinds  and degrees of evidence, rules governing admissibility of evidence, and  the structure and function of American local, state and federal court  systems. Open to general public. | 3 | PO,TB,  TV, | OSU,  PSU,U  O, |
|  | CJA 113 |  | Intro Crim Just  Sys-Correction | Introduction to Criminal Justice System - Corrections Covers theories and  current practices in correctional treatment, crime prevention, contemporary  criminal justice services and treatment methods, and professional career  opportunities. | 3 | PO,TV, | OSU,  UO, |
|  | CJA 199 |  | Criminal Justice  Seminar | Designed for criminal justice agencies offering special topic seminars to  meet the information and training needs of local criminal justice agencies. | 3 | TV, |  |
|  | CJA 210 |  | Arrest, Search  & Seizure | Presents Constitutional and Oregon Statutory requirements in the areas of  arrest, search and seizure. Includes document preparation, service and  courtroom presentation. Prerequisite: CJA 111 and WR 121. | 3 | PO,TB, | OSU,  PSU,U  O, |
|  | CJA 211 |  | C & E Issues  for CJ  Practition | Civil & Ethical Issues for Criminal Justice Practitioners Provides a practical  approach to the civil ramifications of actions taken by law enforcement  practitioners, e.g. police, corrections, parole and probation and closely  related occupations. Includes a look at ethical standards of their decision  making. | 3 | PO,TV, | OSU,  PSU,U  O, |
|  | CJA 212 |  | Criminal Law | Covers the origin, structure and definitions of common law and statutory  crimes, the Oregon Criminal Code, and criminal court procedures.  Prerequisite: CJA 111 and WR 121. | 3 | PO,TV, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | CJA 213 |  | Evidence | Explores the nature and types of criminal evidence and rules governing  admissibility, competency and relevancy. Introduces presentation and  suppression of evidence, hearsay rules and exceptions. Prerequisite: CJA  111 and WR 121. | 3 | PO,TV, | OSU,  PSU,U  O, |
|  | CJA 214 |  | Criminal  Investigation | Introduces modern investigative methods, including the collection and  preservation of physical evidence, scientific aids, sources of information,  interviews, follow-up and case presentation. Includes techniques of  interview and interrogation and the use of the polygraph and investigative  hypnosis. Prerequisite: CJA 111 and WR 121. | 3 | PO,TV, | OSU,  PSU,U  O, |
|  | CJA 215 |  | Forensic Sci &  Criminalistics | Forensic Science & Criminalistics Covers the theoretical and technical  skills necessary for complex criminal investigation. Explores how scientific  principles help in crime detection and solution. Instructor permission may  be required. Prerequisite: CJA 111, WR 121, and CJA 213. | 3 | PO, | OSU,  PSU,U  O, |
|  | CJA 217 |  | Interviewing &  Interrogation | Presents knowledge and working skills in the art of interviewing and  interrogation. Prerequisite: CJA 111 and WR 121. | 3 | PO, | OSU,  PSU,U  O, |
|  | CJA 218 |  | Crim Just  Persp: Vio &  Aggres | Criminal Justice Perspectives of Violence & Aggression Explores and  analyzes violence and aggression as viewed from biological,  psychological, psychiatric and sociological perspectives. Emphasizes  episodically violent individuals, their detection, treatment methods and  violence prevention in the area of crisis intervention. Presents the tools  and techniques of crisis intervention through discussion, demonstrations,  simulation and role playing. Prerequisite: CJA 111 and WR 121. | 3 | PO, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | CJA 219 |  | Community  Policing | Covers the concept of "community policing" and the various elements of  police work that relate to community policing. Explores the importance of  law enforcement forming partnerships with the public to identify problems  and find solutions to those problems. Examines the causes and types of  prejudice and how cultural and racial differences relate to the criminal  justice system. Emphasizes the crucial role the individual officer plays in  gaining public support by developing interpersonal relationships | 3 | PO,TV, | OSU,  PSU,U  O, |
|  | CJA 222 |  | Juvenile  Corrections | Covers the historical and contemporary aspects of the juvenile offender,  including juvenile law, legal process, and the juvenile court's structure and  function. | 3 | PO, | OSU,  PSU,U  O, |
|  | CJA 226 |  | Dynamics of  Juvenile  Behavior | Covers the problems of juveniles, emphasizing juvenile delinquency and  deviant behavior. Reviews the major theories of juvenile delinquency and  treatment strategies for these childhood and adolescent problems.  Includes the historical and contemporary aspects of the juvenile offender,  examination of juvenile court structure and function, juvenile law and legal  process. | 3 | PO, | OSU,  PSU,U  O, |
|  | CJA 243 |  | Narcotics &  Dangerous  Drugs | Covers the history and causes of narcotic and drug problems, how to  identify drug addicts and drug abusers, how to define and classify various  types of narcotics and dangerous drugs, including laws and other controls  and rehabilitation programs. Prerequisite: CJA 111 and WR 121. | 3 | PO, | OSU,  PSU,U  O, |
|  | CJA 260 |  | Introduction to  Penology | An overview of the institutional penal system, including jails and detention  facilities, prisons, treatment and work release facilities. Course provi des a  historical and policy study of the role and purposes of confinement or  imprisonment as a criminal justice system tool. Prerequisite: CJA 113. | 3 |  | UO, |
|  | CJA 261 |  | Intro to  Probation and  Parole | Introduction to Probation and Parole Provides an introduction to  Community Corrections or probation and parole in the management of  offender behavior. Management of Community Corrections agencies and  community interventions with offenders will be discussed. Prerequisite:  CJA 113. | 3 |  | UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | CJA 262 |  | Intro to  Correctional  Process | Introduction to Correctional Process Covers the process of how offenders  are brought under correctional supervision. Causes of criminal activity, the  problems of crime in American society and the processes of pre-trial and  post conviction supervision of offenders are discussed. Prerequisite: CJA  113. | 3 |  | UO, |
|  | CJA 263 |  | Intro to  Corrections  Casework | Introduction to Corrections Casework Provides an introduction to the  process of casework and case management in a correctional setting. The  course will develop both a theoretical and practical base of knowledge to  allow the student to develop counseling techniques. Prerequisite: CJA 113. | 3 |  | UO, |
|  | CJA 264 |  | Intro to  Correctional  Admin | Introduction to Correctional Administration Provides an introduction to the  administration of correctional institutions and programs. The management  and administration of jails, prisons and community based programs will be  discussed. Prerequisite: CJA 113. | 3 |  | UO, |
|  | CJA 279 |  | Criminal Justice  Seminar | Designed for criminal justice agencies offering special topic seminars to  meet the information and training needs of local criminal justice agencies. | 4 | PO, | OSU,  PSU,U  O, |
|  | CJA 280 |  | Cooperative  Work  Experience: | Cooperative Education: Students participate with various public sector  criminal justice agencies to learn about their structure and function. The  field placement must be program-related. Instructor permission required.  Prerequisites: CJA 111, 112, 113, 211, 212, and 213. | 3 | PO,TB, | OSU,  PSU,U  O, |
|  | CJA 298 |  | Independent  Study: | Advanced, individualized study in areas not considered in other courses to  meet special interests or program requirements. Complete a term project  approved by the instructor. Recommended: prior study, and instructor  permission. |  |  |  |
|  | CJA 299 |  | Special  Studies: | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **COMPUTER**  **SCIENCE** |  |  | Concepts of  Computing | Introduction to the science of information representation and manipulation.  Laboratories use word processors, spreadsheets, and graphics packages  to illustrate issues. Discussion of communication networks. Prerequisite:  Math 111 | 4 | BM,CL, |  |
| \* | CS 121 |  | Concepts of  Computing | Introduces elements of the design of computer, provides an understanding  of basic elements of programming, and surveys applications and discusses  their effects on society. Prerequisite: Math 111 | 4 | BM,CL, |  |
| \* | CS 122 |  | Concepts of  Computing | Introduction to algorithm design and complexity analysis, data structures  and programming. Surveys approximation and sorting algorithms.  Introduces techniques for program testing. Uses the programming  language Pascal. Prerequisite: CS 121 | 4 | BM,CL, |  |
|  | CS  140U |  | Intro to UNIX | Introduction to UNIX Covers UNIX commands, input/output routines to  include filter and pipe, UNIX file system/management, file security, and  mail handling facilities for a single host and a network configuration.  Students complete a series of exercises with UNIX utilities and write a  shell script. A course in computer literacy, such as CIS 120 recommended.  CDA: Additional lab hours may be required. | 4 | PO,CL,  SW | OSU,  PSU,U  O, |
| \* | CS 161 |  | Computer  Science I | Introduces elementary principles of software engineering, structured  program design, modular programming, problem solving, and social issues  of computer programming. Topics include: scalar and structured data  types, alternation and repetition control structures, and elementary text file  processing. Prerequisites: MTH 111, placement in WR 121, and CS 140U.  CDA: Additional lab hours may be required. | 4 | PO,CE,  CH,BM,  CL,UM, | OSU,  PSU,U  O, |
| \* | CS 162 |  | Computer  Science II | Continues study of problem solving, using program design methodology  and structured programming. Covers a variety of data structures and  algorithms for storing and manipulating data. Includes records, sets, files,  linked lists, stacks and queues, trees, search and sort techniques, and  recursion. Prerequisite: CS 161. CDA: Additional lab hours may be  required. | 4 | PO,CE,  CH,BM,  CL,UM, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | CS 171 |  | Assembler  Language I | Includes number representation, instruction execution, programming and  the assembly process. Includes organization and internal operation of a  computer and designing, coding and debugging assembler programs  involving data manipulation, decimal arithmetic and input/output  operations. CS 161 or equivalent, such as GE 113 required. CDA:  Additional lab hours may be required. | 4 | PO,CH,  BM,UM, | OSU,  PSU,U  O, |
|  | CS  233U |  | C Programming | Covers aspects of program control, program processing, data types and  structures, functions, recursion, sorting techniques and systematic  program design. Emphasizes all aspects of the programming and problem-  solving process. Includes linear data structures, linked lists, stacks,  queues, trees, recursive functions, and merging, sorting and searching  data structures. Prerequisite: CS 161. CDA: Additional lab hours may be  required. | 4 | PO,CE,  CH,UM, | OSU,  PSU,U  O, |
|  | CS  248U |  | Advanced  UNIX & C | Advanced UNIX and C Introduces the C language and the UNIX operating  system environment used in many upper division computer science  courses. Presents the file system, operating system calls, shell level  programming, low-level debugging of high-level language programs.  Complete several programming lab exercises working with arrays, records,  streams, files, linked lists, binary trees, and filters. | 4 | PO, | OSU,  PSU,U  O, |
|  | CS 250 |  | Discrete  Structures | Discrete Structures Introduces fundamental structures underlying the study  of computer science. Includes set theory, functions, relations, induction,  recursion, and elementary combinatorics. Presents functional  programming model as an alternative model of computation. Topics of  recursive programming and recursive computational structures will be  examined. Prerequisites: CS 161, CS 162, MTH 253 and WR 121. | 4 | PO, | OSU,  PSU,U  O, |
|  | CS 251 |  | Logical  Structures | Covers structures related to logic and abstract algebras. Includes formal  proof techniques, propositional and predicate calculus, computational  logic, automatic theorem proving, the logic and knowledge based  programming model, Boolean algebra and circuit design, and the formal  structure of abstract algebras. CDA: Additional lab hours may be required. | 4 | PO, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | CS 252 |  | Computational  Structures | Introduces the student to fundamental theoretical structures and concepts  underlying the study of computer science. Covers structures related to  formal languages, grammars and the subject of solvable and unsolvable  problems. Includes formal languages and grammars and the computational  models that are their equivalence. Prerequisites: CS 251 and WR 121. | 4 | PO, | OSU,  PSU,U  O, |
| \* | CS 260 |  | Data Structures | Covers abstract data structures used to store, access, and manipulate  information in computer programming. Implementation language will be  C++. Includes stacks, queues and lists, searching, hashing, sorting, binary  trees and general trees. Prerequisite: CS 162. CDA: Additional lab hours  may be required. | 4 | PO,CH,  BM,CL, | OSU,  PSU,U  O, |
| \* | CS 271 |  | Computer  Architecture | Introduces organization and design of computer systems based on the  interaction and interrelationship of various components. Includes  instruction sets, performance measurements, floating point numbers, logic  design, arithmetic and logic units, buses, control units, memory hierarchy,  input/output, pipelining, and multiprocessor systems. Prerequisites: CS  171, CS 161. | 4 | PO, | OSU,  PSU,U  O, |
| \* | CS 271  II |  | Computer  Architecture | Continuation of CS171. Includes advanced addressing modes. I/O  programming, data structures, conditional and macro assembly, interrupt  processing, high-level language interface. Several CPU's will be  compared. Prerequisite: CS 171 or instructor's consent. |  |  |  |
|  | CS 280 |  | Cooperative  Work  Experience: | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all aspects of the industry . |  |  |  |
|  | CS 298 |  | Independent  Study: | Advanced, individualized study in areas not considered in other courses to  meet special interests or program requirements. Complete a term project  approved by the instructor. Recommended: prior study, and instructor  permission. |  |  |  |
|  | CS 299 |  | Special  Studies: | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **ECONOMICS** | EC 115 |  | Outlines of  Economics | Surveys the principles of economics, government economic policies and  institutions, and international issues. Emphasizes topics of particular  interest to each class. | 3 | PO,BM,  CL,CT, | OSU,  PSU,U  O, |
| \* | EC 200 |  | Prin Econ:  Intro, Inst & Phil | Principles of Economics: Intro, Institutions & Philosophies Concepts  involving scarcity and choice; the evolution of economic thought; the  development of the industrial market system; the present U.S. economic  structure; and international trade. | 3 | PO,CH,  CL,TB, | OSU,  PSU,U  O, |
| \* | EC 201 |  | Prin Econ:  Microeconomic  s | Principles of Economics: Microeconomics Covers individual units in the  economy, the basics of the price system, production, distribution and  market concentration. Recommended prerequisite: EC 200. | 3 | PO,CE,CL  BM,TB,TV  ,UM,CT | OSU,  PSU,U  O, |
| \* | EC 202 |  | Prin Econ:  Macroeconomic  s | Principles of Economics: Macroeconomics Covers the overall economy.  Includes the basic reasons for and the problems of recession, inflation and  stagflation; the use of monetary, fiscal, and income policies; and other  economic management tools. Recommended prerequisite: EC 200. | 3 | PO,CE,CK  BM,CL,TB  TV,UM,CT | OSU,  PSU,U  O, |
| \* | EC 203 |  | Prin Econ: App  to Econ Issues | Principles of Economics: Applications to Economic Issues International  economics: balance of payments, foreign exchange rates and comparative  economics. Covers energy, poverty and discrimination, urban, and  environmental problems. Includes inflation, unemployment and competing  macro management theories. Prerequisites: EC 200 or EC 201 or EC 202,  or instructor permission. | 3 | PO.CH.  BM.CL.  TV.UM, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | EC 216 |  | Labor Mkts  :Econ o/Gender  &Work | Labor Markets: Economics of Gender & Work The study of labor markets  with an emphasis on the economic status of women and their decisions  about work and family. Topics of study include: recent developments in the  labor market; the gender pay gap and women-men occupational  differences; labor supply decisions; human capital theory; economics of  marriage and household decisions. Prerequisite: either EC 200 or EC 201. | 3 | PO,CL,  LB, | OSU,  PSU,U  O, |
|  | EC 230 |  | Cont World Eco  Issue  Intl Econ | Contemporary World Economic Issues: International Economics Selected  issues and problems related to international economics and international  economic institutions. Includes trade and the balance of payments, trade  competition between Japan and the U.S., reform and restructure of the  Russian and Eastern European economies, economic development and  problems of developing nations. | 3 | PO,UM,  CL, | OSU,  PSU,U  O, |
|  | EC 280 |  | Cooperative  Work  Experience: | Cooperative Work Experience: On-the-job experience  (paid of volunteer) which enables the students to apply the  knowledge, skills and experience gained through the on campus  program to all aspects of the industry . |  |  |  |
|  | EC 298 |  | Independent  Study:  Economics | Individualized study at an advanced level in areas of economics not  considered in other courses to meet special interests or program  requirements. Students complete a term project and readings approved by  the instructor. Recommended: prior study of economics and instructor  permission. | 3 | PO, | OSU,  PSU,U  O, |
|  | EC 299 |  | Economics | Special Studies: Economics Special topics, activities, or projects in an area  of economics not usually covered in depth in other economics courses.  Recommended: prior study in economics and instructor approval. | 3 | PO,TV, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **ENGINEERING** | GE 101 |  | Engineering  Fundamentals | Introduction to engineering occupations, registration laws, and ethics.  Emphasizes engineering problem solving using computer applications.  Scientific, programmable, graphing calculator required. Prerequisites:  Placement in MTH 251. prerequisite: WR 115. | 4 | PO,CH,  CL,TV,  UM,CE, | OSU,  PSU,U  O, |
|  | GE 102 |  | Engineering  Graphics | Introduces manual and computer-aided drafting including hand sketching,  drafting standards, pictorial drawings, and dimensioning. Includes creation  of 2-D drawings and 3-D solid models with AutoCAD. Prerequisite: GE  101. | 3 | PO,CH,  CL,TV,  UM,MH, | OSU,  PSU,U  O, |
|  | GE 103 |  | Engineering  Applications | Introduces engineering design and computer programming. Focuses on a  group design project incorporating tools learned in GE 101, 102, and 103.  Includes project management topics along with report writing and oral  presentations. Prerequisite: WR 121.Corequisite: GE 102. | 3 | PO,CH,  CL,TV,  UM, | OSU,  PSU,U  O, |
|  | GE 114 |  | Engineering  Programming | Introduces structured programming with applications to engineering  problems. Prerequisite: GE 101 or department-approved equivalent. | 4 | PO, |  |
|  | GE 116 |  | Introduction to  CAD | Introduces CAD as a drafting tool. Hardware configuration and operation,  data manipulation from the system's CPU, and creation, storage, retrieval  and modification of drawings are covered. DOS knowledge required.  Prerequisite: GE 115. | 2 | TV, | PSU,U  O, |
|  | GE 171 |  | Intro to Logic  Design | Introduction to Logic Design Introduces switching theory and logic design.  Number systems, logic families, Boolean algebra, minimization, flip-flops,  registers and counters, are covered. Analysis and design of finite state  machines with discrete and programmable devices. Prerequisite: GE 221. | 5 | PO, | OSU,  PSU,U  O, |
|  | GE 199 |  | Special  Studies: | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | GE 211 |  | Static’s | Analysis of forces acting on particles and rigid bodies. Force systems,  cancroids, and moments of inertia are covered. Scientific, programmable,  graphing calculator required. Prerequisites: MTH 253, PHY 211 and  GE101. | 4 | PO,CL, | OSU,  PSU,U  O, |
|  | GE 212 |  | Dynamics | Kinematics and kinetics of particles and rigid bodies are analyzed by  Newton's laws, work-energy and impulse-momentum methods.  Prerequisite: GE 211. | 4 | PO,CL, | OSU,  PSU,U  O, |
|  | GE 213 |  | Strength of  Materials | Relationships between stress and strain in deformable solids are studied.  Analysis is applied to axially-loaded members, circular shafts, beams and  columns. Combined stresses, statically indeterminate systems and  properties of structural materials are included. Prerequisite: GE 211. | 4 | PO,CL, | OSU,  PSU,U  O, |
|  | GE 221 |  | Electrical  Circuits I | DC and AC circuit analysis. Ohm's and Kirchhoff's Laws, network  theorems, node voltage and mesh current methods. Includes computer  circuit simulation, math analysis using Maple, and laboratory experiments.  Recommended: MTH 253. Prerequisites: GE 101, MTH 252, PHY 213. | 5 | PO, | OSU,  PSU,U  O, |
|  | GE 222 |  | Electrical  Circuits II | Circuit analysis using Laplace and Fourier transforms. Fourier series,  convolution integral, transfer functions, and frequency response. Includes  computer analysis using Maple, lab experiments using Lab View, GPIB  and DAQ, and computer circuit simulation. Prerequisites: GE 221 and MTH  256. | 5 | PO, | OSU,  PSU, |
|  | GE 223 |  | Feedback and  Control | Introduction to the design and compensation of feedback control systems,  block diagram reduction methods, frequency and time response analysis,  stability considerations, root locus and frequency response analysis.  Prerequisite: GE 222. | 4 | PO, | OSU,  PSU,U  O, |
|  | GE 226 |  | Plane  Surveying | Basic concepts of plane surveying are introduced. Includes use of tape,  level, transit, electronic total station, note keeping, horizontal and vertical  control networks. Includes calculations and adjustments, angles and  bearings, and topographic surveying and mapping. Prerequisite: GE 102. | 4 | PO, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | GE 231 |  | Material  Science | Selection of materials for modern engineering applications. Structure and  properties of metals, ceramics and polymers starting with fundamental  atomic arrangements. Micro structural control through thermal and  mechanical processing and effects of service environment are covered.  Prerequisites: PHY 211, MTH 252, and CH 201 or 221. | 4 | PO, | OSU,  PSU,U  O, |
|  | GE 262 |  | Manufacturing  Processes | The interaction of design with industrial materials and processes is  considered in connection with technical and economic feasibility, trade-offs  and automation. Prerequisite: GE 102. | 3 | PO, | OSU,  PSU,U  O, |
|  | GE 275 |  | Microprocessor  Systems | Introduces to microprocessor architecture, assembly language  programming and basic microcomputer system design. Use specialized  software development tools to write applications programs and test/debug  programs in prototype systems. Prerequisite: GE 171. | 4 | PO, | OSU,  PSU,U  O, |
|  | GE  280A |  | CE:  Engineering | Cooperative Education: Engineering For students employed in an  approved co-op education position with a local company. Credits do not  ordinarily transfer for an engineering degree. Department permission  required. | 5 |  | PSU,U  O, |
|  | GE 298 |  | Independent  Study: | Advanced, individualized study in areas not considered in other courses to  meet special interests or program requirements. Complete a term project  approved by the instructor. Recommended: prior study, and instructor  permission. |  |  |  |
|  | GE 299 |  | Special  Studies: | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **ENGLISH** |  | ENG  104 | Intro to  Literature  (Fiction) | Introduction to Literature (Fiction) Enhances enjoyment of short stories and  novels, increases understanding of the conventions of fiction, and  encourages exploration of human experience. Prerequisite: Placement into  WR121. | 3 | PO,CE,  CH,BM,  TB,TV,  UM, | OSU,  PSU,U  O, |
| \* |  | ENG  105 | Intro to  Literature  (Drama) | Introduction to Literature (Drama) Enhances enjoyment of plays - including  tragedies and comedies - as literature, increases understanding of the  conventions of drama and the theater, and encourages exploration of  human experience. Prerequisite: Placement into WR 121. | 3 | PO,CE,  CH,BM,  TB,TV,  UM, | OSU,  PSU,U  O, |
| \* |  | ENG  106 | Intro to  Literature  (Poetry) | Introduction to Literature (Poetry) Enhances enjoyment of poetry,  increases understanding of the conventions of poetry and poetic forms,  and encourages exploration of human experience. Prerequisite: Placement  into WR 121. | 3 | PO,CE,  CH,BM,  TB,TV,  UM, | OSU,  PSU,U  O, |
| \* |  | ENG  107 | World  Literature -  Western | Introduces literature of the Western World in translation from 800 B.C.E. to  present. Compares the cultural perspectives and historical contexts of  diverse writers and their works in order to provide insight into the literary  past and present of the Western World. Emphasizes literature from the  ancient world to 800 B.C.E. Prerequisite: Placement into WR 121. | 3 | PO,CE,  CH,BM,  TV,UM, | OSU,  PSU,U  O, |
| \* |  | ENG  108 | World  Literature -  Western | Introduces literature of the Western World in translation from 800 B.C.E. to  the present. Compares the cultural perspectives and historical contexts of  diverse writers and their works in order to provide insight into the literary  past and present of the Western World. Emphasizes literature from the  medieval era through the 17th century. Prerequisite: Placement into WR  121. | 3 | PO,CE,  CH,BM,  TV,UM, | OSU,  PSU,U  O, |
| \* |  | ENG  109 | World  Literature -  Western | Introduces literature of the Western World in translation from 800 B.C.E. to  the present. Compares the cultural perspectives and historical contexts of  diverse writers and their works in order to provide insight into the literary  past and present of the Western World. Emphasizes literature from the  18th century to the present. Prerequisite: Placement into WR 121. | 3 | PO,CE,  CH,BM,  TV,UM, | OSU,  PSU,U  O, |
|  |  | ENG  195 | Film as Lit (Film  as Art) | Film as Literature (Film as Art) Enhances visual literacy by exploring power  of film image to shape and reflect culture and ideology in this and other  countries; raises questions about film and its relationship to cultural values,  self, other. Studies film genres and styles; spectatorship, representation,  identification; aesthetics; film history; film as a collaborative medium;  Hollywood and independent cinema; technique and grammar of film; major  film theories. | 3 | PO,LA, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | ENG  196 | Film as Lit  (Great  Directors) | Film as Literature (Great Directors) Enhances visual literacy by exploring  power of film image to shape and reflect culture and ideology in this and  other countries; raises questions about film and its relationship to cultural  values, self, other. Studies film as a construction of "reality"; the  relationship of image to power; western and non-western points of view;  issues of majority and minority representation as they relate to race and  gender; roles of man, woman, and child in the cinematic | 3 | PO, | OSU,  PSU,U  O, |
|  |  | ENG  197 | Film as Lit (  Contemporary  Cinema) | Film as Literature (Contemporary Cinema) Enhances visual literacy by  exploring power of film image to shape and reflect culture and ideology in  this and other countries; raises questions about film and its relationship to  cultural values, self, other. Studies various influences on contemporary film  practice; ethnographic, experimental, feminist films; direct cinema;  censorship; relationship of film to politics and economics; influence of  television and video on film; post-structuralism and semio | 3 | PO, | OSU,  PSU,U  O, |
|  |  | ENG  199 |  | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |
| \* |  | ENG  201 | Shakespeare | Enhances understanding and appreciation of Shakespeare's achievement  and contribution to literature. Focuses on five or more plays and selected  non-dramatic poetry in order to introduce the study of Shakespeare's  dramatic techniques, character development, and language. The works are  chosen to reflect a broad range of patterns, themes, and genres.  Recommended prior coursework: ENG 105 and 106. Prerequisite:  Placement into WR 121. | 3 | PO,CE,  CH,BM,  TV,UM,  SW, | OSU,  PSU,U  O, |
| \* |  | ENG  202 | Shakespeare | Enhances understanding and appreciation of Shakespeare's achievement  and contribution to literature. Focuses on five or more plays and selected  non-dramatic poetry in order to introduce the study of Shakespeare's  dramatic techniques, character development, and language. The works are  chosen to reflect a broad range of patterns, themes, and genres.  Recommended prior coursework: ENG 105, 106, and 201. Prerequisite:  Placement into WR 121. | 3 | PO,CE,  CH,BM,  TV,UM, | OSU,  PSU,U  O, |
| \* |  | ENG  203 | Shakespeare | Enhances understanding and appreciation of Shakespeare's achievement  and contribution to literature. Focuses on five or more plays and selected  non-dramatic poetry in order to introduce the study of Shakespeare's  dramatic techniques, character development, and language. The works are  chosen to reflect a broad range of patterns, themes, and genres.  Recommended prior coursework: ENG 105, 106, 201, and 202.  Prerequisite: Placement into WR 121. | 3 | PO,CE,CH  ,BM,TV,U  M,  LB,LA,MH,  RO, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* |  | ENG  204 | Survey of  English  Literature | Literature of the British Isles: Medieval and Renaissance selections, from  Beowulf to Shakespeare. Prerequisite: Placement into WR 121. | 3 | PO,CH,B  M,UM,LA,  MH, OC, | OSU,  PSU,U  O, |
| \* |  | ENG  205 | Survey of  English  Literature | Literature of the British Isles: seventeenth, eighteenth, and early  nineteenth century selections, from Donne through the Early Romantics.  Prerequisite: Placement into WR 121. | 3 | PO,CH,B  M,UM,MH,  LA,  OC,CL, | OSU,  PSU,U  O, |
| \* |  | ENG  206 | Survey of  English  Literature | Literature of the British Isles: nineteenth and twentieth century selections,  beginning with Wordsworth and ending with contemporary works.  Prerequisite: Placement into WR 121. | 3 | PO,CH,B  M,UM,CL,  MH,  OC,LA,  TV, | OSU,  PSU,U  O, |
|  |  | ENG  207 | World  Literature -  Asian | English translations of Indian literature from earliest times to modern. May  include such works and authors as hymns from the Rygveda, the love  stories and the battles of the Ramayana, and the twentieth century authors  Tagore and Rushdie. Prerequisite: Placement into WR 121. | 3 | PO,UM,  LB, | OSU,  PSU,U  O, |
|  |  | ENG  208 | World  Literature -  Asian | English translations of Chinese literature from earliest times to modern.  May include such works and authors as The Book of Songs, Li Po, Tu Fu,  The Journey to the West, and the twentieth century authors Lu Xun and  Ding Ling. Prerequisite: Placement into WR 121. | 3 |  | OSU,  PSU,U  O, |
|  |  | ENG  209 | World  Literature -  Asian | English translations of Japanese literature from earliest times to modern.  May include such works and authors as the Manyoshu, selections from  Heian court diaries, The Tale of Genji, the No, Kabuki, and puppet  theatres, and the twentieth century authors Kawabata, Tanizaki, Hayashi,  Fumiko, and Mishima. Prerequisite: Placement into WR 121. | 3 | PO, | OSU,  PSU,U  O, |
| \* |  | ENG  210 | Non-European  Literature | Representative works of poetry, prose, and drama from cultures outside  Western Civilization. |  | LA, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | ENG  211 | Contemporary  African Lit | Contemporary African Literature Introduces a cross-section of the literature  of Africa from 1960 to the present. Students read works of African authors  who help readers understand the historical, geographical, and cultural  tapestry that make up the African continent. Prerequisite: Placement into  WR 121. | 3 | PO,BM,  RO,CE,  UM,LA,  MH,LB,  CH, | OSU,  PSU,U  O, |
|  |  | ENG  212 | Biography | Explores biography and autobiography from various places and periods.  Prerequisite: Placement into WR 121. | 3 | BM,CE,  UM,CH,  LB,MH,  LA, | PSU,U  O, |
|  |  | ENG  213 | Latin American  Literature | Explores fiction, poetry, drama, myths, and more from Latin America.  Includes works of Hispanic, Indigenous, and Afro-Caribbean origin. All  readings are in English. Prerequisite: Placement into WR 121. | 3 | PO,BM,  LA,CE,  UM,CH,  LB,MH, | OSU,  PSU,U  O, |
|  |  | ENG  214 | Literature of the  Northwest | Studies fictional, factual, and poetic works by Northwest writers from  before the arrival of Euro-Americans to the present. Emphasizes  relationship between Northwest writing and Northwest social, cultural, and  physical environment. Prerequisite: Placement into WR 121. | 3 | PO, | OSU,  PSU,U  O, |
| \* |  | ENG  220 | Intro to Non-  European Lit. | An overview of the literature of one or more non-European cultural groups,  including fiction, poetry, drama and expository prose. Subtitles and  cultural groups may vary |  | CT, |  |
|  |  | ENG  222 | Images of  Women in  Literature | Challenges students to explore images of women in literature. Focuses on  portrayal of the feminine in mythology; conventional images in Western  literature; literature of non-Western cultures or that of other groups within  Western culture in relation to specific themes; or a combination of these.  Students practice literary analysis. Prerequisite: Placement into WR 121. | 3 | PO, | OSU,  PSU,U  O, |
|  |  | ENG  240 | Intro to Native  American Lit | Introduction to Native American Literatures Studies oral and written  composition by Native Americans from both before and after contact with  Euro-Americans. Provides historical, geographical, political, social,  religious, linguistic, aesthetic and ethno poetic contexts for understanding  the various tribal literatures studied. Recommended: some background or  experience in literature is desirable. Prerequisite: Placement into WR 121. | 3 | PO,BM,  TB, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | ENG  244 | Intro to Asian  American Lit | Introduction to Asian American Literature Studies writings in English by  American writers of Chinese, Japanese, Korean, Vietnamese, Filipino,  Pacific Islander, and other Asian ancestry. Considers the writings in their  historical, cultural, political, and social contexts. Emphasizes development  of attitudes, values, and identities. | 3 | BM, |  |
|  |  | ENG  250 | Intro to Folklore  & Mythology | Introduction to Folklore and Mythology Explores origins, nature and  content of myth and folklore. Offers student ability to recognize and  appreciate myths from any culture. Through selected readings, students  become aware of questions about life as expressed in myth. Prerequisite:  Placement into WR 121. | 3 | PO,CH,  TB,UM, | OSU,  PSU,U  O, |
| \* |  | ENG  253 | Survey of  American  Literature | Introduces students to the literature of the land which is now the U.S. from  before European contact through the early nineteenth century. Revolves  around oral and written manifestations of peoples creating and recreating  American culture. Prerequisite: Placement into WR 121. | 3 | PO,CE,  BM,TB,  TV,UM,  SW, | OSU,  PSU,U  O, |
| \* |  | ENG  254 | Survey of  American  Literature | Introduces students to the literature of the land which is now the U.S. from  the mid-nineteenth to the beginning of the twentieth century. Revolves  around oral and written manifestations of peoples creating and recreating  American culture. Prerequisite: Placement into WR 121. | 3 | PO,CE,  CH,BM,  TB,TV,  UM,SW, | OSU,  PSU,U  O, |
| \* |  | ENG  255 | Survey of  American  Literature | Introduces students to the literature of the land which is now the U.S. from  the beginning of the twentieth century to the present. Revolves around oral  and written manifestations of peoples creating and recreating American  culture. Prerequisite: Placement into WR 121. | 3 | PO,CE,  CH,BM,  TB,TV,  UM,SW, | OSU,  PSU,U  O, |
|  |  | ENG  256 | African-  American  Literature | Introduces the literature of the American people whose roots are in Africa,  emphasizing the period of the Diaspora, the Middle Passage, and the  period of slavery. Addresses the African origins of African American  writing, the role of oral storytelling, the slave narrative, and the earliest  literary publications. Focuses on both oral and written texts that represent  the interests, aspirations, and experiences of African Americans.  Prerequisite: Placement into WR 121. | 3 | PO,CH, | OSU,  PSU,U  O, |
|  |  | ENG  257 | African  American  Literature | Introduces literature of Americans whose roots are in Africa. Emphasizes  period Post Civil War through the Harlem Renaissance. Covers "birth" of  African American canon, post-war novels, short stories, poems,  autobiographies, and plays. Literary magazines may be read to introduce  early African American literary criticism. Focuses on oral and written texts  representing interests, aspirations, and experiences of African Americans. | 3 | CH,PO, | PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | ENG  258 | African  American  Literature | Introduces modern and contemporary literature of Americans whose roots  are in Africa. Emphasizes period following Harlem Renaissance.  Introduces writings which came to age after the Harlem Renaissance as  well as contemporary writings. May focus on experimental writings to  understand ways of African and early African American tropes as used in  new and innovative ways. Focuses on oral and written texts representing  interests, aspirations, and experiences of African Americans. | 3 | PO, | PSU,U  O, |
|  |  | ENG  260 | Intro to Women  Writers | Introduction to Women Writers An examination of writing by women.  Students read poetry, fiction, plays, diary and journal entries by women  from various places and periods. Prerequisite: Placement into WR 121. | 3 | PO,CH,  TB, | OSU,  PSU,U  O, |
|  |  | ENG  261 | Literature of  Science Fiction | Introduces literature of speculative or science fiction. Explores historical  and contemporary themes. Covers a variety of authors, and examines the  art and function of this genre of fiction. Recommended: student should  possess sufficient aural/oral skills to fully participate in large and small  group activities. Prerequisite: Placement into WR 121. | 3 | PO,CH, | OSU,  PSU,U  O, |
|  |  | ENG  265 | International  Political Poetry | Develops students' understanding of how poets address issues of class  oppression, economic inequality, racism, sexism, war, and peace. Shows  how poets function as prophets, precursors, dissidents, and recorders.  Prerequisite: Placement into WR 121. | 3 | PO, | OSU,  PSU,U  O, |
|  |  | ENG  275 | Bible as  Literature | Examines selected Biblical literature which continues to influence literary  imagination. Studies literary, cultural, and interpretive contexts in which  Biblical literature was created, and in which it is currently read.  Prerequisite: Placement into WR 121. | 3 | PO,CL, | OSU,  PSU,U  O, |
|  |  | ENG  280 | Cooperative  Work  Experience: | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all aspects of the industry . |  |  |  |
|  |  | ENG  298 |  | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |
|  |  | ENG  299 | Reading  Shakespeare |  | 3 | TB,UM,  CL, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course #** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **GEOGRAPHY** |  |  | Intro to  Physical  Geography | An introduction to the physical elements of geography and the environment in  which people live. The focus is on natural processes that create physical  diversity on the earth. Major topics are weather and climate, vegetation and  soils, and landforms. |  |  |  |
| \* | GEO 101 |  | Physical  Geography | A study of the physical processes which comprise the climatic system, from  the global scale to the local scale. Emphasis on the nature of climatic  variability, its causes, and its implications for human activity. |  |  |  |
| \* | GEO 102 |  | Physical  Geography | Landforms |  |  |  |
| \* | GEO 103 |  | Physical  Geography | Vegetations and Soils |  |  |  |
| \* | GEO 104 |  | Intro to  Physical Geo.  Lab. | Must be taken concurrently with GEO 100 to meet Physical Science  requirement at OSU. |  |  |  |
|  | GEO 105 |  | Intro to Human  Cult Geography | Introduction to Human Cultural Geography Introduces cultural geography  themes: location, human-environment interaction, place, movement, regions,  environmental perception, spatial perspective and cultural landscapes. | 3 | PO,CE,CH,  BM,TV,UM,  MH, | OSU,P  SU,UO, |
|  | GEO 106 |  | Intro to Human  Cult Geography | Introduction to Human Cultural Geography Topics include world population  and food issues, settlement patterns and the spatial examination of cities, and  environmental modifications. | 3 | PO,CE,CH,  BM,TV,UM,  MH, | OSU,P  SU,UO, |
|  | GEO 107 |  | Intro to Human  Cult Geography | Introduction to Human Cultural Geography Covers spatial analyses and  cross-cultural comparisons of international cities and regions with an  emphasis on international economic development. | 3 | PO,CE,  CH,BM,  CO,MH, | OSU,U  O, |
| \* | GEO 110 |  | Intro to Cultural  & Human Geo. | Introduction cultural elements of geography, including human population,  agriculture, political patterns, language, religion, folk culture, popular culture,  urban landscapes, and industry and transportation. | 3 | CT,RO, CL |  |
| \* | GEO 120 |  | World/Regional  Geography |  | 3 | BM, |  |

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| **Main Subject** | **Course #** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | GEO 121 |  | Developing  World | Explores the physical and human environments of the USSR, Japan, Europe,  and North America. Emphasizes development patterns, demographic and  ethnographic features, and regional aspects of agriculture and industry. |  | LB, |  |
| \* | GEO 122 |  | Developed  World | Explores the physical and human environments of Latin America, Africa, the  Middle East, South Asia, China and Southeast Asia. Emphasizes themes  pertinent to economic development--population, agriculture, resources and  environment. |  |  |  |
| \* | GEO 130 |  | Economic/Reso  uce Geography | An introduction to theories and methods of locational analysis of economic  activities within agriculture, manufacturing and selected services. Includes  geographic distributions and area interactions among world regional  economies, and the processes of regional economic development. |  |  |  |
| \* | GEO 140 |  | Map Reading  and  Interpretation | Learning how to use maps for everyday and professional applications. This  course covers major types and sources of maps an aerial imagery, how  information is simplified and sybolized for presentation on maps, and  coordinate and locational systems. | 3 | LB, |  |
|  | GEO 199 |  | Special Topics | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. | 3 |  |  |
|  | GEO 202 |  | Geography of  Europe | Examines the various historical, social, economic and geographic factors that  make the European landscape unique. Reviews Europe's changing patterns  of settlement, the pattern and variety of populations, urbanization and  economic development, the natural environment and regional variations. | 3 | PO, |  |
|  | GEO 206 |  | Geography of  Oregon | Special Studies | 3 | PO,BM, | OSU,P  SU,UO, |
|  | GEO 208 |  | Physical Geog:  Geomorpholog  y | Physical Geography: Geomorphology Examines the processes of landform  evolution and their expression on the surface of the earth. Humankind's  modification of physical processes and resulting environmental impact are  studied. | 3 | PO, | OSU,P  SU,UO, |

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| **Main Subject** | **Course #** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | GEO 209 |  | Phys Geog:  Weather &  Climate | Physical Geography: Weather and Climate Examines the processes of the  atmosphere, the distribution and character of climate types, climate change  and humankind as a modifier of climate. | 3 | PO,CE, | OSU,U  O, |
|  | GEO 210 |  | The Natural  Environment | Focuses on natural processes that create physical diversity on the earth.  Includes weather and climate, vegetation, soils, landforms, ecosystems, their  distribution and significance. | 3 | PO, | OSU,U  O, |
|  | GEO 214 |  | Geography of  Mexico | Examines the various historical, social, economic and geographic factors that  make the Mexican landscape unique. Reviews Mexico's changing patterns of  settlement, the pattern and variety of populations, urbanization and economic  development, the natural environment and regional variations. Much of the  information will be presented through detailed case studies. | 3 | PO, | OSU,P  SU,UO, |
|  | GEO 221 |  | Field Geog:  The Local  Lndscpe | Field Geography: The Local Landscape Includes use of field research  methods, preparation of field base maps and cartographic presentation of  results of field studies in the local area. | 3 | PO, | OSU,P  SU,UO, |
|  | GEO 265 |  | Introduction to  GIS | Geographic Information Systems (GIS) includes theoretical understanding of  GIS and experience using computers to create and analyze maps and  graphs. Introduces the principles and practices of GIS; provides hands-on  experience with computer mapping and map analysis. Applications: site  selection, planning, resource management, real estate, environmental  analysis, and more. | 3 | PO, |  |
|  | GEO 280 |  | Geography | Enables students to extend their knowledge of Geography through work in  settings which provide learning experiences that are not available in the  classroom, but which supplement classroom learning. Under the employer's  supervision the student learnsto apply classroom theory to actual work  situations. Department permission required. | 4 | PO, | OSU,P  SU,UO, |
|  | GEO 290 |  | Environmental  Problems | Provides an opportunity to carry out geographic research related to the  resource, urban and environmental problems examined in GEO 105, GEO  106, GEO 107, GEO 208, and GEO 209. | 3 | PO,MH, | OSU,P  SU,UO, |

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| **Main Subject** | **Course #** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | GEO 298 |  | Independent  Study:  Geography | Offers individualized study at an advanced level in areas of geography not  considered in other courses to meet special interests or program  requirements. Students complete a term project and readings approved by  the instructor. Recommended: prior study of geography. | 3 | PO, | OSU,P  SU,UO, |
|  | GEO 299 |  | Special  Studies:  Geography | Special Studies: Geography Special topics, activities, or projects in an area of  geography not usually covered in depth in other geography courses.  Instructor approval may be required. Recommended: prior study in  geography. | 3 | PO, | OSU,P  SU,UO, |
|  | GS 101 |  | Survey of  Astronomy | A non-lab course offered via television. Topics covered are the same as those  in GS 107. | 3 | PO,TV,  UM, | OSU,P  SU,UO, |
|  | GS 105 |  | Phys Sci  (Chemistry) | Studies the fundamental concepts and principles of chemistry in the physical  world. Examines the development and application of the scientific method.  Prerequisite: GS104 or consent of instructor. | 4 | PO,CH,CL,  TB, TV,UM,  LA,LB,MH,  OC, RO, |  |
|  | GS 106 |  | Phys Sci  (Geology) | Physical Science (Geology) Covers minerals, rocks, volcanism, earthquakes,  plate tectonics, erosion and deposition by wind, glaciers and streams,on by  wind, streams, weathering, fossils and geologic history. | 4 | PO,CH,LA,  TB, TV,UM,  CL,LB,RO,  MH,OC,SW | OSU,P  SU,UO, |
|  | GS 107 |  | Phys Sci  (Astronomy) | Physical Science (Astronomy) Surveys astronomy to include historical  development of the universe, earth as a planet, earth's moon, planets of the  solar system, the sun, stars and galaxies. | 4 | PO,CH,LA,  TB, TV,UM,  CL,LB,RO,  MH,OC,SW | OSU,P  SU,UO, |
|  | GS 108 |  | Phys Sci  (Oceanography  ) | Physical Science (Oceanography) Includes the chemical, biological, physical  and geological nature of the oceans. | 4 | PO,TB,TV,  UM,LB,RA,  SW, | OSU,P  SU,UO, |
|  | GS 109 |  | Phys Sci  (Meteorology) | Physical Science (Meteorology) Covers characteristics of our atmosphere, air  pressure and winds, atmospheric moisture, large air masses, violent storms,  the effect of oceans on weather, and climates. | 4 | PO,TV,LA,  UM,MH,CL,  SW, | OSU,P  SU,UO, |

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| **Main Subject** | **Course #** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **HEALTH / PE /**  **RECREATION**  **DANCE** |  |  |  | **HEALTH** |  |  |  |
|  | HE 110 |  | Cardiopulmona  ry  Resuscitation | Cardiopulmonary Resusitation Emergency care procedures and techniques of  basic life support for adult, children or infant victims of airway obstruction,  respiratory arrest and/or cardiac arrest is covered. | 1 | LB,PO, | UO, |
|  | HE 112 |  | First Aid and  Emergency  Care | Provides training in respiratory emergencies, adult CPR, treating wounds,  bandaging techniques, application of splints and carrying techniques. | 1 | PO,CL, | OSU,P  SU,UO, |
|  | HE 120 |  | Health in the  Dental  Workplace | Provides an opportunity to examine current health issues for personnel  working in the dental areas. Topics include ergonomics, managing stress,  nutrition, personal and dental health. | 2 | CL,TV, |  |
|  | HE 125 |  | First Aid &  Industrial  Safety | Presents an overview of industrial safety regulations, accident prevention,  ergonomics, hazardous materials, first aid and adult CPR. Successful  students attain a First Aid and Adult CPR card. | 3 | PO, | OSU,P  SU,UO, |
|  | HE 199 |  | Special Studies |  |  |  |  |
|  | HE 212 |  | Women's  Health | Examines current women's health issues in the United States, such as heart  disease, osteoporosis, depression, cancer, domestic violence, and how they  influence women's personal and academic success. | 3 | PO, | OSU,P  SU,UO, |
|  | HE 213 |  | Men's Health | Examines general and specific men's health issues such as heart disease,  prostate disorders, impotence and sexual dysfunction, HIV disease, human  relationships and accidents/violence from a holistic wellness perspective. | 3 |  | PSU,U  O, |
| \* | HE 250 |  | Personal  Health | Explores current general health issues in emotional health and stress,  physical fitness, nutrition, human sexuality, communicable and degenerative  diseases and drugs from a wellness perspective. | 3 | PO,CH,  BM,CL,  TB,TV, UM, | OSU,P  SU,UO, |
|  | HE 251 |  | Community  Health | Inquires into the causes and potential solutions for current community health  issues, overviews health care agencies, and explores career opportunities in  community health. | 3 | CL,TV, |  |
| \* | HE 252 |  | First Aid -  Basics and  Beyond | Explores and demonstrates basic first aid plus addresses first aid in remote  settings. | 3 | PO,CH,BM,  CL,UM,LA,  LB, MH,RO | OSU,P  SU,UO, |
|  | HE 262 |  | Child  Health,Nutrition  ,Safety | Children's Health, Nutrition & Safety Explores current health and safety issues  for infants and young children. Issues examined include childhood illnesses  and ailments, nutrition, obesity, stress, safe environment, well-child checks,  self esteem, and general first aid. | 3 | PO, | OSU,P  SU,UO, |
|  | HE 299 |  | Health in the  Dental  Workplace |  | 2 |  |  |

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| **Main Subject** | **Course #** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | HEC/HDF  S 201 |  | Individual &  Family  Development |  |  |  | OSU,L  BCC |
|  | HEC/HFM  225 |  | Human  Nutrition | The relationship of food, its nutrients and other components to the promotion  of health and fitness with emphasis on the young adult. Current health  concerns on a national and international level. | 4 | PO, |  |
| \* | HEC/AIH  M 240 |  | Introduction to  Interiors | Decision making in the selection of interior furnishings to meet human needs  including aesthetic and construction features, economic considerations,  planning and arrangement furnishings. |  |  |  |
| \* | HEC/AIH  M 244 |  | Presentation  Tech. For  Interiors | Practical graphic communication skills for preparation of interiors and their  arrangement. Emphasis on a professional, non-mechanical apprach for  illustrating interior enviroments. Primary focus will be on pencil, ink, and  marker techniques. |  |  |  |
| \* | HEC/AIH  M 250 |  | Textiles | Students study various aspects of textiles, including construction, structure,  properties, care and use of fibers, yarns and fabrics. | 4 | PO, |  |
| \* | HEC/AIH  M 255 |  | Textiles | Properties, identification, selection use and care of textile fibers and fabrics.  Analysis of fiber, yarn, fabric construction, color and finish in textiles.  Lecture/Lab. Prerequisites: CH 104 or CH 105 or CH 106. |  |  |  |
| \* | HEC/NFM  225 |  | Human  Nutrition | The relationship of food, its nutrients and other components to the promotion  of health and fitness with emphasis on the young adult. Current health  concerns on a national and international level. | 4 | PO, |  |
| \* | HEC/HDF  S 242 |  | Managing  Roles Across  Life | Presents information on balancing the demands of school, work and family.  Covers the work family lifestyle, handling stress, communication skills, time  and money management. |  | LB,CH |  |
| \* | HPE 295 |  | Health &  Fitness for Life | Health and Fitness for Life Explores the role of wellness, physical fitness,  stress, nutrition and cardiovascular health in promoting an individual's health  and well being. Fitness testing and fitness lab are included. | 3 | PO,CH, | OSU,P  SU,UO, |
|  | HPE 296 |  | Health & Fit for  Industry I | Health and Fitness for Industry I Explores the roll of wellness, physical fitness,  stress, nutrition and cardiovascular health in promoting an individual's health  & well-being. Individual exercise program planning with emphasis on skills  needed for industry and non-traditional occupations. Corequisite: Concurrent  enrollment in HPE lecture section. | 2 | PO, | OSU,P  SU,UO, |
|  | HPE 297 |  | Health & Fitness  for Ind II | Health and Fitness for Industry II Continuation of fitness lab principles begun  in HPE 296. Prerequisite: HPE 296. | 2 | PO, | OSU,P  SU,UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **HEALTH / PE /**  **RECREATION**  **DANCE** |  |  |  | **PE** |  |  |  |
|  |  | PE 181E | Circuit Weight  Training 2-  Coed | Circuit Weight Training 2 - Coed Cardiopulmonary and strength fitness are  maintained/improved through the use of multiple weight and aerobic  stations, based on a structured time and rotation system. | 1 | PO, | OSU,  UO, |
|  |  | PE 182A | Beg Aerobic  Fitness-Coed | Beginning Aerobic Fitness - Coed Offers students knowledge and skills to  keep fit for life. Teaches safe performance of movement and exercise in a  progressive approach. Includes cardiovascular and muscular endurance,  flexibility and body composition. Aerobic training principles stressed using  target heart rate and Borg methods. | 1 | PO, | OSU,  PSU,  UO, |
|  |  | PE 182B | Int Aerobic  Fitness-Coed | Intermediate Aerobic Fitness - Coed Offers students an opportunity to  improve and/or maintain a high level of fitness. Includes cardio-vascular  endurance, muscular endurance, flexibility, and body composition.  Recommended: Beginning Aerobic Fitness or a recent aerobic  dance/exercise class. | 1 | PO, | OSU,  UO, |
|  |  | PE  182C | Beginning  Fitness and  Walking | Beginning level, self-paced walking programs and a variety of conditioning  exercises for specific body areas. Provides instruction for integrating  walking into a lifetime fitness program. | 1 | PO,TB, | OSU,  UO, |
|  |  | PE  182D | Intermediate  Fitness &  Walking | Improves fitness through self-paced walking programs designed to increase  the frequency and duration of regular workouts. Incorporate a walking  program into a total fitness program for future use. Recommended:  Beginning Fitness and Walking or average fitness level. | 1 | PO,TB, | OSU,  UO, |
|  |  | PE 182E | Jogging for  Health | Introduces the student to proper running technique and provides the  opportunity to improve general fitness. Running will be done on the track  until student and instructor feel the student is ready to run on the road. | 1 | PO, | OSU,  UO, |
|  |  | PE 182F | Beginning  Triathlon  Training | Basic knowledge and practical competency to safely and effectively train for  a mini to half triathlon. Focuses on specific training methods, sports nutrition  and basic physiology. Recommended: Basic bicycle riding skills. | 1 |  |  |
|  |  | PE  182G | Ski  Conditioning | Designed to improve flexibility, strength, and general physical fitness.  Emphasis will be placed on activities that relate directly to skiing  techniques. | 1 |  |  |
|  |  | PE  182H | Adult Fitness |  | 1 | PO,TB, | OSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | PE 182J | Stress  Reduction/Phy  sical Ed | Stress Reduction/Physical Education Designed to recognize and reduce  tension in various parts of the body through physical, progressive or  auto-genic methods. | 1 |  |  |
|  |  | PE 182K | Yoga I | Exercises and activities which strengthen and condition specific large  muscle groups, improve cardiovascular fitness and flexibility. | 1 | PO, | OSU,  UO, |
|  |  | PE 182L | Yoga II | Expand knowledge, application and skill in Hatha Yoga. Offers exposure to  other areas of health care and an opportunity to study a selected topic in  depth. Recommended: prior class in Hatha Yoga. | 1 | PO, | OSU,  UO, |
|  |  | PE  182M | Lifetime  Weight  Management | Introduces the student to the values and skills of Hatha Yoga (Yoga of  exercise). Includes basic Yoga philosophy and exercises for increased  flexibility, improved health, relaxation, and reduced stress in daily living. | 1 |  |  |
|  |  | PE  182N | Corrective  Physical  Education | Individualized, self-paced exercise and swim programs for students with  acute or chronic injuries or disabilities. Instructed and supervised by a  physical therapist. Conference with instructor prior to participation required. | 1 | PO, | OSU,  UO, |
|  |  | PE  182O | Cross  Aerobics | Self-paced exercise program directed toward the sedentary individual.  Exploration of the causes of weight gain, consequences of over-weight,  obstacles to weight loss and strategies for lifetime weight management. | 1 |  |  |
|  |  | PE 182P | Body in  Balance | Offers knowledge and skills in a method of conditioning exercise designed  to increase core strength and stabilization, muscle balance, tone,  coordination, and flexibility. Uses non-impact exercises to develop whole  body awareness, improve posture. Can be modified to various fitness  levels. | 1 |  |  |
|  |  | PE  182Q | Prescribed  Self-Paced  Fitness | Provides opportunity to develop regular physical fitness habits for everyday  schedule. Faculty member prescribes/assesses student through pre/post  fitness testing and required consultations. Not intended for those with  limited fitness levels or other chronic/acute conditions (see PE 182N.)  Requires active email account. | 1 |  |  |
|  |  | PE  182R | Back Care | Explore appropriate exercises, body mechanics, posture, and other  techniques for prevention and relief of back pain. | 1 |  |  |
|  |  | PE 183A | Beginning  Bowling | Covers four step approach, pendulum swing, strike and spare ball delivery.  Also covers score keeping, bowling terminology, and etiquette in match  play. | 1 |  | PSU, |
|  |  | PE  183C | Advanced  Bowling | Focuses on approach, ball swing, delivery and equipment requirements for  changing lane conditions. Emphasizes physical and emotional preparation  to compete in league and match play. Recommended: Intermediate bowling  or equivalent. | 1 |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | PE 183E | Beginning  Tennis | Includes basic history/terminology/etiquette/strategy and skills of game. | 1 | PO, | OSU |
|  |  | PE 183F | Intermediate  Tennis | Builds further on the beginning techniques of the game. Emphasizes  singles, doubles and competition play. | 1 |  | UO, |
|  |  | PE  183G | Beginning Golf | Emphasizes fundamental techniques in the use of all clubs along with an  understanding and appreciation of rules, course management and etiquette.  Playing a few rounds outside of class is required. In-class time is spent on  the range, putting green, pitching area and in video assessment sessions. | 1 | PO, | OSU,  UO, |
|  |  | PE  183H | Intermediate  Golf | Emphasizes proper use of all clubs under variable conditions. Focuses on  rules, etiquette and course management. Requires several out-of-class  rounds. | 1 | PO, | OSU,  UO, |
|  |  | PE 183K | Pickleball -  Badminton | Pickleball/Badminton Introduces the fundamentals of pickleball and  badminton. Racquet grip, hitting strokes, court position, strategy and rules  of the games will be taught. | 1 |  |  |
|  |  | PE 183L | Pickleball | Fundamentals and strategy of the game. Course includes terminology,  etiquette, strategies, and skills of game. Singles, doubles and competition  play will also be taught. | 1 |  |  |
|  |  | PE  183N | Racquet  Sports | Introduces two court games: pickelball and badminton. Several weeks spent  with each game emphasizing rules, equipment, technique and strategy for  both singles and doubles play. Most class time spent in game play. | 1 |  |  |
|  |  | PE  183O | Beginning  Table Tennis | Introduces fundamentals of table tennis skills in singles/doubles, serving,  smashing, forehand/backhand rules and strategy. Knowledge and  recreational play emphasized. | 1 | PO, | OSU,  UO, |
|  |  | PE 183P | Intermediate  Table Tennis | Reviews strokes, strategies, and skills in singles and doubles play.  Emphasizes recreational and competitive play. Recommended: Beginning  table tennis skills. | 1 | PO, | OSU,  UO, |
|  |  | PE  183Q | Advanced  Table Tennis | Review skills, strokes and strategies used in singles and doubles play.  Prepare for competition necessary to play. Recommended: Beginning,  intermediate table tennis or equivalent experience. | 1 | PO, | OSU, |
|  |  | PE  183R | Beginning  Karate I | Introduces a working knowledge of the fundamental techniques employed in  the art of Karate-Do. | 1 | PO, | OSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | PE 183S | Beginning  Karate II | Progressive continuation of fundamental techniques employed in the art of  Karate-Do. Recommended: Beginning Karate I or equivalent. | 1 | PO, | OSU,  UO, |
|  |  | PE 184A | Beginning  Skiing - Nordic | Designed to teach beginning nordic skiers proper skiing technique for  groomed tracks and un groomed snow conditions. Emphasizes speed  control, efficient body movement and safety. Basics of winter survival,  proper clothing, and trail etiquette are also emphasized. | 1 | PO, | OSU,  PSU |
|  |  | PE 184B | Intermediate  Skiing - Nordic | Emphasizes techniques to increase power and control in the diagonal  stride, speed control in varied downhill conditions, varied turning maneuvers  and beginning skating and telemark skiing Recommended: experience in  basic cross country skiing. | 1 | PO, | OSU, |
|  |  | PE  184C | Adv Skiing -  Nordic | Advanced Skiing - Nordic Designed to teach student who can perform  dynamic diagonal stride and turning maneuvers to perform dynamic  technique adjustments to timing, terrain changes, turning for speed control  and efficiency in skating and telemark skiing. Addresses terrain changes,  weather and snow conditions. | 1 |  |  |
|  |  | PE  184D | Beginning  Skiing - Alpine | Designed to teach inexperienced skiers to link turns together with control on  beginning and beginning/intermediate terrain. Introduces the fun of downhill  skiing and emphasizes skills necessary to ski safely on appropriate terrain.  Addresses the variables of weather and snow conditions. | 1 |  | UO, |
|  |  | PE 184E | Intermediate  Skiing - Alpine | Opportunity for continued improvement in safe, enjoyable skiing for  students capable of beginning wedge christies. Includes skidded parallel  turns of varying radii with control on intermediate and beginning  beginning/advanced terrain. Addresses variables of weather, snow  conditions, and terrain. Recommended: Beginning Alpine class or  equivalent. | 1 | PO, | OSU,  UO, |
|  |  | PE 184F | Advanced  Skiing - Alpine | Ski on intermediate/advanced terrain with dynamic parallel turns. Apply  edging, pressure control, rotary and balancing movements to allow  confidence and versatility on steeper terrain and in varying snow conditions.  Addresses variables of weather, snow conditions, and terrain.  Recommended: Intermediate Alpine class or equivalent. | 1 |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | PE  184G | Skiing the  Deep and the  Steep | Master a variety of ski turns in difficult conditions such as deep, wet snow,  powder, ice and on more difficult terrain such as mogals. Stresses refining  and adapting existing skills to new situations and experimenting with all  conditions. Recommended: Advanced Skiing class or equivalent. | 1 |  |  |
|  |  | PE  184H | Beginning Ski  Racing | Designed to teach high intermediate and advanced skiers the basic  technique and tactics of ski racing. Students will be taught to ski more  efficiently at higher speeds through a race course and in their free skiing. | 1 |  |  |
|  |  | PE 184I | Beginning  Snowboard  Skiing | Basic skills necessary for safe and fun snowboarding on appropriate terrain  will be taught. Also skidded turns with control on beginning and  beginning/intermediate terrain. The variables of weather and snow  conditions will be addressed. | 1 | PO, | OSU,  UO, |
|  |  | PE 184J | Intermediate  Snowboard  Skiing | Continues refinement of basic skills. Students will be taught to link  beginning carved turns with rhythm and control on intermediate and  beginning advanced terrain. Stresses safe boarding with improvement in  skill applications. The variables of weather and snow conditions will be  addressed. Recommended: Beginning Snowboarding class or equivalent. | 1 | PO, | OSU, |
|  |  | PE 184K | Alpine Ski  Instructor  Training | Develops skills needed to teach alpine skiing. American Teaching System  progression will be taught from first day through open parallel turns. Skills  concept, demonstrations, class safety and handling, movement analysis  and limited practice teaching will be covered. Recommended: Advanced  Alpine Skiing or equivalent. | 1 |  | UO, |
|  |  | PE 184L | Nordic  Downhill-  Telemark | Nordic Downhill - Telemark Introduces intermediate/advanced cross-country  skiers to the pleasures of skiing downhill with control on telemark  equipment. Wedge turns, christies, wedge and open telemark turns will be  taught on beginning and intermediate terrain, and linked turns for control will  be emphasized. Variables of weather, snow conditions, terrain will be  addressed. | 1 |  |  |
|  |  | PE 185A | Beginning  Basketball | Provides instruction in basketball fundamentals, skills, and rules through  drills and game play. | 1 | BM,CT,PO,  CL, KL,CE,  TV,KL,SW,  UM, | PSU,  UO, |
|  |  | PE 185B | Intermediate  Basketball | Provides instruction and opportunity to develop skills and knowledge above  the basic level. Implements set plays and skills through drills and game  play. Beginning basketball skills required. | 1 | BM,CT,  PO,CL,  KL,CE,  TV,KL,  SW,UM, | OSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | PE  185C | Advanced  Basketball | Emphasizes continued development of skills necessary to participate in  basketball at an advanced level through game play and drills.  Beginning/Intermediate basketball skills required. | 1 | BM,CT,PO,  CL, KL,CE,  TV,KL,  SW,UM, | OSU,  UO, |
|  |  | PE  185D | Beginning  Volleyball | Includes basic history, terminology, etiquette, strategies and skills of game. | 1 | BM,CT,PO,  CL, KL,CE,  TV,KL,  SW,UM, | UO, |
|  |  | PE 185E | Intermediate  Volleyball | Builds further on the beginning techniques of the game. Emphasizes team  play, special situations and officiating. Beginning volleyball class or  instructor permission required. | 1 | BM,CT,  PO,CL,  KL,CE,  TV,KL,  SW,UM, | OSU,  UO, |
|  |  | PE 185F | Advanced  Volleyball | Builds further on the intermediate techniques of the game. Emphasizes  team play, offensive/defensive situations and other advanced skills of  spiking, team blocking and shoulder roll. Beginning volleyball and  intermediate volleyball skills or instructor permission required. | 1 | BM,CT,  PO,CL,  KL,CE,  TV,KL,  SW,UM, | OSU,  UO, |
|  |  | PE  185G | Beginning  Soccer | Basic skills, rules, and strategies for soccer will be taught. Includes  dribbling, kicking, trapping, heading, throw-in, tackling, shooting, goalie  play, corner kicks, goalie kicks, penalty kicks, soccer formations (5-3-2, 4-3-  3, 3-3-4, 2-4-4), defensive play, offensive play, rules of soccer. | 1 | PO, | OSU,  UO, |
|  |  | PE  185H | Advanced  Soccer | Presents more advanced soccer skills, strategies and rules not covered in  the beginning course. Includes footwork (trapping, feinting, shielding,  dribbling), tackling, volley kicking, shooting, heading, goalkeeper play,  soccer formations, defense, offense, rules. Beginning and intermediate  soccer skills required. | 1 | PO | OSU,  UO, |
|  |  | PE 185I | Flag Football-  Coed | Covers skills, rules and strategies. Emphasizes individual and team  offensive, defensive and kicking techniques as well as concepts of team  organization and play. Considerable time is spent playing the game. | 1 | PO, | OSU,  UO, |
|  |  | PE 185J | Softball - Coed | Emphasizes team play, strategy and individual skills. Included are: batting,  running bases and sliding, throwing from outfield, throwing from infield,  pitching, catching, fielding and communication. Time is divided between  drills and game play. | 1 | PO, | OSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | PE 185K | Slow pitch  Softball - Coed | Uses basic rules and skills of softball, altered for slow pitch. Generally  utilizes equal numbers of men and women in playing positions. | 1 | PO, | UO, |
|  |  | PE 185L | Intermediate  Soccer | Applies skills acquired in basic/beginning soccer play. Utilizes kicking,  passing, dribbling, heading, play strategies, and goal-keeper skills. May be  played on outdoor field or altered for indoor play. | 1 | PO, |  |
|  |  | PE 186A | Ballet I | Provides knowledge and skills in the fundamentals of classical ballet  technique and vocabulary. Class work includes barre, center, and traveling  exercises to develop and improve posture, coordination, strength, flexibility,  rhythm and balance. | 1 | PO, | OSU,  PSU,  UO, |
|  |  | PE 186B | Ballet II | Provides knowledge and skills in beginning/intermediate classical ballet  technique and vocabulary. Class work includes barre, center, and traveling  exercises, to develop and improve posture, coordination, strength, flexibility,  rhythm and balance. Recommended courses are PE 186A, D192A, or their  equivalent. | 1 | PO, | OSU,  UO, |
|  |  | PE  186C | Ballet III | Continues the development of classical ballet technique at the intermediate  level, emphasizing greater control, speed, stamina, and vocabulary.  Through more challenging combinations. Recommended courses are PE  186I, D 192C, or equivalent. | 1 |  |  |
|  |  | PE  186D | Intermediate  Ballet | Continues the development of classical ballet technique at the intermediate  level; builds on basic skills, incorporates and stresses greater control,  speed, stamina, vocabulary, and proficiency in movement through longer  movement combinations. PREREQ: PE 186B or equivalent, or instructor  permission. | 1 |  |  |
|  |  | PE 186F | Beginning  Jazz Dance | Introduces beginning jazz dance technique. Emphasizes and develops  correct body alignment, coordination, strength, flexibility, rhythm, and  movement awareness. Includes jazz dance vocabulary and simple dance  combinations. | 1 | PO, | OSU,  UO, |
|  |  | PE  186G | Intermediate  Jazz Dance | Continues study of jazz dance technique at the beginning/intermediate  level. Emphasizes body alignment, balance, strength, flexibility, stamina,  musicality, and style in dance phrases and combinations. Recommended  courses are PE 186F, D 150, or their equivalent. | 1 | PO, | OSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | PE  186H | Advanced  Theatrical  Jazz Dance | Continues study of knowledge and skills in jazz dance technique at the  advanced level. Emphasizes body alignment, balance, strength, flexibility,  speed, stamina, musicality, and style in more challenging combinations.  Recommended courses are PE 186G, D 151, equivalent. | 1 |  |  |
|  |  | PE 186I | Beginning  Modern Dance | Introduces beginning modern dance technique. Includes development of  dance fundamentals, terminology, alignment, coordination, control,  movement awareness and improvisation. | 1 | PO, | OSU,  UO, |
|  |  | PE 186J | Intermediate  Modern Dance | Continues study of modern dance techniques including alignment,  coordination, vocabulary, axial and loco motor movements, rhythm,  dynamics, and improvisation. Recommended courses are PE 186I, D 192C,  or their equivalent. | 1 |  |  |
|  |  | PE 186K | Tap Dance I | Introduces beginning skills in tap dance. Covers basic steps, terminology,  rhythms, and combinations. | 1 |  |  |
|  |  | PE 186L | Bas Dance:  Ballrm,Country  ,Folk | Basic Dance: Ballroom, Country, Folk Offers instruction in ballroom, folk  and country western dance. Includes instruction, practice time, and  development of personal confidence in a social setting. Coursework  develops coordination, rhythm, and knowledge of basic dance skills. | 1 | PO, | OSU, |
|  |  | PE  186M | Beginning  Ballroom  Dance | Introduces basic patterns in five ballroom dances (fox -trot, swing, rumba,  cha cha, and waltz). Includes a basic knowledge of lead and follow, timing  and identification of different rhythms. | 1 |  |  |
|  |  | PE  186N | Intermediate  Ballroom  Dancing | Continues development and refinement of skills in ballroom dance. Practice  and improvement of rhythm, styling, dance variations, and dynamics. | 1 |  |  |
| \* |  | PE 194 | Professional  Activities | For physical education majors and minors. Basic skills, methods, and  techniques of teaching physical education. May include: basketball,  volleyball, fundamentals of movement, aquatics, conditioning, tennis,  badminton, or track and field, etc. |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | PE 199 | Special  Topics: | Physical Education: Special Topics Presents new or experimental subject  matter, activities, or methods within physical education, fitness, and dance. | 1 | PO,BM,CL,  TV,UM, | OSU,  UO, |
|  |  | PE 199A | Tai Chi | Explore this ancient form of gentle movement which emphasizes balance  and coordination. Learn the short form of the Yang Family, Bejing style of  Tai Chi, in this easy-to-follow format. Gain strength while you relieve tension  and reduce stress. | 1 | PO, | OSU,  UO, |
|  |  | PE 199S | Introduction to  Scuba Diving | Focuses on the knowledge, training and safety skills needed to safely enjoy  the sport of scuba diving in the northwest. Prepares student for required  scuba diving certificate. Intermediate swimming ability or instructor consent  required. | 1 |  |  |
|  |  | PE 209A | Dance  Performance/  Production | Dance Performance and Production Offers practical experience in  rehearsing and presenting a dance performance. Recommended courses:  two dance technique courses or equivalent. | 3 |  |  |
|  |  | PE 280 | Cooperative  Work  Experience: | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all aspects of the industry . |  |  |  |
|  |  | PE 281 | Profess  Activities:Wt  Training | Professional Activities: Weight Training Work with a faculty mentor to  develop knowledge and skill in weight training. Design programs for circuit  training and strength and endurance training. Includes equipment selection,  teaching methods and safety guidelines. Recommended: Enrollment in  Fitness Technology program. Prerequisite: PE 181A or PE 181B or PE  181C. | 2 |  |  |
|  |  | PE 282A | Prof Activities:  Aerobic  Fitness | Professional Activities: Aerobic Fitness Work with a faculty mentor to  explore and develop knowledge about aerobic fitness. Covers components  of aerobic fitness, styles of aerobic exercise, and teaching methods.  Recommended: Enrollment in Fitness Technology Program. Corequisite:  Concurrent enrollment in PE 182A, 182B, or instructor permission. | 1 |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | PE 282B | Prof Activities:  Sp  Populations | Professional Activities: Special Populations Work with a faculty mentor to  explore and develop fitness programs that meet the needs and abilities of  special populations. Emphasizes adaptive equipment, rehabilitation goals,  and safe progressions. Recommended: Enrollment in Fitness Technology  Program. | 1 |  |  |
|  |  | PE 287 | Professional  Activities-  Aquatic | Professional Activities - Aquatics Work with a faculty mentor to develop  knowledge and skill in aquatics. Explores the use of swimming and water  exercise to achieve total fitness. Recommended: Enrollment in Fitness  Technology Program. prerequisite: Concurrent enrollment in PE 180H or PE  180G, or instructor permission. | 1 |  |  |
| \* |  | PE 291A | Lifeguard  Training | Designed to help students learn, practice, and develop the skills of water  safety. Successful completion results in receiving an American Red Cross  Lifeguard Training certificate. Red Cross swim screening test required. | 2 | PO,BM, | OSU,  PSU,  UO, |
| \* |  | PE 292A | Water Safety  Instructor | Teach swimming and water safety and further develop personal skills in  these areas. Successful completion leads to receiving the American Red  Cross Water Safety instructor (WSI) certificate. Students must be at least  17 years of age, skilled at intermediate swim level, and have completed  pertinent Red Cross requirements. | 2 | PO,BM, | OSU,  PSU,  UO, |
| \* |  | PE 293 | Life Guard  Training  Instructor | How to teach Life guarding. Successful completion leads to the American  Red Cross Life guard Tr aining Instructor certificate. prerequisites: Students  must be at least 17 years of age; possess a current American Red Cross  Certificate; and Introduction to Health Service Education certificate or  Instructor Candidate Training certificate |  |  |  |
| \* |  | PE 294 | Professional  Activities | For physical education majors and minors. Basic skills, methods, and  techniques of teaching physical education. |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **HEALTH / PE /**  **RECREATION**  **DANCE** |  |  |  | **DANCE** |  |  |  |
|  |  | D 150 | Jazz Dance I | Introduces the fundamentals of jazz dance technique. Emphasizes and  develops body alignment, coordination, strength, flexibility, rhythm, and jazz  dance vocabulary in simple dance combinations. | 2 | PO, | OSU,  PSU,  UO, |
|  |  | D 151 | Jazz Dance II | Continues development of jazz dance technique at the advanced  beginning/intermediate level. Emphasizes increased stamina, strength,  control, vocabulary and musicality. Recommended courses: D 150 or PE  186F, or equivalent. | 2 | PO, | OSU,  PSU,  UO, |
|  |  | D 152 | Jazz Dance III | Continues development of jazz dance technique at the intermediate level.  Emphasizes greater speed, control, musicality, and dynamics in longer,  more challenging combinations. Recommended courses: D 151 or PE  186G, or equivalent. | 2 | PO, | OSU,  PSU,  UO, |
|  |  | D 155 | Dance  Techniques |  | 2 |  | UO, |
|  |  | D 156 | Dance  Techniques II |  | 2 | PO |  |
|  |  | D 169 | Musical  Theater Dance | Covers dance forms and styles used in the musical theater. Includes basic  dance skills, terminology, and dance excerpts from musical theater shows.  Recommended courses: Two dance technique courses or previous dance  training. | 2 | PO, | OSU,  PSU,  UO, |
|  |  | D 173 | Tap Dance I |  | 2 |  | UO, |
|  |  | D 174 | Tap Dance II |  | 2 |  | UO, |
|  |  | D 175 | Tap Dance III | Presents knowledge and skills in basic tap steps and vocabulary, use of  rhythms, and simple tap dance combinations. | 2 | PO, | OSU,  PSU,  UO, |
|  |  | D 180 | Modern Dance  I Intermediate |  | 2 | PO |  |
|  |  | D 188 | Jazz Dance I-  Intermediate |  | 2 |  |  |
|  |  | D 192 | Ballet I | Offers knowledge and skill development in the basics of classical ballet  technique. Emphasizes correct alignment, basic barre work, simple center  floor work, and ballet vocabulary. | 2 | PO,CT, | OSU,  PSU,  UO, |
|  |  | D 192 | Ballet II | Continues development of knowledge and skills in classical ballet technique  at the intermediate level. Designed to develop control, balance, strength,  quality of movement and ballet vocabulary. Recommended courses: D  192A, or PE 186A, or equivalent. | 2 | PO, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | D 192 | Modern Dance  I | Presents knowledge and skills in beginning modern dance technique.  Includes dance fundamentals, vocabulary, and improvisation, emphasizing  alignment, coordination, and awareness of movement. | 2 | PO,CT, | OSU,  PSU,  UO, |
|  |  | D 192 | Dance Lab:  Modern II | Continues development of modern dance technique. Includes technique  and improvisation, emphasizing alignment, strength, coordination,  musicality, and dynamics. Recommended courses: D 192C, or PE 186I, or  equivalent. | 2 | PO,CT, | OSU,  PSU,  UO, |
|  |  | D 194 | Pointe II-B |  | 2 |  |  |
|  |  | D 194 | Pointe II-C |  | 2 |  |  |
|  |  | D 196 | African Dance  I-A |  | 2 |  |  |
|  |  | D 196 | African Dance  I-B |  | 2 |  |  |
|  |  | D 196 | African Dance  I-C |  | 2 |  |  |
|  |  | D 199 | Ethnic Dance |  | 2 | PO |  |
|  |  | D 209 | Dance  Performance | Offers practical experience in rehearsing and presenting a dance  performance. Recommended courses: Previous dance training or audition. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | D 251 | Introduction to  Dance | Introduces dance as a performing art through historical overview,  examination of techniques and aesthetics of ballet, modern dance, and jazz  dance, and viewing dance videos. Examines dance as cultural and creative  expression in Western civilization, and the role of dance in contemporary  society. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | D 260 | Dance Improv.  & Composition | Dance Improvisation & Composition Covers basic elements of dance design  and composition. Explores movement in time, space and form through  improvisations and assignments. Recommended courses: Two dance  technique courses or equivalent. | 2 | PO, | OSU,  PSU,  UO, |
|  |  | D 288 | Jazz Dance II-  Advanced | This course offers students pro actical experience in the organization,  rehearsal, and presentation of dance/movement performances. Students  must audition or have instructor permission and may earn one to three  credits depending on hours involved. Some technical production elements  may also be explored. | 2 |  |  |
|  |  | D 292 | Ballet III | Continues development of classical ballet technique at the intermediate  level. Incorporates longer, more challenging combinations designed to  increase speed, control, use of upper body, stamina, and musicality.  Recommended courses: D 192B, or PE 186B, or equivalent. | 2 | PO, | OSU,  PSU,  UO, |
|  |  | D 296 | Pointe III |  | 2 |  |  |
|  |  | D 299 | Dance  Performance |  | 4 | PO |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **HISTORY** | HST 101 |  | West Civ:  Ancient Wrld  to 1200 | Western Civilization: Ancient World to 1200 Studies the ancient civilizations  of Egypt, Mesopotamia, Greece and Rome. Covers development of  Christianity and Medieval Europe. | 3 | PO,CH,  BM,TB, TV,  CG, CT,  CE, | OSU,  PSU,  UO, |
| \* | HST 102 |  | West Civ:  1200-1799 | Western Civilization: 1200-1799 Studies early Modern Europe including  Renaissance, Reformation, Scientific Revolution and the French Revolution. | 3 | PO,CH,  BM,TB,  TV,CG,  CE,CT | OSU,  PSU,  UO, |
| \* | HST 103 |  | West Civ:  1799 to  Present | Western Civilization: 1799 to the Present Studies history of the 19th and  20th centuries, including the Industrial Revolution, nationalism, imperialism,  socialism, world wars, the Russian Revolution and Nazism. | 3 | PO,CH,  BM,TB,  TV,CG,  CE,CT, | OSU,  PSU,  UO, |
| \* | HST 104 |  | Hst East Civ:  Middle East | History of Eastern Civilization: Middle East Surveys the Middle East from  ancient to modern times. Includes political, economic, social, religious and  diplomatic events from pre-history to modern times. | 3 | PO,TB,  UM,CG,  CE,LA, RO, | OSU,  PSU,  UO, |
| \* | HST 105 |  | Hst East Civ:  India &  Subcon | History of Eastern Civilization: India and Subcontinent Surveys India and  Subcontinent. Includes political, economic, social, religious, and diplomatic  events from pre-history to modern times. | 3 | PO,UM,  RO,KL,  CE,LA, | OSU,  PSU,  UO, |
| \* | HST 106 |  | Hst East Civ:  Far East | History of Eastern Civilization: Far East Surveys the Far East regions of  Asia. Includes political, social, religious and diplomatic events from pre-  history to modern times. | 3 | PO,UM,  KL,CO, LA,  RO, | OSU,  PSU,  UO, |
| \* | HST 110 |  | History of  Eastern  Civilization | Studies central Asia including the area from Pakistan to Burma. |  | OC,MH,  CH,SW,  BM, |  |
| \* | HST 111 |  | History of  Eastern  Civilization | Studies the Far East including China, Japan, Korea and Indochina  (primarily Vietnam). |  |  |  |
| \* | HST 112 |  | History of  Eastern  Civilization | Studies the Middle East ranging from North Africa eastward to Iran. |  |  |  |
|  | HST  199A |  | The Lewis and  Clark  Expedition | Studies the many aspects of the Lewis and Clark expedition. Covers  objectives of the expedition and how the expedition has been interpreted. | 3 | PO,CH, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | HST  199B |  | Hst of the Mid-  Columbia Area | History of the Mid-Columbia Area | 3 |  |  |
| \* | HST 201 |  | Hst of U.S.:Col  Period to 1840 | History of the U.S.: Colonial Period to 1840 Studies cause and effect, and  significant trends and movements related to political, social and economic  ideas and events from Colonial times to 1840. | 3 | PO,CH,  BM,TB,  TV,UM, | OSU,  PSU,  UO, |
| \* | HST 202 |  | Hst of U.S.:  1840 to 1914 | History of the United States: 1840 to 1914 Studies cause and effect, and  significant trends and movements related to political, social and economics  ideas and events from 1840 to 1914. | 3 | PO,CH,  BM,TB,  TV,UM, | OSU,  PSU,  UO, |
| \* | HST 203 |  | Hst of U.S.:  1914 to  Present | History of the United States: 1914 to Present Studies cause and effect, and  significant trends and movements related to political, social and economic  ideas and events from 1914 to present. | 3 | PO,CH,  BM,TB,  TV,UM, | OSU,  PSU,  UO, |
|  | HST 204 |  | Hst Women-  U.S.: Colonial-  1848 | History of Women in the U.S.: Colonial to 1848 Examines women's work,  both domestic and in the labor force, education, religion, voluntary activities,  social reform, and suffrage. Explores class, ethnic, racial and regional  diversity. | 3 | PO,TB, | OSU,  PSU,  UO, |
|  | HST 205 |  | Hst Women-  U.S.: 1848-  1920 | History of Women in the U.S.: 1848 to 1920 Examines women's work in a  maturing industrial economy, women's social reform activities, and changing  family and social relationships. Explores class, ethnic, racial, and regional  diversity. | 3 | PO,TB, | OSU,  PSU,  UO, |
|  | HST 206 |  | Hst Women-  U.S.:1920 to  Present | History of Women in the U.S.: 1920 to Present Examines women's work,  family, social reform, and educational experiences in modern America and  traces the history of the feminist movement. Explores class, ethnic, racial,  and regional variation. | 3 | PO,TB,CG, | OSU,  PSU,  UO, |
|  | HST 218 |  | Native  American  Indian History | Explores examples of Indian culture, general history of Indian life during the  white occupation of North America and nature and effects of Native  American and European American contact and conflict. | 3 | PO,TB,  CG,CH, | OSU,  PSU,  UO, |
|  | HST 220 |  | Labor History | Surveys the American labor movement beginning with Colonial times.  Emphasizes the development of labor organizations and their effectiveness  in improving the life of the American worker. Explores the changing roles of  economic forces, technology and politics. | 3 | PO, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | HST 225 |  | Hst of Wom,  Sex, & The  Family | History of Women, Sex, and the Family Examines the role of women, sex  and family in the social development of Europe and America from ancient  time to present. | 3 | PO,CG,  MH, | OSU,  UO, |
|  | HST 240 |  | Oregon's  Social History | Studies how people lived throughout different periods of Oregon history,  focusing on various social factors and institutions that influence the lives of  people in Oregon. | 3 | PO,CL,  MH, | OSU,  PSU,  UO, |
|  | HST 246 |  | Religion in  U.S. to 1840 | Religion in the United States to 1840 Studies basic features of native  American religions, European backgrounds of Christianity in the United  States, development of different religious groups in America and their  impact on American life, and trends and development of religion in the  United States in the first half of the 19th century. | 3 | PO,TB, LA, | OSU,  PSU,  UO, |
|  | HST 247 |  | Religion in  U.S. since  1840 | Religion in the United States since 1840 Covers basic features of native  American religions, European backgrounds of Christianity, development of  different religious groups in the United States and their impact on American  life. | 3 | PO,TB, | OSU,  PSU,  UO, |
|  | HST 270 |  | History of  Mexico | Surveys Mexican history from pre-Columbian to modern times. Focus on  post contact history: the Spanish conquest, colonial Mexico, independence  and its aftermath to contemporary times. Emphasis on social, political and  cultural developments and contributions by a diversity of Mexico's peoples. | 3 | PO, |  |
|  | HST 274 |  | Afr-Amer  Hst:Afr Origin-  1877 | African-American History: African Origins to 1877 Offers a factual  framework and conceptual foundation to analyze the Black experience from  its early origins in Africa and the New World, especially the United States. | 3 | PO, | OSU,  UO, |
|  | HST 275 |  | Afr-Amer Hst:  1877 to 1941 | African-American History: 1877 to 1941 Focuses on historical interpretation  of events of the Black experience from 1877 to 1941. Examines forces  which altered a rich cultural heritage. | 3 | PO, | OSU,  UO, |
|  | HST 276 |  | Afr-Amer Hst:  1941 to  Present | African-American History: 1941 to Present Offers a historical perspective of  political, economic, social and cultural development of the Black experience  in the United States from 1941 to present. | 3 | PO, | OSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | HST 277 |  | Oregon Trail | Covers predecessors of the route, motivations of the people who used the  route, the trail and its variations, life along the trail, and impact of the  migration. | 3 | PO, | OSU,  PSU,  UO, |
|  | HST 278 |  | Russian  History I | Helps to build an historical basis to better understand current issues. The  main lines of Russian history will be reviewed: the rise of Kiev to the reign of  Catherine the Great. Through historical analyses, a critical understanding  will be gained of the cultural, social, political, and economic forces that  shaped Russian history from the ninth through the eighteenth centuries. | 3 | PO, | OSU,  PSU,  UO, |
|  | HST 279 |  | Russian  History II | Helps to build an historical basis from which to better understand current  issues. Main lines of Russian history will be reviewed, from the reign of Paul  and Alexander I to the present. Through historical analyses, a critical  understanding will be gained of the cultural, social, political, and economic  forces that shaped Russian history from the late eighteenth century to the  present. | 3 | PO, | OSU,  PSU,  UO, |
|  | HST 280 |  | CE: History | Cooperative Education: History Offers the chance to extend knowledge of  history through work in settings which provide learning experiences  supplementing classroom learning. Department permission required. | 4 | PO,TB,  RO,CL, | OSU,  PSU,  UO, |
|  | HST 285 |  | The Holocaust | The aftermath of World War I and the rise of the Nazis, the historical roots  of anti-Semitism, the evolution of the Final Solution and its coordination in  Nazi-occupied Europe, the victims of Nazi policies, the camps, the  perpetrators, bystanders, resistance, and the Nuremberg trials will be  discussed. Videos, documents, and personal accounts will be used to  explore interpretations of the Holocaust. | 3 |  |  |
|  | HST 298 |  | Independent  Study: History | Offers individualized study at an advanced level. Emphasizes areas of  history not considered in other courses which meet special interests or  program requirements. Students complete a term project and readings  approved by the instructor. Recommended: Prior study in history. Instructor  approval required. | 3 | PO,UM,  LA, | OSU,  PSU,  UO, |
|  | HST 299 |  | History:  Special  Studies | Special Studies: History Includes special topics, activities, or projects in an  area of history not usually covered in depth in other history courses.  Instructor approval may be required. Recommended: Prior study in history. | 3 | PO,BM,  TV,KL, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **HUMANITIES** | HUM  100 |  | Intro to  Humanities | Introduction to Humanities | 3 | LA, | PSU,  UO, |
|  | HUM  106 |  | British Life and  Culture | This class is attached to the Oregon International Education Consortium's  London Quarter program in London, England. Consists of guest lecturers,  field trips, independent study projects and a daily journal about life in  London. Pass/No Pass only. | 3 | CH, | UO, |
|  | HUM  121 |  | Leadership  Training I | Designed to provide a basic understanding of leadership and group  dynamics theory and to assist the student in developing a personal  philosophy of leadership, an awareness of the moral and ethical  responsibilities of leadership, and an awareness of one's own style of  leadership. | 3 |  | UO, |
|  | HUM  122 |  | Leadership  Training II | Designed to provide a basic understanding of leadership and group  dynamics theory and to assist the student in developing a personal  philosophy of leadership, an awareness of the moral and ethical  responsibilities of leadership, and an awareness of one's own style of  leadership. | 3 |  | UO, |
|  | HUM  125 |  | International  Education | Students have the opportunity to become immersed in foreign culture.  Focus includes history, geography, art, architecture, religion, philosophy,  and unique cultural perspectives. Program guest lecturer's include in-  country experts: educators, government officials, archeologists, and artists. | 9 | PO, |  |
|  | HUM  201 |  | Hum &  Tech:Explorin  g Origins | Humanities & Technology: Exploring Origins Introduces concepts and  approaches used in study of humanistic disciplines and surveys visions and  perspectives that our culture has inherited from literature, philosophy,  theology, visual arts, music, history, and mythology of Western and non-  Western traditions. Focuses on selected historical periods and themes.  Demonstrates quest for knowledge as a synthetic activity, relating various  disciplines, | 3 | PO, | UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | HUM  202 |  | Hum &  Tech:Contemp  orary Issues | Humanities & Technology: Contemporary Issues Offers critical examination  of the relationship between people and technology. Uses insights derived  from a study of the Humanities in conjunction with those from the Social  Sciences to inquire into the appropriate use and possible misuse of  technology in contemporary society. | 3 | MH,PO, | UO, |
|  | HUM  203 |  | Hum &  Tech:Future  Direction | Humanities & Technology: Future Directions Looks for ways in which  technology can be applied in new, socially and ethically responsible forms.  Recommended: Courses should be taken sequentially. PREREQ: Students  should be writing at the WR 121 level. | 3 |  | UO, |
|  | HUM  204 |  | African History | Introduces students to some major themes in the history of the African  continent from ancient times to the present. It is the first course in the  Humanities sequence on Africa, and provides a wide background for  subsequent courses. Prerequisites: ASSET scores of 45 or above in  Reading and Writing, or completion of WR 115 with a C or higher. | 3 | PO,UM, | OSU,  PSU,  UO, |
|  | HUM  205 |  | African  Literature | Introduces written and oral literature of the African continent, from ancient to  modern and from many different geographic regions, cultures and religions.  Prerequisites: ASSET scores of 45 or above in Reading and Writing or  completion of WR 115 with a C or higher. | 3 | PO, | OSU,  PSU,  UO, |
|  | HUM  206 |  | African Art | Part of three course series. Introduces a variety of art forms from different  time periods and geographic areas of the African Continent. Explores how  art is influenced by culture, myth, economics, politics, gender, and region.  Ability to understand and participate in class discussions required.  Prerequisites: ASSET scores of 45 or above in Reading and Writing or  completion of WR 115 with a C or higher.. | 3 | PO, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | HUM  221 |  | Leadership  Through  t/Classics | Leadership Through the Classics Provides emerging and existing leaders  the opportunity to explore concept of leadership and to develop and  improve their leadership skills. Integrates readings from the classics,  experiential exercises, films, and contemporary readings on leadership.  Recommended: Students should possess sufficient oral skills to fully  participate in small group activities. Prerequisites: ASSET scores of 45 or  above in Reading and | 3 | PO, |  |
|  | HUM  225 |  | International  Education | Gives students an opportunity for in-depth immersion in a foreign culture.  Participants will live, work, and study with host families. Academic focus will  include first-hand cultural understanding, language study, and lectures from  in-country experts in historical, political, and cultural topics. | 3 |  |  |
|  | HUM  230 |  | Transform  Myth Through  Time | Transformations of Myth Through Time A chronological overview of the  world's mythologies. Through literature, religion, music, and art we see  universal ideas expressed in changing forms; from the Paleolithic cave  paintings to the legends of King Arthur's court. Noted mythologist Joseph  Campbell presents myths from various perspectives in the videotaped  lectures. Prerequisites: ASSET scores of 45 or above in Reading and  Writing, or completion of WR 115 with a C or higher. | 3 | PO, |  |
|  | HUM  280 |  | CE/  Humanities | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all aspects of the industry . |  |  |  |
|  | HUM  298 |  | Independent  Study: | Advanced, individualized study in areas not considered in other courses to  meet special interests or program requirements. Complete a term project  approved by the instructor. Recommended: prior study, and instructor  permission. |  |  |  |
|  | HUIM  299 |  | Special  Studies: | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **JOURNALISM** | J 216 |  | Reporting I | Covers the fundamentals of reporting, including gathering and writing news  for newspapers. Emphasizes accuracy, objectivity, clarity of writing and  standards required by newspapers. Prerequisite: Placement into WR 121. | 3 | PO,CH,  TV,UM, | OSU,  UO, |
|  | J 217 |  | Reporting II | Expands on J 216. Emphasizes advanced reporting and writing skills. J 216  or instructor permission is recommended. | 3 | PO,CH,  TV,UM, | OSU,  PSU,  UO, |
| **LANGUAGES** |  |  |  | **AMERICAN SIGN LANGUAGE** |  |  |  |
|  |  | ASL 101 | 1st Yr Amer  Sign  Language I | First Year American Sign Language I Emphasizes active conversational  competence in ASL. Includes visual readiness skills, vocabulary, culture  and grammar used for meeting communication needs. For beginners.  Proficiency target level: Novice high. | 3 | BM,MH,  CL,OC |  |
|  |  | ASL 102 | 1st Yr Amer  Sign  Language II | First Year American Sign Language II Continues work of ASL 101.  Emphasizes active communication in ASL. Proficiency target level:  Intermediate low. Sign Language Proficiency Interview may be required by  department. Prerequisite: ASL 101. | 3 | BM,CL,  CH,MH,  OC, |  |
|  |  | ASL 103 | 1st Yr Amer  Sign  Language III | First Year American Sign Language III Continues work of ASL 102.  Emphasizes active communication in ASL. Proficiency target level:  Intermediate mid. Sign Language Proficiency Interview may be required by  department. Prerequisite: ASL 102. | 3 | BM,CL,  CH,MH,  OC, |  |
|  |  | ASL 130 | Deaf Studies | Introduces two perspectives of Deaf community, past and current  perspectives on education, services, employment, legislation, signers vs  interpreters, signaling devices, terminology, communication system and  attitudes toward language. | 3 |  |  |
|  |  | ASL 150 | Accel  American Sign  Language | Accelerated American Sign Language For beginners. Covers the material of  ASL 101 and half of ASL 102 in an accelerated format. Emphasizes active  conversational competence in ASL. Including visual readiness skills,  vocabulary, culture and grammar used for meeting communication needs.  Recommended to the highly motivated student. Proficiency target level:  Intermediate low. | 4 |  |  |
|  |  | ASL 151 | Accel  American Sign  Language | Accelerated American Sign Language Covers the material of half of ASL  102 and ASL 103 in an accelerated format. Emphasizes active  communication in ASL. Proficiency target level: Intermediate mid. Sign  Language Proficiency Interview may be required by the department.  Prerequisite: ASL 102 or ASL 150. | 5 |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | ASL 201 | 2nd Yr Amer  Sign  Language IV | Second Year American Sign Language IV Continues work of first year ASL,  reviewing, expanding, and perfecting expressive skill, structure, and  vocabulary for the purpose of active communication. Emphasizes active  communication in ASL. Proficiency target level: Intermediate mid. Sign  Language Proficiency Interview may be required by department.  Prerequisite: ASL 103. | 3 |  |  |
|  |  | ASL 202 | 2nd Yr Amer  Sign  Language V | Second Year American Sign Language V Continues work of ASL 201.  Emphasizes active communication in ASL. Increased emphasis on  exploring, analyzing the rules and presenting ASL stories and literature.  Proficiency target level: Intermediate mid. Sign Language Proficiency  Interview may be required by the department. Prerequisite: ASL 201. | 3 |  |  |
|  |  | ASL 203 | 2nd Yr Amer  Sign  Language VI | Second Year American Sign Language VI Continues work of ASL 202.  Emphasizes active communication in ASL. Increased emphasis on  exploring, analyzing the rules, discussing, developing and presenting ASL  literature and poetry. Proficiency target level: Intermediate high. Sign  Language Proficiency Interview may be required by department.  Prerequisite: ASL 202. | 3 |  |  |
|  |  | ASL 250 | Accel  American Sign  Language | Accelerated American Sign Language Covers the material of ASL 201 and  half of ASL 202 in an accelerated format. Emphasizes active  communication in ASL. Increased emphasis on exploring, analyzing the  rules, discussing, developing and presenting ASL literature and poetry.  Proficiency target level: Intermediate mid. Sign Language Proficiency  Interview may be required by the department. Prerequisite: ASL 103 or ASL  151. | 4 |  |  |
|  |  | ASL 251 | Accel  American Sign  Language | Accelerated American Sign Language Covers the material of half of ASL  202 and ASL 203 in an accelerated format. Emphasizes active  communication in ASL. Continues emphasis on the ASL literature, poetry  and other topics. Proficiency target level: Intermediate high. A Sign  Language Proficiency Interview may be required by the department.  Prerequisite: ASL 202 or ASL 250. | 5 |  |  |
|  |  | ASL 280 | CE/ Amer.  Sign Lang. | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all aspects of the industry . |  |  |  |
|  |  | ASL 299 | Special  Topics: | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. | 3 |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **LANGUAGES** |  |  |  | **ENGLISH AS A NON-NATIVE LANGUAGE** |  |  |  |
|  |  | ENL 150 | Intermediate  Reading | Content comprehension, textual analysis, critical thinking skills, study  skills, and language analysis. Readings from textbooks and literature.  Includes use of the dictionary, finding main ideas, summarizing,  inferencing, using context clues, review of pre reading techniques. Study of  word forms, common affixes, synonyms and antonyms. PREREQ: ENNL  placement test or instructor permission; concurrent placement in ENL 152  and 154 or higher. | 5 | PO,UM, | OSU,  PSU,U  O, |
|  |  | ENL 152 | Intermediate  Writing | Introduction to the writing process. Descriptive, narrative, and process  paragraphs; introduction to comparison/contrast. Review of basic  grammar, (including present simple and continuous, past simple and  continuous, and future tenses) sentence patterns, capitalization,  punctuation, spelling patterns; introduction to present perfect, adverb  clauses of time. PREREQ: ENNL placement test or instructor permission; | 5 | PO,UM, | OSU,  PSU,U  O, |
|  |  | ENL 154 | Intermediate  Speaking | Identification and production of English consonants and vowels; common  sound substitutions; basic stress and intonation. Listening comprehension,  discussion, and conversation skills. Public speeches of 2-3 minutes, with  written outlines; impromptu speeches. PREREQ: ENNL placement test or  instructor permission; concurrent placement in ENL 150 and 152 or higher. | 5 | PO, | OSU,  PSU,U  O, |
|  |  | ENL 155 | Intermediate  Speaking |  | 2 |  |  |
|  |  | ENL 156 | Intermediate  Pronunciation | Identification of English consonants and vowels; common sound  substitutions; basic stress and intonation. PREREQ: ENNL placement test  or instructor permission; concurrent placement in ENL 150, 152, and 154  or higher. | 3 |  | PSU,U  O, |
|  |  | ENL 158 | Intermediate  Vocabulary  Build | Intermediate Vocabulary Building Emphasis on word analysis, specialized  vocabulary, and dictionary skill building. Basic sight words, homophones,  synonyms, antonyms; government terminology, measurement terms, basic  math terms. Study of syllabication, pronunciation symbols, and  alphabetization. PREREQ: ENNL placement test or instructor permission;  concurrent placement in ENL 150, 152, and 154 or higher. | 3 |  | PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | ENL 160 | Upper  Intermediate  Reading | Content comprehension, textual analysis, critical thinking skills, study  skills, and language analysis. Readings from textbooks, literature, and  newspapers. Includes finding themes and main ideas, summarizing,  paraphrasing, inferencing, using context clues, review of pre reading  techniques. Study of word forms and common affixes. PREREQ: ENNL  placement test or instructor permission; concurrent placement in ENL 152  and 154 or higher. | 5 | PO, | OSU,  PSU,U  O, |
|  |  | ENL 162 | Upper  Intermediate  Writing | Review of the writing process and introduction to the essay. Descriptive,  narrative, process, and comparison/contrast paragraphs and essays;  introduction to cause/effect. Review of verb tenses, sentence types,  punctuation, and spelling patterns. Introduction to adverb and adjective  clauses, reported speech, passive voice, and gerunds and infinitives.  PREREQ: ENNL placement test or instructor permission; concurrent  placement in ENL 150 and 154 or higher. | 5 | PO,CG, | OSU,  PSU,U  O, |
|  |  | ENL 164 | Upper  Intermediate  Speaking | Review of English consonants and vowels, consonant clusters, past and  plural endings; common sound substitutions; intonation, phrasing, and  reduced stress. Listening comprehension, discussion, and conversation  skills. Public speeches of 3-5 minutes, with written outlines; impromptu  speeches. PREREQ: ENNL placement test or instructor permission;  concurrent placement in ENL 150 and 152 or higher. | 5 | PO, | OSU,  PSU,U  O, |
|  |  | ENL 165 | Upper  Intermediate  Speaking |  | 2 |  |  |
|  |  | ENL 166 | Upper Inter  Pronunciation | Upper Intermediate Pronunciation Review of English consonants and  vowels, consonant clusters, past and plural endings; common sound  substitutions; intonation, phrasing, and reduced stress. PREREQ: ENNL  placement test or instructor permission; concurrent placement in ENL 150,  152, and 164 or higher. | 3 | PO, | PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | ENL 168 | Upper Inter  Vocabulary  Bldg | Upper Intermediate Vocabulary Building Emphasis on word analysis,  specialized vocabulary, and dictionary skill building. Two-word verbs,  compound words, stems and affixes, social science terminology, words  shortened by common usage, grammatical terms, and test-taking  vocabulary included. PREREQ: ENNL placement test or instructor  permission; concurrent placement in ENL 150, 152, and 154 or higher. | 3 | PO, | OSU,  PSU,U  O, |
|  |  | ENL 250 | Advanced  Reading | Content comprehension, textual analysis, critical thinking skills, study  skills, and language analysis. Readings from textbooks, short stories  and/or a short novel, newspapers, and popular magazines. Includes  finding themes and main ideas, summarizing, paraphrasing, inferencing,  using context clues, review of pre reading techniques. Study of word  forms, common affixes and stems, figurative language. | 5 | PO, | OSU,  PSU,U  O, |
|  |  | ENL 252 | Advanced  Writing | Review of the writing process. Descriptive, narrative, and expository  essays (e.g. cause/effect, problem/solution, classification). Review of verb  tenses, passive voice, and complex sentences. Introduction to conditional  clauses, noun clauses as subjects and objects, and reduced clauses.  PREREQ: ENNL placement test or instructor permission; concurrent  placement in ENL 160 and 164 or higher. | 5 | PO, | OSU,  PSU,U  O, |
|  |  | ENL 253 | Adv  Supplementary  Writing | Advanced Supplementary Writing Emphasizes the refinement and  development of conscious control of English sentence and paragraph  structure as well as the correction of persistent errors in writing. ENL 253  provides a bridge course between ENL 252 and ENL 262 or between ENL  262 and WR 115. | 3 | PO, |  |
|  |  | ENL 254 | Advanced  Speaking | Review of English consonants and vowels, final consonants, past and  plural endings; common sound substitutions; intonation, phrasing, and  stress changes. Discussion and listening comprehension, including  lecture/note-taking. Public speeches, including persuasion, of 4-5 minutes,  with written outlines; impromptu speeches. PREREQ: ENNL placement  test or instructor permission; concurrent placement in ENL 160 and 162 or  higher. | 5 | PO, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | ENL 255 | Advanced  Speaking | Discussion and listening comprehension, including lecture/note-taking.  Public speeches, including persuasion, of 4-5 minutes, with written  outlines; impromptu speeches. PREREQ: ENNL placement test or  instructor permission; concurrent placement in ENL 160 and 162 or higher. | 3 | PO, | OSU,  PSU,U  O, |
|  |  | ENL 256 | Advanced  Pronunciation | Review of English consonants and vowels, final consonants, past and  plural endings; common sound substitutions; intonation, phrasing, and  stress changes. PREREQ: ENNL placement test or instructor permission;  concurrent placement in ENL 160, 162, and254 or higher. | 3 | PO, | PSU,U  O, |
|  |  | ENL 257 | Advanced  Pronunciation | Review of English consonants and vowels, final consonants, past and  plural endings; common sound substitutions; intonation, phrasing, and  stress changes. PREREQ: ENNL placement test or instructor permission;  concurrent placement in ENL 160, 162, and255 or higher. | 2 | PO, | OSU,  PSU,U  O, |
|  |  | ENL 258 | Advanced  Vocabulary  Building | Emphasis on word analysis, specialized vocabulary, and dictionary skill  building. Homographs, synonyms, antonyms, analogies; advanced math,  science, and social science vocabulary, and word origins are presented.  PREREQ: ENNL placement test or instructor permission; concurrent  placement in ENL 160, 162, and 164 or higher. | 3 | PO, | OSU,  PSU,U  O, |
|  |  | ENL 259 | Advanced  Vocabulary  Building | Designed to improve students' collegiate vocabulary skills. Focuses on  word analysis and dictionary skill building as well as vocabulary acquisition  and application in a variety of contexts related to the student and society. | 2 |  |  |
|  |  | ENL 260 | Upper  Advanced  Reading | Content comprehension, textual analysis, critical thinking skills, study  skills, and language analysis. Readings from textbooks, short stories  and/or a novel, newspapers, and popular magazines. Includes finding  themes and main ideas, summarizing, paraphrasing, inferencing,  evaluation of sources and analysis of arguments. PREREQ: ENNL  placement test or instructor permission; concurrent placement in ENL 252  and 254/255 or higher. | 5 | PO, | OSU,  PSU,U  O, |
|  |  | ENL 262 | Upper  Advanced  Writing | Review of the writing process. Descriptive, and expository essays (e.g.  cause/effect, problem/solution, classification). Introduction to argument and  principles of research. General review of English grammar, punctuation,  and sentence structure. PREREQ: ENNL placement test or instructor  permission; concurrent placement in ENL 250 and 254/255 or higher. | 5 | PO, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | ENL 264 | Upper  Advanced  Speaking | Review of English consonants and vowels: emphasis is on correcting  persistent sound problems caused by omissions, substitutions, and  additions. Review of intonation, phrasing, and stress patterns. Discussion  and listening comprehension, including lecture/note-taking. Public  speeches, including persuasion, of five minutes, with written outlines;  impromptu speeches. PREREQ: ENNL test or instructor permission;  concurrent placement in ENL 250 and 252 or higher. | 5 | PO, | OSU,  PSU,U  O, |
|  |  | ENL 265 | Upper  Advanced  Speaking | Discussion and listening comprehension, including lecture/note-taking.  Public speeches, including persuasion, of five minutes, with written  outlines; impromptu speeches. PREREQ: ENNL placement test or  instructor permission; concurrent placement in ENL 250 and 252 or higher. | 3 | PO, | OSU,  PSU,U  O, |
|  |  | ENL 266 | Upper  Advanced  Pronunciation | Review of English consonants and vowels: emphasis is on correcting  persistent sound problems caused by omissions, substitutions, and  additions. Review of intonation, phrasing, and stress patterns. PREREQ:  ENNL placement test or instructor permission; concurrent placement in  ENL 250, 252, and 264 or higher. | 3 |  | PSU,U  O, |
|  |  | ENL 267 | Upper  Advanced  Pronunciation | Review of English consonants and vowels: emphasis is on correcting  persistent sound problems caused by omissions, substitutions, and  additions. Review of intonation, phrasing, and stress patterns. PREREQ:  ENNL placement test or instructor permission; concurrent placement in  ENL 250, 252, and 265 or higher. | 2 | PO, | OSU,  PSU,U  O, |
|  |  | ENL 268 | Upper Adv  Vocabulary  Building | Upper Advanced Vocabulary Building Emphasis on word analysis,  specialized vocabulary, and dictionary skill building. Acronyms, foreign  words and phrases, literary vocabulary, and stems and affixes are  included. PREREQ: ENNL placement test or instructor permission;  concurrent placement in ENL 250, 252, and 254 or higher. | 3 | PO, | OSU,  PSU,U  O, |
|  |  | ENL 272 | Advanced  Supplementary  Writing | Review of the writing process. Descriptive and expository essays (e.g.  cause/effect, classification, argument). Emphasizes refinement and  conscious control of English sentence structure; correction of persistent  personal errors in writing. PREREQ: ENL 262 and instructor permission;  concurrent placement in ENL 260 and 264/265 or higher. | 5 | PO, | OSU,  PSU,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **LANGUAGES** |  |  |  | **CHINESE** |  |  |  |
|  |  | CHN  101 | First Year  Chinese 1 | This first year class introduces the Chinese language through  pronunciation, reading, and character writing and includes an introduction  to Chinese culture. Offered at irregular intervals. Prerequisites: CHN 101: | 3 | MH |  |
|  |  | CHN102 | First Year  Chinese II | This first year class introduces the Chinese language through  pronunciation, reading, and character writing and includes an introduction  to Chinese culture. Offered at irregular intervals. Prerequisites: CHN 101 | 3 | MH |  |
|  |  | CHN103 | First Year  Chinese III | This first year class introduces the Chinese language through  pronunciation, reading, and character writing and includes an introduction  to Chinese culture. Offered at irregular intervals. Prerequisites: CHN 101 | 3 | MH |  |
|  |  | CHN111 | Beginning  Chinese  Conversation I | This beginning conversation class introduces the Chinese language and  culture through oral communication and includes practice in idiomatic  usage and vocabulary. Not to be taken out of sequence.  Offered at irregular intervals. | 3 | MH |  |
|  |  | CHN112 | Beginning  Chinese  Conversation II | This beginning conversation class introduces the Chinese language and  culture through oral communication and includes practice in idiomatic  usage and vocabulary. Not to be taken out of sequence.  Offered at irregular intervals. | 3 | MH |  |
|  |  | CHN113 | Beginning  Chinese  Conversation  III | This beginning conversation class introduces the Chinese language and  culture through oral communication and includes practice in idiomatic  usage and vocabulary. Not to be taken out of sequence.  Offered at irregular intervals. |  | MH |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **LANGUAGES** |  |  |  | **FRENCE** |  |  |  |
|  |  | FR 101 | First Year  French | Introduction to French stressing the development of listening, speaking,  reading, writing, and cultural awareness through a communicative  approach. Primary emphasis on the student's active use of the language.  Proficiency target level: Novice high. For beginners. | 4 | PO,CE,CH,  BM, CL,TV,  UM,LA,LB,  MH,OC,RO  . | OSU,  PSU,  UO, |
|  |  | FR 102 | First Year  French | Continues work of FR 101, further developing all skills. Primary emphasis  on the student's active use of the language. Proficiency target level:  Intermediate low. Recommended: Completion of: FR 101 or FR 150, or  instructor permission. | 4 | PO,CE,CH,  BM, CL,TV,  UM,LA,LB,  MH, RO, | OSU,  PSU,  UO, |
|  |  | FR 103 | First Year  French | Continues the work of FR 102, further developing all skills. Primary  emphasis on the student's active use of the language. Proficiency target  level: Intermediate mid. Recommended: Completion of: FR 102 or instructor  permission. | 4 | PO,CE,CH,  BM, CL,TV,  UM,LA,  LB,MH, RA, | OSU,  PSU,  UO, |
|  |  | FR 111 | First Year  French  Conversation | Practice of structures and vocabulary of first year French in a  conversational format. Recommended: Completion of or simultaneous  enrollment in FR 101 or FR 150 or instructor permission. | 3 | PO,CL,  MH,RO, | OSU,  PSU,  UO, |
|  |  | FR 112 | First Year  French  Conversation | Practice of structures and vocabulary of first year French in a  conversational format. Recommended: Completion of or simultaneous  enrollment in FR 102 or FR 151 or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | FR 113 | First Year  French  Conversation | Practice of structures and vocabulary of first year French in a  conversational format. Recommended: Completion of or simultaneous  enrollment in FR 103 or FR 151 or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | FR 150 | First Year  French | For beginners. Introduction to French stressing the development of  listening, speaking, reading, writing, and cultural awareness through a  communicative approach. Primary emphasis on the student's active use of  the language. Proficiency target level: Novice high to intermediate low. | 6 | PO,CH, LA, | OSU,  PSU,  UO, |
|  |  | FR 151 | First Year  French | Continues the work of FR 150, further developing all skills. Primary  emphasis on the student's active use of the language. Also provides a  review before entering second year French. Proficiency target level:  Intermediate mid. Recommended: Completion of FR 102 or FR 150 or  instructor permission. | 6 | PO,CH, LA, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | FR 201 | Second Year  French | Continues the work of first year French, reviewing, expanding, and  perfecting listening, speaking, reading, writing, and cultural awareness  through a communicative approach. Primary emphasis on the student's  active use of the language. Proficiency target level: Intermediate mid.  Recommended: Completion of first year French at the college level or the  equivalent. | 4 | PO,CE,  CH,BM,  CL,UM, LA,  MH, | OSU,  PSU,  UO, |
|  |  | FR 202 | Second Year  French | Continues the work of FR 201, further developing and perfecting all skills.  Primary emphasis on the student's active use of the language. Proficiency  target level: Intermediate mid to high. Recommended: Completion of FR  201 or FR 250 or instructor permission. | 4 | PO,CE,  CH,BM,  CL,UM,  CE, | OSU,  PSU,  UO, |
|  |  | FR 203 | Second Year  French | Continues the work of FR 202, further developing and perfecting all skills.  Primary emphasis on the student's active use of the language. Proficiency  target level: Intermediate high. Recommended: Completion of FR 202 or  instructor permission. | 4 | PO,CE,  CH,CL,  BM,UM, | OSU,  PSU,  UO, |
|  |  | FR 211 | Inter French  Conversation | Intermediate French Conversation Stresses conversational skills at the  second year level. Recommended: Completion of or simultaneous  enrollment in FR 201, or instructor permission. | 3 | PO,CE,  BM,UM, | OSU,  PSU,  UO, |
|  |  | FR 212 | Inter French  Conversation | Intermediate French Conversation Continuation of FR 211A.  Recommended: Completion of or simultaneous enrollment in FR 202, or  instructor permission. | 3 | PO,CE,  BM, | OSU,  PSU,  UO, |
|  |  | FR 213 | Inter French  Conversation | Intermediate French Conversation Continuation of FR 212A.  Recommended: Completion of or simultaneous enrollment in FR 203 or  instructor permission. | 3 | PO,CE,  BM, | OSU,  PSU,  UO, |
|  |  | FR 250 | Second Year  French | Continues the work of first year French, reviewing, expanding, and  perfecting listening, speaking, reading, writing, and cultural awareness  through a communicative approach. Primary emphasis on the student's  active use of the language. Proficiency target level: Intermediate mid to  high. Recommended: Completion of first year French at the college level or  the equivalent. | 6 | PO, | OSU,  PSU,  UO, |
|  |  | FR 251 | Second Year  French | Continues the work of FR 250, further developing and perfecting all skills.  Primary emphasis on the student's active use of the language. Proficiency  target level: Intermediate high. Recommended: Completion of FR 250 or FR  202 or instructor permission. | 6 | PO, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | FR 255 | Accelerated  French | For beginners. Covers the material of FR 101 and FR 102 in an accelerated  format. Stresses the development of listening, speaking, reading, writing,  and cultural awareness through a communicative approach. Primary  emphasis on the student's active use of the language. Recommended to the  highly motivated student. Proficiency target level: Intermediate low. | 8 | PO, | OSU,  PSU,  UO, |
|  |  | FR 256 | Accelerated  French | Covers the material of FR 103 and FR 201 in an accelerated format.  Continues the work of FR 255, further developing all skills. Primary  emphasis on the student's active use of the language. Proficiency target  level: Intermediate mid. Recommended: Completion of FR 102 or FR 255 or  instructor permission. | 8 | PO, | OSU,  PSU,  UO, |
|  |  | FR 257 | Accelerated  French | Covers the material of FR 202 and FR 203 in an accelerated format.  Continues the work of FR 256, further developing all skills. Primary  emphasis on the student's active use of the language. Proficiency target  level: Intermediate high. Recommended: Completion of FR 201 or FR 256  or instructor permission. | 8 | PO, | OSU,  PSU,  UO, |
|  |  | FR 260 | French Culture | Studies and discusses contemporary thought and life of the French  speaking world. Recommended: Completion of one term of second year  French at the college level or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | FR 261 | French Culture | Continuation of FR 260A. Recommended: Completion of two terms of  second year French at the college level or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | FR 262 | French Culture | Continuation of FR 261A. Recommended: Completion of second year  French at the college level or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | FR 270 | Readings in  French  Literature | Emphasizes skills for reading in French. Reading and discussion of  accessible works of French prose and poetry. Recommended: Completion  of second year French at the college level, simultaneous enrollment in FR  203, 251 or 257, or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | FR 271 | Read in Fr Lit  (Afri & Carib) | Readings in French Literature (African & Caribbean) Emphasizes skills for  reading in French. Reading and discussion of accessible works of French  prose and poetry written by African and Caribbean writers. Fulfills diversity  requirement for AAOT degree. Recommended: Completion of second year  French at the college level, simultaneous enrollment in FR 203, 251, or 257,  or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | FR 272 | Readings in Fr  Lit (Women  Wr) | Readings in French Literature (Women Writers) Emphasizes skills for  reading in French. Reading and discussion of accessible works of French  prose and poetry written by women. Fulfills diversity requirement for AAOT  degree. Recommended: Completion of second year French at the college  level, simultaneous enrollment in FR 203, 251, or 257, or instructor  permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | FR 280 | CE/ French | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all aspects of the industry . |  |  |  |
|  |  | FR 290 | French  Speaking and  Writing | Expands and perfects skills learned in second year French. Emphasizes  speaking and writing, but students also practice listening and reading.  Recommended: Successful completion of second year French at the  college level or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | FR 291 | French  Composition | Practice in developing composition skills. Recommended: Instructor  permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | FR 292 | French  Composition | Continuation of FR 291A. Recommended: Instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | FR 298 | Independent  Study: | Advanced, individualized study in areas not considered in other courses to  meet special interests or program requirements. Complete a term project  approved by the instructor. Recommended: prior study, and instructor  permission. |  |  |  |
|  |  | FR299 | Special  Studies: | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **LANGUAGES** |  |  |  | **GERMAN** |  |  |  |
|  |  | GER  101 | First Year  German | Emphasizes active communication in German which includes listening,  speaking, reading, writing, pronunciation, structure, vocabulary and culture.  Proficiency target level: Novice high. | 5 | PO,CH,  BM,TV,  UM,CE,  CT, | OSU,  PSU,  UO, |
|  |  | GER  102 | First Year  German | Continues the work of GER 101. Emphasis on active communication in  German. Proficiency target level: Intermediate low. Recommended:  Completion of GER 101, or 150, or instructor permission. | 5 | PO,CH,  BM,TV,  UM,CE,  CT, | OSU,  PSU,  UO, |
|  |  | GER  103 | First Year  German | Continues the work of GER 102. Emphasizes active communication in  German. Proficiency target level: Intermediate mid. Recommended:  Completion of GER 102, or instructor permission. | 5 | PO,CH,  BM,TV,  UM,CL,  MH,LB, | OSU,  PSU,  UO, |
|  |  | GER  111 | First Year  German  Conversation | Practice of structures and vocabulary of first year German in a  conversational format. Recommended: Completion of or simultaneous  enrollment in GER 101 or GER 150 or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | GER  112 | First Year  German  Conversation | Practice of structures and vocabulary of first year German in a  conversational format. Recommended: Completion of or simultaneous  enrollment in GER 102 or GER 151 or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | GER  113 | First Year  German  Conversation | Practice of structures and vocabulary of first year German in a  conversational format. Recommended: Completion of or simultaneous  enrollment in GER 103 or GER 151 or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | GER  150 | First Year  German | For beginners. Emphasizes active communication in German. Includes  listening, speaking, reading, writing, pronunciation, structure, vocabulary  and culture. Proficiency target level: Novice high to intermediate low. | 6 | PO, | OSU,  PSU,  UO, |
|  |  | GER  151 | First Year  German | Continues the work of GER 150. Further emphasis on active  communication in German. Also provides review for students entering  second year. Proficiency target level: Intermediate mid. Recommended:  Completion of GER 150 or instructor permission. | 6 | PO, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | GER  201 | Second Year  German | Continues work of first year German, reviewing, expanding, and perfecting  pronunciation, structure, and vocabulary for the purpose of active  communication. Proficiency target level: Intermediate mid. Recommended:  Completion of first year German at the college level or instructor  permission. | 4 | PO,BM,  TV,UM,  SW,CL,  MH, | OSU,  PSU,  UO, |
|  |  | GER  202 | Second Year  German | Continuation of GER 201. Emphasizes active communication in German  with additional practice in reading and writing. Proficiency target level:  Intermediate mid to high. Recommended: Completion of GER 201, 250, or  instructor permission. | 4 | PO,BM,  TV,UM,  CL,MH, | OSU,  PSU,  UO, |
|  |  | GER  203 | Second Year  German | Continuation of GER 202. Emphasizes active communication in German  with additional practice in reading and writing. Proficiency target level:  Intermediate high. Recommended: Completion of GER 202 or instructor  permission. | 4 | PO,BM,  TV,UM,  CL,MH, | OSU,  PSU,  UO, |
|  |  | GER  211 | Inter German  Conversation | Intermediate German Conversation Stresses conversational skills at the  second year level. Recommended: Completion of one year of college level  German, simultaneous enrollment in GER 201, or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | GER  212 | Inter German  Conversation | Intermediate German Conversation Stresses conversational skills at the  second year level. Continues the work of GER 211A. Recommended:  Completion of or simultaneous enrollment in GER 202 or instructor  permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | GER  213 | Inter German  Conversation | Intermediate German Conversation Stresses conversational skills at the  second year level. Continues the work of GER 212A. Recommended:  Completion of or simultaneous enrollment in GER 203 or instructor  permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | GER  250 | Second Year  German | Continues the work of first year German, reviewing, expanding, and  perfecting pronunciation, structure, and vocabulary for the purpose of active  communication. Includes practice in reading and writing. Recommended  prerequisite: Completion of first year German at the college level or  instructor permission. | 6 | PO, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | GER  251 | Second Year  German | Continuation of GER 250. Emphasizes active communication in German  with additional practice in reading and writing. Recommended: Completion  of GER 202, 250, or instructor permission. | 6 | PO, | OSU,  PSU,  UO, |
|  |  | GER  255 | Accelerated  German | For beginners. Covers material of GER 101 and GER 102 in an accelerated  format. Listening, speaking, reading, writing, pronunciation, structure,  vocabulary and culture are stressed. Emphasizes active communication in  German. This class is recommended to the highly-motivated student.  Proficiency target level: Intermediate low. | 8 | PO, | OSU,  PSU,  UO, |
|  |  | GER  256 | Accelerated  German | Covers materials of GER 103 and GER 201 in an accelerated format.  Emphasizes active communication in German. Additional practice with  reading and writing skills. Proficiency target level: Intermediate mid.  Recommended: GER 102 or GER 255 or instructor permission. | 8 | PO, | OSU,  PSU,  UO, |
|  |  | GER  257 | Accelerated  German | Covers materials of GER 202 and GER 203 in an accelerated format.  Emphasis remains on active communication in German with additional  practice in reading and writing skills. Proficiency target level: Intermediate  high. Recommended: GER 201 or GER 256or instructor permission. | 8 | PO, | OSU,  PSU,  UO, |
|  |  | GER  260 | German  Culture | Studies and discusses contemporary thought and life of the German-  speaking world in a conversational format. Recommended: Completion of  one year of German at the college level or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | GER  261 | German  Culture | Continuation of GER 260. Recommended: GER 260 or instructor  permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | GER  262 | German  Culture | Continuation of GER 261. Recommended: GER 261 or instructor  permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | GER  270 | Readings in  German  Literature | Students read and discuss literary works of German prose and poetry. Skills  for reading in German are also emphasized. Conducted in German.  Recommended: Second year German at the college level, simultaneous  enrollment in GER 203, 251 or 257 or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | GER  271 | Readings in  German  Literature | Continuation of GER 270. Recommended: GER 270 or instructor  permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | GER  272 | Readings in  German  Literature | Continuation of GER 271. Recommended: GER 271 or instructor  permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | GER  280 | CE/ German | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all aspects of the industry . |  |  |  |
|  |  | GER  290 | German  Composition | Practice in developing composition skills. Conducted in German.  Recommended: Instructor permission and completion of second year  college German with grades of A or B or native or near native ability in  German. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | GER  291 | German  Composition | Continuation of GER 290. Instructor permission required. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | GER  292 | German  Composition | Continuation of GER 291. Instructor permission required. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | GER  298 | Independent  Study: | Advanced, individualized study in areas not considered in other courses to  meet special interests or program requirements. Complete a term project  approved by the instructor. Recommended: prior study, and instructor  permission. |  |  |  |
|  |  | GER299 | Special  Studies: | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **LANGUAGES** |  |  |  | **JAPANESE** |  |  |  |
|  |  | JPN 101 | First Year  Japanese | Emphasizes the spoken language of Japanese. Skills of listening, speaking,  reading, and writing are developed with emphasis on active use of these  skills. Hiragana and Katakana syllabifies are introduced. Information is  offered to help gain cultural awareness and appreciation. For beginners. | 5 | PO,CH,  TV,CL, MH, | OSU,  PSU,  UO, |
|  |  | JPN 102 | First Year  Japanese | Expands communicative use of Japanese and cultural awareness. Practice  of Hiragana and Katakana syllabifies continued. Kanji characters are  introduced. Communicative proficiency is the main objective of the  sequence. Recommended: Completion of JPN 101 or instructor permission. | 5 | PO,CH,  TV,MH, CL, | OSU,  PSU,  UO, |
|  |  | JPN 103 | First Year  Japanese | Expands further the communicative use of Japanese and cultural  awareness. The practice of Hiragana and Katakana syllabifies, and Kanji  characters are continued. Communicative proficiency is the main objective  of the sequence. Recommended: Completion of JPN 102 or two and a half  to three years high school Japanese. | 5 | PO,CH,  TV,MH, CL, | OSU,  PSU,  UO, |
|  |  | JPN 111 | First Yr  Japanese  Conversation | First Year Japanese Conversation Offers a review of and additional practice  with structures and vocabulary presented in JPN 101. For beginners. | 3 | PO,LB, | OSU,  PSU,  UO, |
|  |  | JPN 112 | First Yr  Japanese  Conversation | First Year Japanese Conversation Offers a review of and additional practice  with structures and vocabulary presented in JPN 102. Recommended:  Completion of JPN 101 or instructor permission. | 3 | PO,LB, | OSU,  PSU,  UO, |
|  |  | JPN 113 | First Yr  Japanese  Conversation | First Year Japanese Conversation Offers a review of and additional practice  with structures and vocabulary presented in JPN 103. Recommended:  Completion of JPN 102 or instructor permission. | 3 | PO,LB, | OSU,  PSU,  UO, |
|  |  | JPN 150 | First Year  Japanese | Emphasizes the spoken language of Japanese. Skills of listening, speaking,  reading, and writing are developed with emphasis on active use of these  skills. Hiragana and Katakana syllabifies are introduced. Offers to enhance  cultural awareness and appreciation. For beginners. Recommended:  Concurrent enrollment in JPN 111B. | 6 | PO, | OSU,  PSU,  UO, |
|  |  | JPN 151 | First Year  Japanese | Continuation of JPN 150. Expands the communicative use of Japanese and  cultural awareness. Practice of Hiragana and Katakana syllabifies are  continued. Kanji characters are introduced. Recommended: Completion of  JPN 150 or instructor permission and concurrent enrollment in JPN 112B. | 6 | PO, | OSU,  PSU,  UO, |
|  |  | JPN 201 | Second Year  Japanese | Development of the four skills of listening, speaking, reading, and writing is  continued. Kanji characters are further explored. Offers to expand cultural  awareness and appreciation. Recommended: Completion of first year  Japanese at the college level, or three years high school Japanese, or  instructor permission. | 5 | PO,TV, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | JPN 202 | Second Year  Japanese | Continues work begun in JPN 201, expanding the communicative use of  Japanese and cultural awareness. Study of Kanji characters is further  explored. Recommended: Completion of JPN 201 or instructor permission. | 5 | PO,TV, | OSU,  PSU,  UO, |
|  |  | JPN 203 | Second Year  Japanese | Continues work begun in JPN 201 and 202, expanding further the  communicative use of Japanese and cultural awareness. Kanji characters  are further explored. Recommended: Completion of JPN 202 or instructor  permission. | 5 | PO,TV, | OSU,  PSU,  UO, |
|  |  | JPN 211 | Inter Japanese  Conversation | Intermediate Japanese Conversation Offers a review of and additional  practice with structures and vocabulary presented in JPN 201.  Recommended: Completion of first year Japanese at the college level, or  three years of high school Japanese, or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | JPN 212 | Inter Japanese  Conversation | Intermediate Japanese Conversation Offers a review of and additional  practice with structures and vocabulary presented in JPN 202.  Recommended: Completion of JPN 201 or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | JPN 213 | Inter Japanese  Conversation | Intermediate Japanese Conversation Offers a review of and additional  practice with structures and vocabulary presented in JPN 203.  Recommended: Completion of JPN 202 or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | JPN 250 | Second Year  Japanese | Emphasizes the spoken language of Japanese. Skills of listening, speaking,  reading, and writing are continued. Kanji characters are further explored.  Offers to expand cultural awareness and appreciation. Recommended:  Completion of first year Japanese at the college level or three years of  Japanese in high school or instructor permission or concurrent enrollment in  JPN 211B. | 6 | PO, | OSU,  PSU,  UO, |
|  |  | JPN 251 | Second Year  Japanese | Continues work begun in JPN 250, expanding the communicative use of  Japanese and cultural awareness. Kanji characters are further explored.  Recommended: Completion of JPN 250 or equivalent, or concurrent  enrollment in JPN 212B. | 6 | PO, | OSU,  PSU,  UO, |
|  |  | JPN 260 | Japanese  Culture | Provides intermediate level students of Japanese with opportunity to  increase skills in listening, reading, speaking and vocabulary usage and to  gain cultural awareness. Recommended: Completion of JPN 203, JPN 251,  or instructor permission or concurrent enrollment in JPN 201. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | JPN 261 | Japanese  Culture | Provides intermediate level students of Japanese with opportunity to  increase skills in listening, reading, speaking and vocabulary usage and to  gain cultural awareness. Recommended: Completion of JPN 203, JPN 251,  or instructor permission or concurrent enrollment in JPN 202. | 3 | PO, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | JPN 262 | Japanese  Culture | Provides intermediate level students of Japanese with opportunity to  increase skills in listening, reading, speaking and vocabulary usage and  gain cultural awareness. Recommended: Completion of JPN 203, JPN 251,  or instructor permission or concurrent enrollment in JPN 203. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | JPN 270 | Reading in  Japanese  Literature | Emphasizes Japanese reading skills. Reading and discussion of accessible  works of Japanese prose and poetry. Prerequisite: Second year Japanese  at the college level or equivalent, or instructor permission. | 3 |  | UO, |
|  |  | JPN 271 | Reading in  Japanese  Literature | Emphasizes Japanese reading skills. Reading and discussion of accessible  works of Japanese prose and poetry. Prerequisite: Second year Japanese  at the college level or equivalent, or instructor permission. | 3 |  | UO, |
|  |  | JPN 272 | Reading in  Japanese  Literature | Emphasizes Japanese reading skills. Reading and discussion of accessible  works of Japanese prose and poetry. Prerequisite: Second year Japanese  at the college level or equivalent, or instructor permission. | 3 |  | UO, |
|  |  | JPN 280 | CE/ Japanese | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all aspects of the industry . |  |  |  |
|  |  | JPN 290 | Japanese  Composition | Practice in developing composition skills. Prerequisite: Second year  Japanese at the college level or equivalent AND instructor permission. | 3 |  | UO, |
|  |  | JPN 291 | Japanese  Composition | Practice in developing composition skills. Prerequisite: Second year  Japanese at the college level or equivalent AND instructor permission. | 3 |  | UO, |
|  |  | JPN 292 | Japanese  Composition | Practice in developing composition skills. Prerequisite: Second year  Japanese at the college level or equivalent AND instructor permission. | 3 |  | UO, |
|  |  | JPN 298 | Independent  Study: | Advanced, individualized study in areas not considered in other courses to  meet special interests or program requirements. Complete a term project  approved by the instructor. Recommended: prior study, and instructor  permission. |  |  |  |
|  |  | JPN 299 | Special  Studies: | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **LANGUAGES** |  |  |  | **RUSSIAN** |  |  |  |
|  |  | RUS  101 | First Year  Russian | Emphasizes active communication in beginning Russian. Includes listening,  speaking, reading, writing, pronunciation, structure, vocabulary and culture.  For beginners. | 5 | PO,CH, | OSU,  PSU,  UO, |
|  |  | RUS  102 | First Year  Russian | Continues the work of RUS 101. Emphasizes active communication in  Russian. Includes listening, speaking, reading, writing, pronunciation,  structure, vocabulary, and culture. Recommended: Completion of RUS 101  or instructor permission. | 5 | PO,CH, | OSU,  PSU,  UO, |
|  |  | RUS  103 | First Year  Russian | Continues the work of RUS 102. Emphasizes active communication in  Russian. Includes listening, speaking, reading, writing, pronunciation,  structure, vocabulary and culture. Recommended: Completion of RUS 102  or instructor permission. | 5 | PO,CH, | OSU,  PSU,  UO, |
|  |  | RUS  111 | First Yr  Russian  Conversation | First Year Russian Conversation Continues to practice structures and  vocabulary presented in RUS 101 in a conversational format. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | RUS  112 | First Yr  Russian  Conversation | First Year Russian Conversation Continues to practice structures and  vocabulary presented in RUS 102 in a conversational format. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | RUS  113 | First Yr  Russian  Conversation | First Year Russian Conversation Review of structures and vocabulary  presented in RUS 103 or RUS 151 and introduction of new grammar  material. Special emphasis on conversational skills. Recommended:  Completion of RUS 102, 151, or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | RUS  150 | First Year  Russian | For beginners. Emphasizes active communication in beginning Russian.  Includes listening, speaking, reading, writing, pronunciation, structure,  vocabulary and culture. Recommended: Enrollment in RUS 111C when  offered. | 6 | PO, | OSU,  PSU,  UO, |
|  |  | RUS  151 | First Year  Russian | Continues the work of RUS 150. Emphasizes active communication in  Russian. Includes listening, speaking, reading, writing, pronunciation,  structure, vocabulary and culture. Recommended: Completion of RUS 150  or instructor permission. Recommended enrollment in RUS 111C when  offered. | 6 | PO, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | RUS  201 | Second Year  Russian | Continues the work of first year Russian, reviewing, expanding, and  perfecting pronunciation, structure, and vocabulary for the purpose of active  communication. Includes practice in reading and writing. Recommended:  Completion of first year Russian at college level or instructor permission. | 5 | PO, | OSU,  PSU,  UO, |
|  |  | RUS  202 | Second Year  Russian | Continuation of RUS 201. Continues to expand structure and vocabulary for  the purpose of active communication. Includes practice in reading and  writing. Recommended: Completion of RUS 201 or instructor permission. | 5 | PO, | OSU,  PSU,  UO, |
|  |  | RUS  203 | Second Year  Russian | Continuation of RUS 202. Continues to expand structure and vocabulary for  the purpose of active communication. Includes practice in reading and  writing. Recommended: Completion of RUS 202 or instructor permission.  Simultaneous enrollment in RUS 270C. | 5 | PO, | OSU,  PSU,  UO, |
|  |  | RUS  211 | Inter Russian  Conversation | Intermediate Russian Conversation Stresses conversational skills and  listening comprehension at the second-year level. Recommended:  completion of first year Russian at college level or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | RUS  212 | Inter Russian  Conversation | Intermediate Russian Conversation Stresses conversational skills and  listening comprehension at the second-year level. Recommended:  completion of RUS 201 or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | RUS  213 | Inter Russian  Conversation | Intermediate Russian Conversation Stresses conversational skills and  listening comprehension at the second-year level. Recommended:  completion of RUS 202 or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | RUS  217 | Russian for  Native  Speakers | Improve skills in spelling, grammar, reading, composition, and translation.  Recommended: Speaker of Russian as first language and ability to read  and write. | 3 | PO, | OSU,  PSU, |
|  |  | RUS  218 | Russian for  Native  Speakers | Improve skills in spelling, grammar, reading, composition, and translation.  Recommended: speaker of Russian as first language and ability to read and  write. | 3 | PO, | OSU,  PSU, |
|  |  | RUS  219 | Russian for  Native  Speakers | Improve skills in spelling, grammar, reading, composition, and translation.  Recommended: speaker of Russian as first language and ability to read and  write. | 3 | PO, | OSU,  PSU, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | RUS  250 | Second Year  Russian | Continues the work of first year Russian, reviewing, expanding, and  perfecting pronunciation, structure, and vocabulary for the purpose of active  communication. Includes practice in reading and writing. Recommended:  completion of first year Russian at college level or instructor permission.  Simultaneous enrollment in RUS 211C. | 6 | PO, | OSU,  PSU,  UO, |
|  |  | RUS  251 | Second Year  Russian | Continuation of RUS 250. Continues to expand structure and vocabulary for  the purpose of active communication. Includes practice in reading and  writing. Recommended: completion of RUS 250 or instructor permission.  Simultaneous enrollment in RUS 212Cor 270C. | 6 | PO, | OSU,  PSU,  UO, |
|  |  | RUS  262R | Russian  Culture in  Russia | Studies and discusses Russian culture and history. Facilitates excursions  which parallel topics in class. Designed for students participating in  approved Russian study abroad programs. Recommended: completion of  RUS 103 or RUS 203. | 4 |  | PSU,  UO, |
|  |  | RUS  270 | Readings in  Russian | Read and discuss accessible works of Russian prose and poetry.  Emphasizes skills for reading in Russian. Recommended completion of or  concurrent enrollment in RUS 203 or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | RUS  271 | Readings in  Russian | Read and discuss accessible works of Russian prose and poetry.  Emphasizes skills for reading in Russian. Recommended: completion of or  concurrent enrollment in RUS 203 or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | RUS  272 | Readings in  Russian | Read and discuss accessible works of Russian prose and poetry.  Emphasizes skills for reading in Russian. Recommended: completion of or  concurrent enrollment in RUS 203 or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | RUS  280 | CE/ Russian | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all aspects of the industry . |  |  |  |
|  |  | RUS  298 | Independent  Study: | Advanced, individualized study in areas not considered in other courses to  meet special interests or program requirements. Complete a term project  approved by the instructor. Recommended: prior study, and instructor  permission. |  |  |  |
|  |  | RUS  299 | Special  Studies: | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **LANGUAGES** |  |  |  | **SPANISH** |  |  |  |
|  |  | SPA 101 | First Year  Spanish | Beginning communication in Spanish. Includes listening, speaking, reading,  writing, pronunciation, structure, vocabulary and culture. | 4 | PO,CH,BM,  TB, CE,TV,  UM,LB,  CL,KL, | OSU,  PSU,  UO, |
|  |  | SPA 102 | First Year  Spanish | Active communication in Spanish. Includes listening, speaking, reading,  writing, pronunciation, structure, vocabulary and culture. Recommended:  Simultaneous enrollment in SPA 112C. Completion of SPA 101 or  equivalent also recommended. | 4 | PO,CH,BM,  TB, CE,TV,  UM,CL,  LB,KL, | OSU,  PSU,  UO, |
|  |  | SPA 103 | First Year  Spanish | Active communication in Spanish. Includes listening, speaking, reading,  writing, pronunciation, structure, vocabulary and culture. Recommended:  Simultaneous enrollment in SPA 113C. Completion of SPA 102 or  equivalent also recommended. | 4 | PO,CH,  BM,TB,  CE,TV,  UM, | OSU,  PSU,  UO, |
|  |  | SPA 111 | First Yr  Spanish  Conversation | First Year Spanish Conversation Practice of structures and vocabulary of  first year Spanish in a conversational format. Recommended: First year  Spanish at the college level or instructor permission. | 3 | PO,CH,BM,  TB, CE,TV,  UM,MH,CT,  LA,OC,RO,  KL, | OSU,  PSU,  UO, |
|  |  | SPA 112 | First Yr  Spanish  Conversation | First Year Spanish Conversation Practice of structures and vocabulary of  first year Spanish in a conversational format. Recommended: First year  Spanish at the college level or instructor permission. | 3 | PO,CT,  LA,MH, | OSU,  PSU,  UO, |
|  |  | SPA 113 | First Yr  Spanish  Conversation | First Year Spanish Conversation Continuation of SPA 112A.  Recommended: First year Spanish at the college level or instructor  permission. | 3 | PO,CH,  CT,LA, | OSU,  PSU,  UO, |
|  |  | SPA 150 | First Year  Spanish | Emphasizes active communication in Spanish. Includes listening, speaking,  reading, writing, pronunciation, structure, vocabulary and culture. For  beginners. | 6 | PO,CH, | OSU,  PSU,  UO, |
|  |  | SPA 151 | First Year  Spanish | Increases vocabulary and proficiency in the present, past and future tenses,  and the command of verb forms. Engage in and initiate Spanish dialogue.  Recommended: SPA 150 or completion of at least two years of recent high  school Spanish. | 6 | PO,CH, | OSU,  PSU,  UO, |
|  |  | SPA 198 | Spanish  Independent  Study | Provides an opportunity for intermediate and advanced students to expand  skills in reading, writing, understanding the culture, literature, and grammar. |  | MH, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | SPA 199 | Special  Studies:  Spanish | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  | PO,LA, |  |
|  |  | SPA 201 | First Year  Spanish | Reviews and expands the use of basic vocabulary, structural patterns,  indicative tenses and commands from first-year college Spanish. Listen,  speak, write and read in Spanish. SPA 151, SPA 103, or instructor  permission required. Recommended: Simultaneous enrollment in SPA 211. | 4 | PO,CH,  BM,TB,  RO,CT,  LA,MH, KL, | OSU,  PSU,  UO, |
|  |  | SPA 202 | Second Year  Spanish | Practice and expand vocabulary and structures. Emphasizes subjunctive  tenses to express personal feelings, doubts and opinions in Spanish.  Recommended: Simultaneous enrollment in SPA 212. Completion of SPA  201 or equivalent also recommended. | 4 | PO,CH,  BM,TB,  RO,CT,  LA,MH, KL, | OSU,  PSU,  UO, |
|  |  | SPA 203 | Second Year  Spanish | Practice and expand vocabulary and subjunctive patterns. Listen, speak,  read, write and begin to sense the culture in the idiom. Recommended:  Simultaneous enrollment in SPA 213. Completion of SPA 202 or equivalent  also recommended. | 4 | PO,CH,  BM,TB,  RO,CT,  LA,MH, KL, | OSU,  PSU,  UO, |
|  |  | SPA 211 | Inter Spanish  Conversation | Intermediate Spanish Conversation Stresses conversational skills at the  second year level. Recommended: Completion of or simultaneous  enrollment in SPA 201 or instructor permission. | 3 | PO,BM,  CH,LA, | OSU,  PSU,  UO, |
|  |  | SPA 212 | Inter Spanish  Conversation | Intermediate Spanish Conversation Continuation of SPA 211.  Recommended: Completion of or simultaneous enrollment in SPA 202 or  instructor permission. | 3 | PO,BM,  CH,LA, | OSU,  PSU,  UO, |
|  |  | SPA 213 | Inter Spanish  Conversation | Intermediate Spanish Conversation Continuation of SPA 212.  Recommended: Completion of or simultaneous enrollment in SPA 203 or  instructor permission. | 3 | PO,BM,  CH,LA, | OSU,  PSU,  UO, |
|  |  | SPA 217 | Reading &  Writing for  Experience | Reading & Writing for Experienced Speakers of Spanish Improve native  speakers' Spanish skills in spelling, grammar, reading, composition, and  translation. Recommended: Speaker of Spanish as a first language who  can read and write. | 3 | PO, | OSU,  PSU, |
|  |  | SPA 218 | Reading &  Writing for  Experience | Reading & Writing for Experienced Speakers of Spanish Improve native  speakers' Spanish skills in spelling, grammar, reading, composition, and  translation. Recommended: Speaker of Spanish as a first language who  can read and write. | 3 | PO, | OSU,  PSU, |
|  |  | SPA 219 | Reading &  Writing for  Experience | Reading & Writing for Experienced Speakers of Spanish Improve native  speakers' Spanish skills in spelling, grammar, reading, composition, and  translation. Recommended: Speaker of Spanish as a first language who  can read and write. | 3 | PO, | OSU,  PSU, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | SPA 250 | Second Year  Spanish | Develop and practice language competence and proficiency by reinforcing  all basic structures and expanding vocabulary of first year Spanish.  Emphasizes understanding, speaking, reading and writing. Recommended:  Completion of first year college Spanish or three or more years of recent  high school Spanish, or instructor permission. | 6 | PO, | OSU,  PSU,  UO, |
|  |  | SPA 251 | Second Year  Spanish | Develop and practice communicative competence and proficiency.  Emphasizes proper use of the subjunctive to understand and express  personal feelings and thoughts. Focuses on various dimensions of Hispanic  culture. Recommended: Completion of SPA 250 or four or more years of  recent high school Spanish or instructor permission. | 6 | PO, | OSU,  PSU,  UO, |
|  |  | SPA 255 | Accelerated  Spanish | For beginners. Covers the material of SPA 101 and SPA 102 in an  accelerated format. Stresses the development of listening, speaking,  reading, writing and cultural awareness through a communicative approach.  Primary emphasis is on student's active use of the language.  Recommended for the motivated student. | 8 |  |  |
|  |  | SPA 256 | Accelerated  Spanish | Covers the material of SPA 103 and SPA 201 in an accelerated format.  Continues the work of SPA 255C further developing all skills. Primary  emphasis is on student's active use of the language. Recommended:  Completion of SPA 102 or SPA 255 or instructor permission. | 8 |  |  |
|  |  | SPA 257 | Accelerated  Spanish | Covers the material of SPA 202 and 203 in an accelerated format.  Continues the work of SPA 256, further developing all skills. Primary  emphasis is on the student's active use of the language. Recommended:  Completion of SPA 201 or SPA 256 or instructor permission. | 8 |  |  |
|  |  | SPA 260 | Spanish  Culture | Hispanic culture through reading, conversation, and writing. Conducted in  Spanish. Specific regional and topical focus is subtitled in the schedule  when offered. Recommended: Completion of SPA 203, SPA 251, or  instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | SPA 261 | Spanish  Culture | Hispanic culture through reading, conversation, and writing. Conducted in  Spanish. Specific regional and topical focus is subtitled in the schedule  when offered. Recommended: Completion of SPA 203, SPA 251, or  instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | SPA 262 | Spanish  Culture | Hispanic culture through reading, conversation, and writing. Conducted in  Spanish. Specific regional and topical focus is subtitled in the schedule  when offered. Recommended: Completion of SPA 203, SPA 251, or  instructor permission. | 3 | PO, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | SPA 270 | Readings in  Spa Lit  (Hispanic) | Readings in Spanish Literature (Hispanic) Reading and discussion of  Hispanic people and culture through essays, poetry, short story, novels and  theater. Focuses on the Hispanic region, period and genre subtitled in the  schedule. Conducted in Spanish. | 3 | PO, | OSU,  PSU, |
|  |  | SPA 271 | Readings in  Spa Lit  (Women Wr) | Readings in Spanish Literature (Women Writers) Literature written by  women in Spanish. Read literary essays, poetry, short stories, novels  and/or theater by Spanish and Latin American women. Conducted in  Spanish. | 3 | PO, | OSU,  PSU, |
|  |  | SPA 272 | Readings in  Spa Lit (Spain) | Readings in Spanish Literature (Spain) Reading and discussion of Spanish  people and culture through essays, poetry, short story, novels and/or  theater. Focuses on peninsular literature, period and genre subtitled in the  schedule. Conducted in Spanish. | 3 | PO, | OSU,  PSU, |
|  |  | SPA 280 | Cooperative  Work  Experience: | On-the-job experience (paid or volunteer) which enables the student to  apply the knowledge, skills and experience gained through the on-campus  program to all aspects of the industry. Cooperative Work Experience is  offered for variable credit, based on the student's objectives. Instructor  permission is required. The student is responsible for locating a job site. |  | KL, |  |
|  |  | SPA 290 | Spanish  Composition | Reviews and practices basic grammatical concepts to increase confidence  and fluency in writing correctly. Recommended: Completion of SPA 203,  SPA 251, or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | SPA 291 | Spanish  Composition | Reviews and practices basic grammatical concepts to increase confidence  and fluency in writing correctly. Recommended: Completion of SPA 203,  SPA 251, or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | SPA 292 | Spanish  Composition | Reviews and practices basic grammatical concepts to increase confidence  and fluency in writing correctly. Recommended: Completion of SPA 203,  SPA 251, or instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | SPA 298 | Special  Studies | Independent Studies: Spanish, Offers individualized study at an advanced  level in areas of Spanish not considered in other courses to meet special  interests or program requirements. Students complete a term project and  readings approved by the instructor. Instructor approval in required.  Recommended; Prior study on Spanish. | 3 | BM,CH,  CT, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **MATH** | MTH  105 |  | Intro to  Contemporary  Math | Topics include systems of linear equations, statistics, measurement,  mathematical modeling and problem solving. Prerequisite: Intermediate  Algebra. | 4 | CE,TV,CT,  UM,SW,KL,  CH,LA,LB,  MH, OC, |  |
|  | MTH  108 |  | Matrices | A brief course in matrix arithmetic, inverses, determinants, row-reduced  echelon form and their applications. Graphing calculator required.  Prerequisite: MTH 95. | 1 | PO, |  |
|  | MTH  109 |  | Conic  Sections | A brief course in conic sections including graphing forms, geometric  properties and applications. Graphing calculator required. Prerequisite:  MTH 95. | 1 |  |  |
|  | MTH  111 |  | College  Algebra | College Algebra for Liberal Arts Relations and functions are investigated  graphically, numerically, symbolically, and verbally. Logarithmic functions,  exponential functions, and systems of equations are explored. Special  topics include Statistics and Geometry. Applications are investigated from  Liberal Arts perspectives. Technology is integrated throughout the course.  Graphics calculator is required. TI-86 calculator is recommended. | 4 | PO,CH,  KL,BM,  CE,CT,  TV,UM,  CG,TB, | OSU,  PSU,  UO, |
| \* | MTH  112 |  | Elementary  Functions | Topics are investigated graphically, numerically, symbolically, and verbally  and include: trigonometric functions and their graphs, trigonometric  equations and identities, solution of right and oblique triangles, vectors,  polar coordinates, parametric equations and complex numbers. Students  communicate results in oral and written form. Graphing technology required.  TI-86 calculator recommended. | 4 | PO,CH,  KL,BM,  CE,CT,  TV,UM,  CG,TB, | OSU,  PSU,  UO, |
| \* | MTH  113 |  | Analytic  Geometry/  Precalculus | Graphing techniques including applications to polynomial and rational  functions, conic sections and transformations. |  | CO,TV, |  |
|  | MTH  116 |  | Calculus  Preparation | Logarithmic functions, exponential functions, polynomial functions, rational  functions, and trigonometric functions are explored graphically, numerically,  symbolically, and verbally. Applications are investigated from Science and  Engineering perspectives. Students communicate results in oral and written  form. Technology is integrated throughout the course. Graphing technology  required. TI-86 calculator recommended. Prerequisites: MTH 112 and  placement into WR 115. | 4 | PO,CH,  TB,LB, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | MTH  191 |  | Math Tutoring: | Mathematics Tutoring: Pre 100-level Credit Courses Training in one-to-one  and small group tutoring in arithmetic and other non-transfer courses.  Required field work consists of providing tutoring service in the community  or college. Consent of instructor required. | 3 | PO, |  |
| \* | MTH  198 |  | Independent  Study:  Mathematics | Presents selected topics of study in mathematics offered on a temporary or  experimental basis. |  | KL,BM, CE |  |
|  | MTH  199 |  | Special  Studies:  Mathematics | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. | 1 | TV,LB, |  |
| \* | MTH  211 |  | Foundations of  Elem Math I | Foundations of Elementary Math I Surveys mathematical topics for those  interested in the presentation of mathematics at the K-9 levels. Various  manipulative and heuristic problem solving strategies are used to  emphasize problem solving, patterns, sequences, set theory, logic,  numeration systems, number bases, arithmetic operations, and number  theory. Prerequisite: MTH 95. | 3 | PO,CH,  BM,TB,  TV,UM,  KL,CT,  CG,SW,  CL, | OSU,  PSU,  UO, |
| \* | MTH  212 |  | Foundations of  Elem Math II | Foundations of Elementary Math II Surveys mathematical topics for those  interested in the presentation of mathematics at the K-9 levels. Various  manipulative and heuristic problem solving approaches are used to explore  rational numbers (fractions, decimals, percents), integers, the set of  irrational numbers, the set of real numbers, and simple probability and  statistics. Prerequisite: MTH 95. | 3 | PO,CH,  BM,TB,  TV,UM,  KL,CT,  CG,CE,  SW | OSU,  PSU,  UO, |
| \* | MTH  213 |  | Foundations of  Elem Math III | Foundations of Elementary Math III Surveys mathematical topics for those  interested in the presentation of mathematics at the K-9 levels. Various  manipulative and heuristic problem solving approaches are used to explore  algebra and functions, informal geometry, transformational geometry, and  measurement systems. Prerequisite: MTH 95. | 3 | PO,CH,CT,  BM, TB,TV,  UM,KL,CG,  CO, SW, | OSU,  PSU,  UO, |
| \* | MTH  231 |  | Elements of  Discrete Mth I | Elements of Discrete Mathematics I A survey course introducing the  language, concepts, techniques, and applications of Discrete Math. Topics  include: Logic, Set Theory, Graph Theory and Combinatorics. Prerequisite:  MTH 111B or MTH 111C. | 4 | PO,CH,  BM,TV,  UM,CO, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | MTH  232 |  | Elements of  Discrete Math  II | Includes mathematical logic induction, theory of graphs and trees, functions  and relations, permutations and combinations, discrete probability, Boolean  algebra, and elementary group theory. | 4 | CH,CE, |  |
| \* | MTH  233 |  | Elements of  Discrete Math  III | Includes mathematical logic induction, theory of graphs and trees, functions  and relations, permutations and combinations, discrete probability, Boolean  algebra, and elementary group theory. |  |  |  |
| \* | MTH  234 |  | Discrete  Mathematics | Includes elementary logic, induction, functions and sequences, set theory,  relations, graphs, trees and semi groups. |  |  |  |
| \* | MTH  241 |  | Calc for Mgmt,  Life/Social Sci | Calculus for Management, Life and Social Science Topics include limits,  continuity, derivatives, and integrals. Applications are investigated from  science, business, and social science perspectives. Graphics calculator  required. TI-86 calculator recommended. Prerequisite: MTH 111B or MTH  111C and placement into WR 121. | 4 | PO,CH,  BM,TV,  UM,KL,  CE,CT,  TB,SW, | OSU,  PSU,  UO, |
| \* | MTH  242 |  | Calculus for  Mgmt, Social  Sci II | Introduction to differential and integral calculus of polynomial, rational,  exponential and logarithmic functions with applications in the social and  managerial sciences. |  | UM,SW, |  |
| \* | MTH  243 |  | Statistics I | Topics include frequency distributions and their graphs, descriptive  statistics, elementary probability distributions and introduction to confidence  intervals. Applications are investigated from science, business, and social  science perspectives. Statistical software is integrated throughout the  course. Graphics calculator required. TI-86 calculator recommended.  Prerequisite: MTH 95 and placement into WR 121. | 4 | PO,CH,  BM,TB,  TV,UM,  KL,CE,  CG,CT,  SW, | OSU,  PSU,  UO, |
| \* | MTH  244 |  | Statistics II | Topics include confidence interval estimation, hypothesis testing, ANOVA,  Chi-square tests, regression and correlation. Applications are investigated  from science, business, and social science perspectives. Statistical  software is integrated throughout the course. Graphics calculator required.  TI-86 calculator recommended. Prerequisite: MTH 243 and placement into  WR 121. | 4 | PO,CH,  TB,TV,  KL,CE, CT, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | MTH  245 |  | Mth for Mgmt,  Life/Soc.  Science |  | 4 | LB, |  |
| \* | MTH  251 |  | Calculus I | Topics include: limits, continuity, derivatives, and definite integrals. Students  will communicate their results in oral and written form. Graphics calculator  required. Prerequisites: MTH 112 or MTH 116 or CMET 131, and placement  into WR 121. prerequisite: MTH 251 lab section. | 4 | PO,CH,BM,  TB, TV,UM,  SW,KL,CO,  CT, LA,CL,  LB,RO,MH, | OSU,  PSU,  UO, |
| \* | MTH  252 |  | Calculus II | Topics include: applications of the derivative, the anti-derivative, and the  definite integral. Students will communicate their results in oral and written  form. Graphics calculator is required. Prerequisites: MTH 251 and  placement into WR 121. | 4 | PO,CH,BM,  TB, TV,UM,  SW,KL,CG,  LA,RO,MH, | OSU,  PSU,  UO, |
| \* | MTH  253 |  | Calculus III | Topics include: infinite sequences and series (emphasis on Taylor series),  and introduction to differential equations, and vectors in three space.  Students will communicate their results in oral and written form. Graphics  calculator required. Prerequisites: MTH 252 and placement into WR 121. | 4 | PO,CH,BM,  TB, TV,UM,  SW,KL,CG,  LA,RO,MH, | OSU,  PSU,  UO, |
| \* | MTH  254 |  | Vector  Calculus I | Topics include multivariate and vector-valued functions from a graphical,  numerical, and symbolic perspective. Applies integration and differentiation  of both types of functions to solve real world problems. Students will  communicate their results in oral and written form. Graphics calculator is  required. Prerequisites: MTH 253 and placement into WR 121. | 4 | PO,CH  ,BM,TV,  UM,KL,  SW,CE,  CT,CL,  LA,LB, RO | OSU,  PSU,  UO, |
| \* | MTH  255 |  | Vector  Calculus I | Vector and vector functions, parametric curves, applications to motion,  surfaces, partial derivatives. Multiple integrals with applications. May also  introduce elements of linear algebra. |  | SW,CH,  LA,LB, CO, |  |
| \* | MTH  256 |  | Differential  Equations | Study a variety of differential equations and their solutions, with emphasis  on applied problems in engineering and physics. Differential equations  software will be used. Students communicate results in oral and written  form. Graphics calculator required. Prerequisites: MTH 253 and placement  into WR 121. | 4 | PO,CH,  KL,BM,  UM,SW,  CE,CL,  LB,LA, MH, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | MTH  261 |  | Applied Linear  Algebra I | Overview of linear algebra with some application. Includes linear systems,  vector spaces, exigent spaces and applications. Graphics calculator  required. Prerequisites: MTH 253 and placement into WR 121. | 4 | PO,BM,  KL,CL,  LA,RO, | OSU,  PSU,  UO, |
| \* | MTH  262 |  | Linear Algebra  II | Finite dimensional vector spaces, matrices, and linear transformations. | 4 | KL,PO, |  |
| \* | MTH  265 |  | Statistics for  Science/Engin  eer | Introduction to probability and statistics with specific applications to science  and engineering. |  | SW,LB, |  |
| \* | MTH  271 |  | Structures I | Topics include logic, set theory, number theory, structure of real numbers,  discrete probability, group theory and topology. |  |  |  |
| \* | MTH  272 |  | Structures II | Topics include logic, set theory, number theory, structure of real numbers,  discrete probability, group theory and topology. |  |  |  |
| \* | MTH  273 |  | Structures III | Topics include logic, set theory, number theory, structure of real numbers,  discrete probability, group theory and topology. |  |  |  |
| \* | MTH  280 |  | Cooperative  WK Exp.:  Math | Provides work-related experience and study in selected occupational  environment. |  | KL,BM,  RO, CL, |  |
| \* | MTH  281 |  | Calculus of  Several  Variables I | The calculus of several variables, partial differentiation, gradient,  divergence and curl, like and surface integrals, Green's and Stokes'  theorems. |  |  |  |
| \* | MTH  282 |  | Calculus of  Several  Variables II | The calculus of several variables, partial differentiation, gradient,  divergence and curl, like and surface integrals, Green's and Stokes'  theorems. |  |  |  |
| \* | MTH  295 |  | Introduction to  Proofs | The nature of direct and indirect proofs in mathematic. Logic and the  language of proofs, quantifiers, sets, and mathematics induction. |  |  |  |
| \* | MTH  298 |  | Independent  Study:  Mathematics | Offers topics of study in mathematics with individual research or field study. |  | KL, |  |
| \* | MTH  299 |  | Special  Studies:  Mathematics | Presents selected topics of study in mathematics offered on a temporary or  experimental basis. |  | KL,BM, LB |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **MUSIC** |  |  | NOTE: Dance is  under major  heading of Health |  |  |  |  |
|  | MUP  100 |  | Individual  Lessons/Non-  Majors | Individual Lessons for Non-majors Includes Individual instruction in piano,  organ, voice and instruments of the band and orchestra. Can be taken for a  maximum of six credits. Credit fee is paid to the college. Lesson fees are  variable and paid directly to instructor. | 1 | CH,PO, | OSU,  PSU,  UO, |
|  | MUP  101 |  | Fundamentals  of Music |  | 1 | CO,BM,  TV, |  |
|  | MUP  102 |  | Concert Band |  | 1 | CL,RO, |  |
|  | MUP  111 |  | Music Theory  IA |  | 3 | BM,CE,  PO,TV,  UM, |  |
|  | MUP  112 |  | Music Theory  IB |  | 3 | BM,CE,  PO,TV,  UM, |  |
|  | MUP  113 |  | Music Theory  IC |  | 3 | BM,CE,  PO,TV,  UM, |  |
|  | MUP  171 |  | Applied Piano |  | 1 | BM,TV,  UM,CE,  PO,SW, | PSU,  UO, |
|  | MUP  172 |  | Applied  Harpsichord |  | 1 | UM, |  |
|  | MUP  173 |  | Applied Organ |  | 1 | BM,TV, |  |
|  | MUP  174 |  | Applied Voice |  | 1 | CH,BM,  TV,UM,  CO,PO, | PSU,  UO, |
|  | MUP  175 |  | Applied Violin |  | 1 | PO,TV,  CT,UM, | UO, |
|  | MUP  176 |  | Applied Viola |  | 1 |  |  |
|  | MUP  177 |  | Applied Cello |  | 1 |  | UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | MUP  178 |  | Applied Bass |  | 1 | TV, |  |
|  | MUP  179 |  | Applied Harp |  | 1 | PO, |  |
|  | MUP  180 |  | Applied Guitar |  | 1 | TV,UM,  CT,CO,  PO, |  |
|  | MUP  181 |  | Applied Flute |  | 1 | UM,PO, |  |
|  | MUP  182 |  | Applied Oboe |  | 1 |  |  |
|  | MUP  183 |  | Applied  Clarinet |  | 1 |  |  |
|  | MUP  184 |  | Applied  Saxophone |  | 1 | TV, |  |
|  | MUP  185 |  | Applied  Bassoon |  | 1 |  |  |
|  | MUP  186 |  | Applied  Trumpet |  | 1 | UM,TV, |  |
|  | MUP  187 |  | Applied  French Horn |  | 1 |  |  |
|  | MUP  188 |  | Applied  Trombone |  | 1 | TV, |  |
|  | MUP  189 |  | Applied  Baritone |  | 1 |  |  |
|  | MUP  190 |  | Applied Tuba |  | 1 | TV,UM, |  |
|  | MUP  191 |  | Applied  Percussion |  | 1 | BM,TV,  UM,PO, |  |
|  | MUP  192 |  | Applied Music  Miscellaneous | Individual first-year instruction in piano, voice and instruments of the band  and orchestra. | 1 | PO,BM,  TV,UM, | OSU,  UO, |
|  | MUP  199 |  |  |  |  |  |  |
|  | MUP  202 |  | Concert Band |  | 1 | SW,CL |  |
|  | MUP  205 |  | Jazz  Ensemble |  | 1 | CL,MH, TV, |  |
|  | MUP  225 |  | Vocal Jazz  Ensemble |  | 1 | CL,MH, TV, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | MUP  271 |  | Applied Piano |  | 1 | BM,TV,  UM,CO,  LA,PO,  SW,MH, | UO, |
|  | MUP  272 |  | Applied  Harpsichord |  | 1 |  |  |
|  | MUP  273 |  | Applied Organ |  | 1 | TV, |  |
|  | MUP  274 |  | Applied Voice |  | 1 | BM,TV,  UM,CE,  PO,SW,  CL,MH, LA, | PSU, |
|  | MUP  275 |  | Applied Violin |  | 1 | UM,CL, | UO, |
|  | MUP  276 |  | Applied Viola |  | 1 |  |  |
|  | MUP  277 |  | Applied Cello |  | 1 |  |  |
|  | MUP  278 |  | Applied Bass |  | 1 | CL,MH,  TV,SW, |  |
|  | MUP  279 |  | Applied Harp |  | 1 | PO, |  |
|  | MUP  280 |  | Applied Guitar |  | 1 | CL,MH,  SW,UM,  CE,CT, |  |
|  | MUP  281 |  | Applied Flute |  | 1 | UM,CT,  CE,TV |  |
|  | MUP  282 |  | Applied Oboe |  | 1 | TV, |  |
|  | MUP  283 |  | Applied  Clarinet |  | 1 | SW,LA, |  |
|  | MUP  284 |  | Applied  Saxophone |  | 1 | MH, |  |
|  | MUP  285 |  | Applied  Bassoon |  | 1 |  |  |
|  | MUP  286 |  | Applied  Trumpet |  | 1 | UM,CL,  MtH |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | MUP  287 |  | Applied  French Horn |  | 1 | MH, |  |
|  | MUP  288 |  | Applied  Trombone |  | 1 |  |  |
|  | MUP  289 |  | Applied  Baritone |  | 1 | MH |  |
|  | MUP  290 |  | Applied Tuba |  | 1 | TV,UM, |  |
|  | MUP  291 |  | Applied  Percussion |  | 1 | BM,TV,  LA,UM,  SW,MH, |  |
|  | MUP  292 |  | Applied Music  Miscellaneous | Individual second-year instruction in piano, voice and instruments of the  band and orchestra. Prerequisites: MUP 171-192. | 1 | BM,TV,  UM, |  |
|  | MUP  293 |  | Applied Guitar |  | 1 | TV, |  |
|  | MUP  298 |  |  |  |  |  |  |
|  | MUP  299 |  |  |  |  |  |  |
|  | MUS  101 |  | Music  Fundamentals |  | 3 | BM,CE,LA,  LB,SW,MH,  CL,RO, |  |
|  | MUS  105 |  | Music  Appreciation | Covers music terms, forms and styles. Listen to classical music of our  culture from the Baroque era to the present. | 3 | PO,CH,  TV,UM,  MH,LB, | OSU,  PSU,  UO, |
|  | MUS  106 |  | Opera  Appreciation | Covers musical and dramatic analysis of opera. Read about and listen to  operas dating from 1600 to the present. | 3 | PO, | OSU,  PSU,  UO, |
|  | MUS  110 |  | Fundamentals  of Music | Covers Concepts of sound, music notation, rhythm, meter, intervals, modes,  scales, triads, sight singing and ear training. Introduces the basic  terminology of music theory and begins development of musical skills. | 3 | PO,TV, | OSU,  PSU,  UO, |
|  | MUS  111 |  | Music Theory I | Covers basic structure of music (tonality, modality, melody, harmony,  rhythm, modulation and phrase structure) as it is exhibited through diatonic  harmony. Meets arts and humanities sequence requirement for Associate of  Arts Oregon Transfer degree. Prerequisite: MUS 110. | 3 | PO,BM,  TV,UM,  CE,SW, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | MUS  112A |  | Music Theory I | Basic structure of music (tonality, modality, melody, harmony, rhythm,  modulation and phrase structure) as it is exhibited through diatonic  harmony. Meets arts and humanities sequence requirement for the  Associate of Arts Oregon Transfer degree. Prerequisite: MUS 111. | 3 | PO,BM,  CE,UM,  SW, | OSU,  PSU,  UO, |
|  | MUS  112C |  | Sight Sing &  Ear Train I | Music Theory I: Sight Singing and Ear Training Continues development of  skills learned in MUS 111C. Develop musical skills emphasizing sight and  sound of melodic, rhythmic and harmonic intervals. Demonstrate musical  recognition by singing and/or tapping the musical symbols presented for  performance. Continued development of melodic, rhythmic and harmonic  dictation. Prerequisite: MUS 111C. | 1 | PO, | OSU,  PSU,  UO, |
|  | MUS  113 |  | Music Theory I | Covers basic structure of music (tonality, modality, melody, harmony,  rhythm, modulation and phrase structure) as it is exhibited through diatonic  harmony. Introduction to chromatic harmony. Prerequisite: MUS 112A. | 3 | PO,BM,  TV,UM,  CE,SW, | OSU,  PSU,  UO, |
|  | MUS  113B |  | Music Theo I:  Keyboard  Harmony | Music Theory I: Keyboard Harmony Piano keyboard performance of simple  keyboard skills (scales, cadences, melody harmonization, simple  accompaniment patterns and transposition) as they apply to principles  studied in Music Theory II. Prerequisite: MUS 211. | 2 | PO,CE, TV, | OSU, |
|  | MUS  113C |  | Sight Sing &  Ear Train I | Music Theory I: Sight Singing and Ear Training Continues development of  skills learned in MUS 112C. Develop musical skills emphasizing sight and  sound of melodic, rhythmic and harmonic intervals. Demonstrate musical  recognition by singing and/or tapping the musical symbols presented for  performance. Continued development of melodic, rhythmic and harmonic  dictation. Prerequisite: MUS 112C. | 1 | PO, | OSU,  PSU,  UO, |
|  | MUS  114 |  | Sight Singing  and Ear  Training | Offers Practice in singing and reading music with our accompaniment.  Stresses music terminology, rhythms and intervals. | 1 | SW,CE,  TV,CL,  LA,UM, |  |
|  | MUS  115 |  | Sight Singing  and Ear  Training | Continues practice in singing and reading music without accompaniment.  Includes terminology and four part music. | 1 | SW,CE,  TV,UM,  LA,CL, |  |
|  | MUS116 |  | Sight Singing  and Ear  Training | Continues practice in singing and reading music without accompaniment.  Includes terminology and four part music. | 1 | SW,CE,  TV,UM,  LA,CL, |  |
|  | MUS  131 |  | Class Piano | Offers Theory and Practice in piano and keyboard techniques. | 1 | BM,TV,  UM,CE,  PO,SW, | PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | MUS  132 |  | Class Piano |  |  |  |  |
|  | MUS  133 |  | Class Piano |  |  |  |  |
|  | MUS134 |  | Class Voice |  |  |  |  |
|  | MUS135 |  | Class Voice |  |  |  |  |
|  | MUS136 |  | Class Voice |  |  |  |  |
|  | MUS137 |  | Class Guitar |  |  |  |  |
|  | MUS138 |  | Class Guitar |  |  |  |  |
|  | MUS  199 |  |  | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |
|  | MUS  201 |  | Intro to Music  & Its Lit | Introduction to Music and Its Literature Covers music of the Medieval,  Renaissance and Baroque eras of music history. | 3 | PO,CH,BM,  KL, LA,RO,  CO,TV,UM, |  |
|  | MUS  202 |  | Intro to Music  & Its Lit | Introduction to Music and Its Literature Covers music of the Classic and  Romantic eras of music history. | 3 | PO,CH,BM,  TV,UM,CO,  CL,KL,LA,  RO, | OSU,  PSU,  UO, |
|  | MUS  203 |  | Intro to Music  & Its Lit | Introduction to Music and Its Literature Covers music of the post-Romantic  era and the 20th century. | 3 | PO,CH,BM,  TV, UM,CL,  KL,LA,RO,  CO, | OSU,  PSU,  UO, |
|  | MUS  205 |  | Introduction to  Jazz History | Covers the 90-year history of jazz, a truly American art form. Eras, styles,  and significant artists are examined and analyzed. | 3 | PO,CH,  BM,LA, LB, | OSU,  PSU,  UO, |
|  | MUS  206 |  | Intro to History  of Rock Music | Introduction to the History of Rock Music Examines rock music's roots and  development, its innovators and significant events through a cultural as well  as musical perspective. | 3 | PO,CL, | OSU,  PSU,  UO, |
|  | MUS  207 |  | Intro to History  of Folk Music | Introduction to the History of Folk Music Examines ballads, work songs,  bluegrass, country blues and gospel music are examined as well as  influential non-American styles. Also covers protest songs and the "folk  revival" of the sixties. | 3 | PO,TV, | OSU,  PSU,  UO, |
|  | MUS  208 |  | African-  American  Music | Traces the spiritual and all of its counter-parts to gospel music back to its  African beginnings. Includes certain musical aspects of various African,  Caribbean and South American cultures. See how African-American music  is related to these cultures and how the inception of music in the African-  American tradition occurred. | 3 | PO,TV, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | MUS  209 |  | African-  American  Music | Examines the progression of African-American music to the blues. Includes  the elements of the blues and the various historical avenues in which it has  developed. Study how the blues has inspired and constructed the format of  today's music. | 3 | PO, | OSU,  PSU,  UO, |
|  | MUS  210 |  | African-  American  Music | Examines present-day jazz art-form through its progression from the blues.  Study the construction of jazz and its various formats, appreciate of the art-  form through direct exposure to the music, receive historical background  and examine its contribution to the international field of music. | 3 | PO, | OSU,  PSU,  UO, |
|  | MUS  211A |  | Music Theory  II | Continues work on skills from in Music Theory I adding compositional  techniques associated with the 20th century, as well as introducing tonal  counterpoint and formal musical analysis. Prerequisite: MUS 113. | 3 | PO,BM,CL,  MH,LA,SW,  TV,UM, | OSU,  PSU,  UO, |
|  | MUS  211B |  | Music Theo II:  Keyboard  Harmony | Music Theory II: Keyboard Harmony Piano keyboard performance of simple  keyboard skills (scales, cadences, melody harmonization, simple  accompaniment patterns and transposition) as they apply to principles  studied in Music Theory II. prerequisite: MUS211. | 1 | PO, | OSU,  PSU,  UO, |
|  | MUS  212A |  | Music Theory  II | Continues work on skills from Music Theory I, adding compositional  techniques associated with the 20th century, as well as introducing tonal  counterpoint and formal musical analysis. Prerequisite: MUS 211. | 3 | PO,CO,  TV,UM,  CL,LA, MH, | OSU,  PSU,  UO, |
|  | MUS  212B |  | Music Theo II:  Keyboard  Harmony | Music Theory II: Keyboard Harmony Continues development of piano  keyboard skills (scales, cadences, melody harmonization, simple  accompaniment patterns and transposition) as they apply to principles  studied in Music Theory II. Prerequisite: MUS 211B. prerequisite: MUS 212. | 1 | PO, | OSU,  PSU,  UO, |
|  | MUS  213A |  | Music Theory  II | Continues to work on skills from Music Theory I adding compositional  techniques associated with the 20th century. Includes tonal counterpoint  and formal musical analysis. Prerequisite: MUS 212A. | 3 | PO,BM,CO,  TV, UM,CL,  LA,MH, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | MUS  213B |  | Music Theo II:  Keyboard  Harmony | Music Theory II: Keyboard Harmony Continues development of piano  keyboard skills (scales, cadences, melody harmonization, simple  accompaniment patterns and transposition) as they apply to principles  studied in Music Theory II. Prerequisite: MUS 212B. prerequisite: MUS 213. | 1 | PO, | OSU,  PSU,  UO, |
|  | MUS  213C |  | Sight Sing &  Ear Train II | Music Theory II: Sight Singing and Ear Training A continuation of MUS  111C, 112C and 113C and must be taken concurrently with MUS 211, 212  and 213. | 1 | PO |  |
|  | MUS  220 |  | Chorus | Directed rehearsal and performance of music for the larger general chorus  of mixed voices--soprano, alto, tenor, bass. Chorus is open to all students  who desire to sing. No audition is required. Music selected will be keyed to  the ability of the group. Purpose is to develop as high a level of artistic  choral singing as is possible within the capability of the group. | 1 | PO, | OSU,  PSU,  UO, |
|  | MUS  221 |  | Chorus:  Chamber  Choir | Develop a high level of artistic choral singing through directed rehearsal and  performance of music for the smaller choir of mixed voices--soprano, alto,  tenor, bass. Audition required. | 2 |  | PSU, |
|  | MUS  280 |  | CWE:/ MUSIC | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all aspects of the industry . |  |  |  |
|  | MUS  298 |  | Independent  Study: | Advanced, individualized study in areas not considered in other courses to  meet special interests or program requirements. Complete a term project  approved by the instructor. Recommended: prior study, and instructor  permission. |  |  |  |
|  | MUS  299 |  | Special  Studies: | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \***PHILOSOPHY** | PHL 101 |  | Philosophical  Problems | Introduces problems and systems of philosophy. | 3 | RO,BM,  CT,TV, |  |
| \* | PHL 102 |  | Ethics | Develops the idea of man as a moral agent and considers critically various  interpretations of the ideals and standards of moral conduct. | 3 | BM,RO,  CT, |  |
| \* | PHL 103 |  | Critical  Reasoning | Focuses on improving reasoning and critical assessment ability.  Emphasizes practical methods, involves study of editorials, essays,  propaganda, advertisements, etc. | 3 | CL,RO,  BM,CT, |  |
|  | PHL 191 |  | Lang & The  Layout of  Argument | Critical Thinking: Language and the Layout of Argument Analyzes  arguments, recognize arguments when they occur, discern simple logical  patterns of argument, extract arguments from the contexts in which they  occur, restate them in clear and concise terms and clear away needless  language in formulating arguments. | 3 | PO, | OSU,  UO, |
|  | PHL 193 |  | Eval of  Practical  Argument | Critical Thinking: The Evaluation of Practical Argument introduces  techniques useful in evaluating arguments. Construct counter-arguments,  recognize common kinds of fallacious arguments, and discuss various types  of non-rational persuasion. | 3 | PO, | OSU,  PSU,  UO, |
|  | PHL 195 |  | Crit Think: Sci  & the Occult | Critical Thinking: Science and the Occult Introduces scientific method,  assessment criteria for scientific observations and explanations and the  difference between genuine and bogus science. | 3 | PO, | OSU,  PSU,  UO, |
|  | PHL 197 |  | TV & The  Present of  Reality | Critical Thinking: Television & The Presentation of Reality Thoughtful and  critical look at television programming. Includes news, entertainment  programming and commercials. Emphasizes thinking, talking and writing  about what they see on TV and reflecting on how television influences their  images of themselves and their reality. | 3 | PO, | OSU,  PSU,  UO, |
|  | PHL 201 |  | Philosophical  Problems | Introduction to Philosophy: Philosophical Problems Introduces metaphysics  and the theory of knowledge via the works of important figures in the history  of philosophy. Recommended: College level reading and writing ability. | 3 | PO,CH,TB,  TV,UM,CG,  KL,LA,LB,  MH, SW, | OSU,  PSU,  UO, |
|  | PHL 202 |  | Intro to Phil:  Elem Ethics | Introduction to Philosophy: Elementary Ethics Studies attempts by  philosophers to account for the difference between right and wrong, for the  notion of moral obligation and to answer the question: How should we lead  our lives. Recommended: College level reading and writing ability. | 3 | PO,CH,TB,  TV,UM,CG,  KL,LA,LB,  MH, SW, | OSU,  PSU,  UO, |
| \* | PHL 204 |  | Philosophy of  Religion | Examines the existence and attributes of God, faith, reason and mysticism,  religion and science, religion and morality, religious language and life after  death from the perspective of the philosopher. Recommended: College  level reading and writing ability. | 3 | PO,CG, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | PHL 205 |  | Biomedical  Ethics | Contemporary Moral Problems: Biomedical Ethics Covers philosophical  ethics designed primarily for nursing and other health care students.  Focuses on applying ethical concepts to the situations and dilemmas  nurses and other health care workers confront in their professional roles. | 3 | PO,CH,  LA, | OSU,  PSU,  UO, |
| \* | PHL 207 |  | Aesthetics | An introductory study of theories of beauty and art and interpretations of  aesthetic experience. |  |  |  |
| \* | PHL 208 |  | Political  Philosophy | Introduction to and analysis of political theories and concepts through study  of the works of major figures in the history of political philosophy from Plato  to the present. | 3 | MH, | PSI,  UO, |
|  | PHL 209 |  | Business  Ethics | Designed primarily for students of business and related fields. Reviews  some historical and contemporary ethical theories and ethical issues that  arise in several aspects of business, such as, management, use of  computers, marketing, accounting, and doing business in an international  setting. Includes the social responsibilities of corporations, the rights of  workers, truth in advertising, the environmental impact of doing business,  affirmative action in hiring, sexual harassment in the workplace | 3 | PO,TB, | OSU,  PSU,  UO, |
| \* | PHL 211 |  | Existentialism | An introduction to a number of philosophical issues and works of particular  philosophers which have come to be known as existentialism. |  |  |  |
|  | PHL 221 |  | Symbolic  Logic | Prepositional notation and truth value analysis of simple and compound  statements. Includes quantificational notation and deductive techniques for  determining consistency and validity. PREREQ: Instructor permission. | 3 | PO,LA, | OSU,  PSU,  UO, |
|  | PHL 222 |  | Elem  Aesthetics:  Phil of Art | Elementary Aesthetics: Philosophy of Art Discovers what makes something  a work of art, what are beauty, taste, and aesthetic qualities, what is the role  of the critic, and what distinguishes aesthetic experience from other  experiences through the writings of important philosophers. Recommended:  College level reading and writing ability. | 3 | PO, | OSU,  PSU,  UO, |
|  | PHL 280 |  | Cooperative  Work  Experience: | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all asspects of the industry . |  |  |  |
|  | PHL 298 |  | Independent  Study:  Philosophy | Advanced, individualized study in areas of philosophy not considered in  other courses to meet special interests or program requirements. Complete  a term project and readings approved by the instructor. Recommended:  prior study in philosophy and instructor permission. | 3 | PO,LA, | OSU,  PSU,  UO, |
|  | PHL 299 |  | Special  Studies:  Philosophy | Special topics, activities, or projects in an area of philosophy not usually  covered in depth in other philosophy courses. Recommended: prior study in  philosophy and instructor approval. | 3 | PO,SW, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **POLITICAL**  **SCIENCE** | PS 101 |  | United States  Politics | Analysis and description of the American Constitution, federalism, civil  rights and liberties, interest groups, parties,elections, and the role of the  media. |  |  |  |
|  | PS 104 |  | Great  Decisions | Faculty supervised, student led discussions of international problems. Films  and speakers supplement readings. Requires consistent attendance.  Grades are based on participation in discussions. Limited to 15 people to  ensure good discussions. | 3 |  | UO, |
|  | PS 105 |  | Great  Decisions:  Leaders | Under faculty advisement, students lead Great Decisions groups; keep  attendance records; arrange for film showings and guest speakers.  Leadership skills are developed through leading discussions of international  issues. Recommended: PS 201, PS 202, PS 203 | 3 | PO, | OSU,  PSU,  UO, |
|  | PS 199 |  | Special  Studies:  Political Sci | Special Studies: Political Science Special topics, activities, or projects in an  area of political science not usually covered in depth in other political  science courses. Recommended: prior study in political science and  instructor permission. | 1 | TV,LA, |  |
| \* | PS 200 |  | Intro to Politics | Basic introduction to the central themes and fundamental issues of political  life. The course examines the nature and meaning of politics and society,  and the basic concepts associated with politics and government. |  |  |  |
| \* | PS 201 |  | US Govt.  Foundation  /Principles | U.S. Government: Foundations & Principles Examines the development of  constitutional traditions in America. Includes topics such as free speech,  equal rights under law, movements, interest groups, political parties, and  elections in a democratic struggle for power. PS 201, 202, and 203 need  not be taken in sequence. | 3 | PO,CH,  BM,CL,  TB,TV, UM, | OSU,  PSU,  UO, |
| \* | PS 202 |  | US Govt.  :Institution &  Policies | U.S. Government: Institutions & Policies Examines the national institutions  of American politics including the Legislative, Executive, Judiciary, and  Bureaucracy. Topics include national policies, foreign policy, taxation,  spending priorities, government regulations and entitlements. PS 201, 202,  and 203 need not be taken in sequence. | 3 | PO,CH,  BM,CL,  TB,TV, UM, | OSU,  PSU,  UO, |
| \* | PS 203 |  | State and  Local  Government | Examines state and local government policy formulation and outcomes on  issues ranging from taxation to prisons, and education to environmental  concerns. Focuses on Oregon state and local politics. PS 201, 202, and  203 need not be taken in sequence. | 3 | PO,CH,  BM,CL,  TB,TV, UM, | OSU,  PSU,  UO, |
| \* | PS 204 |  | Intro to  Comparative  Politics | Pertain to cross-national comparisons of political systems. |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | PS 205 |  | Global Politics:  Conflict/Coop | Global Politics: Conflict & Cooperation Examines the nature of relations  among states. Topics include motivating factors such as nationalism and  imperialism, economic rivalries and the quest for security, questions of  national sovereignty and international cooperation, war and peace, global  issues, and the future. | 3 | PO,CH,  CL,UM,  MH,LA, LB, | OSU,  PSU,  UO, |
| \* | PS 206 |  | Intro to  Political  Theory | Tradition of political thought. Pertain to major ideas of selected political  thinkers. |  | CL,BM, |  |
|  | PS 211 |  | Peace and  Conflict | Explores the causes and manifestations of violence in actions involvi ng  oneself, society, one's nation, and the global community. Alternatives to  oppressive behavior, undemocratic institutions, and the violent resolution of  conflict are considered. Recommended: WR 115. | 3 | PO,LA, | OSU,  PSU,  UO, |
|  | PS 220 |  | U.S. Foreign  Policy | Historical analytical treatment of select foreign policy themes since World  War I is presented. Examines the United States' attempt to create world  order through use of economic, military and diplomatic power, the roles of  democratic institutions and decision-making elites in creating foreign policy,  and the interdependent basis of the contemporary international system. | 3 | PO,LB, | OSU,  PSU,  UO, |
| \* | PS 225 |  | Political  Ideology:  Alt Idea  System | Political Ideology: Alternative Idea Systems Covers the sources, strengths  and weaknesses of contemporary ideologies, and the conditions which lead  to conflict or to cooperation among them. Includes liberalisms,  conservativisms, socialisms, fascisms, and other idea systems. | 3 | PO,CL,  LA,MH, | OSU,  PSU,  UO, |
|  | PS 280 |  | Cooperative  Work  Experience: | Cooperative Education: Political Science Extends knowledge of Political  Science through work and/or volunteer time spent in settings that provide  learning experiences. Department permission required. | 4 | PO,CL, | OSU,  PSU,  UO, |
|  | PS 298 |  | Indep. Study:  Political  Science | Independent Study: Political Science Advanced individualized study of  areas of political science not considered in other courses to meet special  interests or program requirements. Includes a term project and readings  approved by the instructor. Recommended: prior study in political science  and instructor permission. | 3 | PO, | OSU,  PSU,  UO, |
|  | PS 299 |  | Special  Studies:  Political Sci | Special Studies: Political Science Special topics, activities, or projects in an  area of political science not usually covered in depth in other political  science courses. Recommended: prior study in political science and  instructor permission. | 3 | PO,BM, | OSU,  PSU, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **PSYCHOLOGY** | PSY 101 |  | Psychology  and Human  Relations | Focuses on practical and personal applications of psychological principles.  Encourages applications of psychological principles to daily living and  human interactions to areas such as work, leisure, school and relationships. | 3 | PO,CH,BM,  TB, TV,UM,  CG,CT, KL, | OSU,  PSU,  UO, |
|  | PSY 119 |  | Human  potential Sem | Explores values, attitudes, interests, beliefs, and abilities and how these  factors influence decision making, relationships, and other aspects of life.  Prerequisite: PHY 101 | 3 | OC,CL,  RO, |  |
|  | PSY 190 |  | Stress  Management | Explores what stress is, various sources of stress, how it affects people  physically and emotionally, and how to develop a lifestyle approach to  comprehensive stress management through lectures and group activities.  Become familiar with a wide rangeof cognitive and physical stress  management techniques. | 3 | PO,TV, | OSU,  PSU,  UO, |
|  | PSY 199 |  | Special  Studies |  | 1 | RO,MH,  CO, |  |
| \* | PSY 200 |  | Psy. As a  Natural  Science | Methods and criteria by which experimental psychology makes  oberservations and constructs theories. Basic findings in physiological  psychology, perception, learning, thinking, and motivation. |  | CL,LB, |  |
| \* | PSY 201 |  | General  Psychology | Covers history, methodology, brain and nervous system, body rhythms and  mental states, sensation and perception, and development over the life  span. Recommended: Completion of WR 115. | 3 | PO,CH,BM,  TB, TV,UM,  KL,CL,SW,  CG,CT,CE, | OSU,  UO, |
| \* | PSY 202 |  | General  Psychology | Covers learning, memory, thinking and intelligence, evolution, genes and  behavior, motivation, and emotion. Recommended: Completion of WR 115  and PSY 201 or PSY 201A. | 3 | PO,CH,BM,  TB, TV,UM,  CE,CT,CG,  SW, KL, | OSU,  PSU,  UO, |
| \* | PSY 203 |  | General  Psychology | Covers health and well-being, personality theories, psychological disorders,  approaches to treatment and therapy, principles of social life, and the  cultural context. Recommended: Completion of WR 115 and PSY 201 or  PSY 201A. | 3 | PO,CH,BM,  TB, TV,UM,  SW,KL,CG, | OSU,  PSU,  UO, |
| \* | PSY 205 |  | Psy. As a  Social Science | Introduction to the field of psychology with major emphasis on what  psychological findings can currently contribute to our understanding of  human behavior on a social level. Includes extensive coverage of  personality and social behavior. |  | CL,LB, |  |
| \* | PSY 207 |  | Intro to  Applied  Psychology | A survey of selected applications of concepts and methodologies from the  different areas of Psychology such as experimental,  industrial/organizational, social and developmental. |  | CE, |  |
| \* | PSY 212 |  | Introduction to  Learning | Studies animal and human conditioning. Includes signal, stimulus-response  discrimination, chaining, verbal association, concept, rule and problem-  solving. |  | LA, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | PSY 213 |  | Brain, Mind &  Behavior | Brain, Mind and Behavior Provides an overview of the brain's role in  behavior. Emphasizes the neuro physiological properties relevant to  psychological functions: sensation, perception, motivation, learning,  emotion, activation, and motor responses. Includes extensive coverage of  the anatomical and physiological aspects of the human nervous system.  Prerequisite: PSY 201 or one year of biology. | 3 | PO,TB, LA, | OSU,  PSU,  UO, |
| \* | PSY 214 |  | Introduction to  Personality | Covers personality theories. Includes an overview of the major schools  within personality psychology and focuses on their contributions and  usefulness in understanding human behavior. Incorporates activities which  help students apply what they have learned about personality theory to their  personal and professional lives. | 3 | PO,TB,  CG,KL,  LA,MH, | OSU,  PSU,  UO, |
| \* | PSY 215 |  | Human  Development | Designed to survey the major principles of behavior and patterns of change  in people over the life span. Revolves around the areas of development in  physical, intellectual, social, personality and cross cultural diversity, for  infants, children, adolescents, adults, and the elderly. College-level skills in  reading and WR 115 are required. | 3 | PO,TB,  CT,CG,  CE,KL,  LB,RO,  MH,OC | OSU,  PSU,  UO, |
| \* | PSY 216 |  | Social  Psychology | Examines how society effects human behavior, including persuasion,  conformity, aggression, conflict, and interpersonal attraction. Applications to  business, politics, environment, health, the legal system and human  relations. | 3 | PO,CE,  CT,CG,  MH,LB, | OSU,  PSU,  UO, |
| \* | PSY 218 |  | Intro to  Experimental  Psych. | This course presents the basic principles of the modern scientific approach  to the study of human behavior. It includes the study of the terminology,  methods and values that support psychological research. The primary  focus is on the understanding of common research designs and what  conclusions can reasonably be drawn from the results of experiments using  those designs. Students will have an opportunity to conduct experiments of  their own design. | 3 | CL, |  |
| \* | PSY 219 |  | Intro to  Abnormal  Psychology | Introduction to Abnormal Psychology Surveys the history, theories,  diagnosis, etiology, and treatment of the major mental disorders.  Prerequisites: PSY 201, PSY 202, or PSY 203. | 3 | CE,CT,  CL,LB, RO, |  |
|  | PSY 220 |  | Psychology:  Applied | Covers individualized applications of the principles, concepts and methods  of psychology to everyday life. | 3 | PO,BM,  TV,TB, KL, | OSU,  PSU,  UO, |
|  | PSY 222 |  | Family &  Intimate  Relationship | Family & Intimate Relationships Explores processes involved in both  traditional and non-traditional relationships and families; including love,  dating and mating, parenting, communication and conflict resolution, work  and family, family life stages, and divorce, remarriage and blended families. | 3 | PO,KL,  MH,CG, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | PSY 231 |  | Human  Sexuality | Explores sexual issues from both an academic and a humanistic  perspective. Topics include sex research, female and male sexual anatomy  and physiology, gender issues, sexual response, sexual communication,  sexual behavior patterns, love and sexual orientations. | 3 | PO,BM,TV,  CT, CG,CL,  LA,LB,MH,  RO, | OSU,  PSU,  UO, |
|  | PSY 232 |  | Human  Sexuality | Explores sexual issues from both an academic and a humanistic  perspective. Includes sexuality through the life cycle (infancy through  aging), sexual problems, increasing sexual satisfaction, contraception,  conception, sexually transmitted diseases, sexual victimization, atypical  sexual behavior, and sex for sale. Recommended: PSY 231. | 3 | PO,CG,  MH, | OSU,  PSU,  UO, |
| \* | PSY 235 |  | Intro to Human  Development I | Discusses theoretical perspectives, social, physiological and psychological  forces that impact on the stages of development from conception to  puberty. |  | PO,LA,  LB,MH,  CE,TV, |  |
|  | PSY 236 |  | Intro to Human  Development  II | Human Development II is the psychological, social and physical  development of adults. This course spans early, middle and late adulthood  using various theoretical models and empirical observations. Open only to  MH/HS majors | 3 | CE,TV,  LA,LB, MH, |  |
|  | PSY 239 |  | Intro to  Abnormal  Psychology | Introduction to Abnormal Psychology Surveys the history, theories,  diagnosis, etiology, and treatment of the major mental disorders.  Prerequisites: PSY 201, PSY 202, or PSY 203. | 3 | PO,CH,TB,  TV, KL,CE,  MH,LA,OC,  SW, | OSU,  PSU,  UO, |
|  | PSY 240 |  | Interper Aware  & Growth  Tech | Interpersonal Awareness and Growth Techniques Designed to increase  understanding and awareness of self, relationships with others, and the  values and attitudes that underlie behavior in daily life. An intensive group  experience for personal and enter personal growth. | 3 | PO,TB,  CG,CL, | OSU,  PSU,  UO, |
|  | PSY 280 |  | CWE:  Psychology | Cooperative Education: Psychology - Worksite Placement Extends  knowledge of Psychology through work in settings which provide learning  experiences supplementing classroom learning. Department permission  required. | 4 | PO,TB,  LB,RO, CL, | OSU,  PSU,  UO, |
|  | PSY 298 |  | Independent  Study:  Psychology | Advanced individualized study of psychology not considered in other  courses to meet special interests or program requirements. Complete a  term project and readings approved by the instructor. Recommended: prior  study of psychology and instructor permission. | 3 | PO,TV,  UM,BM, | OSU,  PSU,  UO, |
|  | PSY 299 |  | Current Issues  in Psychology/  or Abnormal  Psychology | Examine a psychological issue in light of current research and theory.  Possible topics include drugs and behavior, sleep and dreams, trans-  personal psychology, assertiveness training, rational emotive behavior  change, the psychology of sex roles, the psychology of women, stress  management or other topics of interest. | 3 | PO,UM, | OSU,  PSU,  TB,U  O, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **RELIGION** | R 101 |  | Comparative  Religions/  Intro to  Religious  Studies | The nature of myth and story, ancient religions, ideas of God, Judaism, and  Introduction to religious topics. Meets the humanities & arts sequence  requirements | 3 | CL,LB, |  |
|  | R 102 |  | Comparative  Religions | Covers written and oral sources, Christianity, Islam, and includes the  lhistory and philosophy of other Western religious developments. | 3 | CL,LB, |  |
|  | R 103 |  | Compatative  Religions | The history, ideas, and philosophy of the Eastern religiouns including  Buddhism, Hinduis, and Taoism. Meets humanities & arts requirements | 3 | CL,LB, |  |
|  | R 201 |  | World Religion | Surveys major religions of the world comparing histories, differences, and  similarities. Prerequisite: | 3 | CT,LA,  CH,UM,  RO, |  |
|  | R 202 |  | World Religion | A comprehensive sequence of study, covering the major religions of the  world. Each religious syustem's core concepts are defined and discussed.  A historical timeline is developed that describes key dates and historical  figures in the development of each religion. a Strudtural analysis will be  developed for each of the world's major religions | 3 | LB,CT, UM, |  |
|  | R 203 |  | World Religion | A comprehensive sequence of study, covering the major religions of the  world. Each religious syustem's core concepts are defined and discussed.  A historical timeline is developed that describes key dates and historical  figures in the development of each religion. a Strudtural analysis will be  developed for each of the world's major religions | 3 | UM, CT, |  |
|  | R 203 |  | American  Religions | Focuses on the dominant religions of America, both comtemporary and  historical. Examines the dynamic relation between American history and  American faith traditions | 3 | CH, |  |
|  | R 204 |  | History of  Christianity | Covers early delvelopment of Christianity post-apostolic to early Medieval  period. Includes investigation of theological tenets of the developing church. | 3 | CL, |  |
|  | R 205 |  | History of  Christianity | Covers from Medieval to Reformation and examines reactions, effects and  doctrinal development of the period. Includes life and teachings of  Reformers. | 3 | CL, |  |
|  | R 206 |  | History of  Christianity | Focus of growth of Christianity in codern world. Includes current doctrinal  interpretations, folk religions and cults | 3 | CL, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | R 207 |  | Judaic  Studies: Bible  & Jews | Jewish history emphasizing the Bible as an historical source. Also the  history of the Jewish revolt against Rome, the Talmudic Age, and the  relationship of Christianity and Judaism. | 3 | CL, |  |
|  | R 208 |  | Judaic  Studies: The  Holocoust | The persecution of European Jews in World War II. The course discusses  the moral implications and political consequences of genocide. | 3 | CL, |  |
|  | R 210 |  | World Religion | A survey of the major world religions, including a look at their founders and  their theologies in terms of their views of God, Self, Society, Purposes of  Life, and of tradition and ritual. Included are the great monotheisms,  Christianity, Judaism, and Islam, and the primary Far Eastern religions of  Hinduism and Buddhism. Some attention also is given to religious offshoots  of the mainstream religions. | 3 | CL,MH, |  |
|  | R 211 |  | Old  Testament,  Historical  Backround | This course is intended as a general survey of the historical antecedents of  Old Testament events, of the significance of these events in terms of the  progressive movement of Biblical structure, and of the basic meanings  conveyed in the written words of Old Testaments authors. In this process  the formation and faith of early Israel are examined with a view toward the  Old Testament's perspective of history, and that of Messianic expectation.  This is done in the context of the historical flow of the rise and fall of  empires in the Ancient Near Eastern World. | 3 | CL,LB, MH, |  |
|  | R 212 |  | New  Testament,  Historical  Bankround | This course is intended as a general survey of the historical antecedents of  New Testament events, of the significance of these events in terms of the  progressive movement of Biblical structure, and of the relations between  Old and New Testament writings. In this process, particular note will be  made of the shaping of historical events of the intertestamental period, the  New Testament perspective of redemptive history, and the contribution  which knowledge of the original language (Greek) makes toward and  understanding of the text. Included also will be a study of the important  early monuments that conditioned the development of the Christian church,  with an eye to the themes of covenant and promise. | 3 | LB,MH, |  |
|  | R 280 |  | Religion /  CWE | Cooperative Work Experience: provide the students with On-the-job work  experience in the field of religion. | 3 | CL, |  |
|  | R 299 |  | Special  Studies | Special Studies in Religion | 3 | MH, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **SCIENCE** |  |  |  | **GENERAL SCIENCE** |  |  |  |
|  |  | GS 105 | Phys Sci  (Chemistry) | Studies the fundamental concepts and principles of chemistry in the  physical world. Examines the development and application of the scientific  method. Prerequisite: GS104 or consent of instructor. | 4 | PO,CH,CL,  TB, TV,UM,  LA,LB,MH,  OC, RO, |  |
|  |  | GS 106 | Phys Sci  (Geology) | Physical Science (Geology) Covers minerals, rocks, volcanism,  earthquakes, plate tectonics, erosion and deposition by wind, glaciers and  streams, on by wind, streams, weathering, fossils and geologic history. | 4 | PO,CH,LA,  TB, TV,UM,  CL,LB,RO,  MH,OC,SW | OSU,  PSU,  UO, |
|  |  | GS 107 | Phys Sci  (Astronomy) | Physical Science (Astronomy) Surveys astronomy to include historical  development of the universe, earth as a planet, earth's moon, planets of the  solar system, the sun, stars and galaxies. | 4 | PO,CH,LA,  TB, TV,UM,  CL,LB,RO,  MH,OC,SW | OSU,  PSU,  UO, |
|  |  | GS 108 | Phys Sci  (Oceanograph  y) | Physical Science (Oceanography) Includes the chemical, biological,  physical and geological nature of the oceans. | 4 | PO,TB,TV,  UM, LB,RA,  SW, | OSU,  PSU,  UO, |
|  |  | GS 109 | Phys Sci  (Meteorology) | Physical Science (Meteorology) Covers characteristics of our atmosphere,  air pressure and winds, atmospheric moisture, large air masses, violent  storms, the effect of oceans on weather, and climates. | 4 | PO,TV,LA,  UM,MH,CL,  SW, | OSU,  PSU,  UO, |
| **SCIENCE** |  |  |  | **BIOLOGY** |  |  |  |
|  |  | BI 101 | Biology | A laboratory science course designed for non-biology majors. Introductions  to the properties of life, morphology and physiology of cells, cell  chemistries, energy transformations, and the basic principles of ecology.  Students should have a reading ASSET score of 45 or above. | 4 | PO,CE,BM,  TB,SW,CG,  CO,CL, LB,  MH, CT,LB,  LA,TV, CH | OSU,  PSU,  UO, |
|  |  | BI 102 | Biology | A laboratory science course designed for non-biology majors. The second  term of a three-term sequence. Presents protein syntheses, cell divisions,  animal reproduction, genetics, embryology and the basic doctrines of  evolution. Prerequisite: BI 101. | 4 | PO,CE,BM,  TB,SW,CG,  CO,CL, LB,  MH, CT,LB,  LA,TV, CH | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | BI 103 | Biology | A laboratory science course designed for non-biology majors. The last term  of a three-term sequence. Presents the evolutionary relationships among  the five kingdoms and their major phyla. The last half of this term covers  human systems. Prerequisites: BI 101 and BI 102. | 4 | PO,CE,BM,  TB,SW,CG,  CO,CL, LB,  MH, CT,LB,  LA,TV, CH | OSU,  PSU,  UO, |
|  |  | BI 104 | Secret of Life | Emphasizes real world applications of the biological sciences with emphasis  on recent advances in molecular biology, cancer, genetic diseases, genetic  engineering, and the bio-ethical considerations of such developments. | 4 | PO, | OSU,  PSU,  UO, |
| \* |  | BI 105 | General  Biology  Laboratory | Lab for BI 102 for colleges using a separate lab format. |  |  |  |
| \* |  | BI 106 | General  Biology  Laboratory | Lab for BI 103 for colleges using a separate lab format. |  |  |  |
|  |  | BI 121 | Intro Human  Anatomy/Phys  I | Intro to Human Anatomy & Physiology I Surveys anatomical terminology,  basic chemistry, cell structure and function, tissues, and the following  systems: integumentary, skeletal, muscular, and nervous. Lecture  discussions are complemented by laboratories which involve physiological  exercises, dissections, microscopy, CD-ROM, computer simulation,  interactive software and the World Wide Web. Prerequisites: ASSET scores  of 40 in reading, 38 in writing | 4 | PO,CT, | OSU,  PSU,  UO, |
|  |  | BI 122 | Intro Human  Anat/Phys II | Intro to Human Anatomy & Physiology II Surveys the endocrine, lymphatic,  cardiovascular, digestive, respiratory, reproductive, urinary, and some  coverage of human development, human genetics and immunology.  Lecture discussions are complemented by laboratories which involve  physiological exercises, dissections, microscopy, CD-ROM, computer  simulation, interactive software and the World Wide Web. Prerequisite: BI  121. | 4 | PO,CT, TB, | OSU,  PSU,  UO, |
|  |  | BI 141 | Habitats: Life  of the Forest | Examines the structure and function of Oregon forest ecosystems. Covers  distribution and interactions of plants, animals, microorganisms, climate and  basic geology. The laboratory emphasizes identification and environmental  testing. | 4 | PO, | OSU,  PSU,  UO, |
|  |  | BI 142 | Habitats:  Marine Biology | Examines the marine environment and the ecology, physiology, and  morphology of marine plants and animals, emphasizing Oregon. The  laboratory focuses on identification and environmental testing. | 4 | PO, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | BI 143 | Habitats:  Fresh Water  Biology | Covers the environments of freshwater streams, lakes, and marshes.  Includes effects of physical and chemical factors on organisms, along with  the organisms, their biological interactions and nutrient cycles. Explores  ecological factors of fresh water environments and the effects of human  activities on them. | 4 | PO,CH, | OSU,  PSU,  UO, |
|  |  | BI 160 | Ecology/Field  Biology: | This field trip experience is designed to introduce students to the  relationships among plants, animals and the general geologic formation of  various life zones. | 1 | CK, | PSU,  UO, |
|  |  | BI 161 | Ecology/Field  Biology: | Ecology/Field Biology: is designed to introduce the relationships among  plants, animals and the general geologic formation of various life zones. | 2 | PO, | OSU,  UO, |
|  |  | BI 163 | Organic  Gardening | Develops knowledge in soils, plant anatomy, cultivars available in the  Pacific Northwest, organic population control of pests, pruning and grafting.  Introductory course that does not require prior science courses, but an  interest in plants is helpful. | 3 | PO,CK, | OSU,  PSU,  UO, |
|  |  | BI 170 | Environmental  Science | Examines major environmental questions facing the world today. Includes  population growth, matter and energy resources, ecosystems, pollution, and  environment and society. Explores a broad range of environmental issues--  including sustainability, the interconnection of the economy with ecosystem,  short-term versus long-term gains, and the trade-offs in balancing problems  and solutions. Recommended: A working knowledge of the English  language and a 10th grade reading level. | 4 | PO,TB, | OSU,  PSU,  UO, |
|  |  | BI 198 | Independent  Study |  | 1 | CK,TV,UM, |  |
|  |  | BI 199 | Special  Topics: | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |
|  |  | BI 200 | Prin. of  Ecology: Field  Biology | Principles of Ecology: Field Biology Introduction to concepts of ecology  through the International Education Program of PCC. Study will include a  lecture component covering the concepts of ecology and diversity of life and  an international field component surveying the plants and animals and their  interaction with the environment. Prerequisites: BI 101, BI 102, BI 103. | 4 | OC, |  |
|  |  | BI 211 | Principles of  Biology | First part of a three term sequence for students majoring in biology and the  sciences, including pre-medical, pre-dental, chiropractic, pharmacy, and  related fields. Includes introduction to science, biochemistry, metabolism,  the cell, molecular biology, and reproduction. Recommended: High school  biology and chemistry in the past seven years. Prerequisites: ASSET  scores of 45 in reading and 45 in writing, or completion of WR 115; ASSET  scores of 46 in | 5 | PO,CE,BM,  CK,TV,UM, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | BI 212 | Principles of  Biology | Second part of a three term sequence designed for students majoring in  biology and the sciences, including pre-medical, pre-dental, chiropractic,  pharmacy, and related fi elds. Includes life cycles, reproduction, molecular  biology, modern and classical genetics, evolution, diversity, and  systematics. Prerequisite: BI 211. | 5 | PO,BM,  CE,CL,  TV,UM,  CO,CT, |  |
|  |  | BI 213 | Principles of  Biology | Third part of a three term sequence for students majoring in biology and the  sciences, including pre-medical, pre-dental, chiropractic, pharmacy, and  related fields. Includes plant and animal anatomy and physiology, and  individual, population, community, and ecosystem ecology. Prerequisite: BI  212. | 5 | PO,CE,  BM,CK,  TV,UM,  CO, | OSU,  PSU,  UO, |
|  |  | BI 222 | Human  Genetics | Lecture/discussion presentation of the fundamentals of human genetics.  Includes the physical basis of inheritance, the mechanics of inheritance,  probability, sex chromosomal abnormalities, autosomal anomalies, gene  structure and function, molecular genetics, behavioral genetics, twinning  and contemporary issues in human genetics. Prerequisites: ASSET scores  of 45 in reading, 45 in writing | 3 | PO,CE,TB, | OSU,  PSU,  UO, |
| \* |  | BI 231 | Human  Anatomy &  Physiology I | First term of a three-term sequence covering: chemistry, cells, tissues; the  skin, skeletal, and muscular systems; and nervous tissue. Lecture  discussions will be complemented by laboratories that involve microscopy,  animal dissection, physiological exercises and computer work.  Prerequisite: BI 101 or CH 100; Assets Reading score of 45, WR 45 or WR  115 or higher. | 4 | PO,CE,  BM,CL,  TB,TV,  UM,SW,  MH,CT,  CG, | OSU,  PSU,  UO, |
| \* |  | BI 232 | Human  Anatomy &  Physiology II | Second term of a three-term sequence. Courses may not be taken out of  sequence. Covers nervous, endocrine, cardiovascular and immune  systems. Lecture discussions will be complemented by laboratories  involving microscopy, animal dissection, physiological exercises and  computer work such as CD-ROM-based exercises. Prerequisite: BI 231. | 4 | PO,CE,BM,  CL, TB,TV,  UM,SW,  MH,CT,  CG, | OSU,  PSU,  UO, |
| \* |  | BI 233 | Human  Anatomy &  Physiology III | Third term of a three-term sequence. Courses may not be taken out of  sequence. Covers digestive, respiratory, urinary and reproductive systems;  metabolism fluid and electrolyte balance; embryology and genetics. Lecture  discussions will be complemented by laboratories involving microscopy,  animal dissection, physiological exercises and computer work such as CD-  ROM-based exercises. | 4 | PO,CE,  BM,CL,  TB,TV,  UM,SW,  MH,CT,  CG, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* |  | BI 234 | Microbiology | Lecture, recitation, and laboratory cover: bacterial genetic recombination;  bacterial, viral, and parasitic relationships with human health and disease;  immune system and allergy; water and sewage treatment; soil microbes;  and microbiology of foods .Laboratory stresses aseptic technique, bacterial  identification and physiology using a variety of media, culturing techniques,  and staining techniques. Prerequisites: BI 101; ASSET scores: Reading 45  and writing | 5 | PO,CE,  BM,CL,  TB,TV,  UM,SW,  MH,CT,  CG, | OSU,  PSU,  UO, |
|  |  | BI 235 | Microbiology | Lecture and laboratory covers: bacterial genetic recombination; bacterial,  viral, and parasitic relationships with human health and disease; immune  system and allergy; water and sewage treatment; soil microbes; and  microbiology of foods. Laboratory stresses aseptic technique, and bacterial  identification and physiology using a variety of media, culturing techniques,  and staining techniques. Prerequisites: BI 101; ASSET scores: Reading 45  and writing 45; or completion of WR 115 with a "C" or better | 4 | PO,TV, RA, | OSU,  PSU,  UO, |
|  |  | BI 237 | Medical/Enviro  n Microbiology | Medical & Environmental Microbiology Highlights the medical and  environmental aspects of microbiology with an emphasis on immunity,  epidemiology, emergent diseases, and soils, water quality and modern food  microbiology. Prerequisite: BI 234 or BI 235. | 4 | PO, |  |
|  |  | BI 241 | Pathophysiolo  gy | Lecture/discussion presentation of congenital and genetic diseases,  neoplasia, fluid and electrolyte imbalances, and diseases of the  integumentary, muscular, skeletal, nervous, cardiovascular, immune,  respiratory, endocrine and reproductive systems. Prerequisites: BI 231,  232, 233, and 234 or 235. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | BI 280 | CE: Biology -  Seminar | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all aspects of the industry . | 2 | PO,TB,  RA,LB, CL | OSU, |
|  |  | BI 298 | Independent  Study | Independent Study |  |  |  |
|  |  | BI 299 | Special  Topics: | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **SCIENCE** |  |  |  | **CHEMISTRY** |  |  |  |
|  |  | CH 100 | Fundamentals  for Chemistry | Covers selected basic chemical principles and computational problems  found in first-year, 100-level chemistry courses. For students who have no  chemical background and those with minimal problem solving skills.  Recommended: Algebra I and II, or equivalent. Students who have  completed or are concurrently enrolled in MTH 95 should consider enrolling  in CH 104. | 4 | PO,TV,UM, | OSU,  PSU,  UO, |
|  |  | CH 101 | Inorganic  Chemistry  Principles | Survey of inorganic chemistry with an emphasis on solution chemistry.  Designed for Allied Health students. | 5 | PO,TV,UM, | OSU,  PSU,  UO, |
|  |  | CH 102 | Organic  Chemistry  Principles | Covers basic organic and bio-chemistry. Designed for Allied Health  students. | 5 | PO,TV,UM, | OSU,  PSU,  UO, |
| \* |  | CH 104 | General  Chemistry | Includes general principles of chemistry, including atomic structure, mole  concept, chemical reactions, stoichiometry, and gas laws. Designed for  students in a health science curriculum leading to a Baccalaureate degree  or liberal arts students who need a laboratory science elective. Credit for, or  concurrent enrollment in MTH 95, or equivalent required. | 5 | PO,CE,CH,  BM,CL,TB,  UM, RA, | OSU,  PSU,  UO, |
| \* |  | CH 105 | General  Chemistry | Includes stoichiometry, gases, oxidation-reduction, acid-base concepts,  equilibrium, physical and chemical properties of solutions, and nuclear  chemistry. Prerequisite: CH 104. | 5 | PO,CE,CH,  BM,CL,TB,  UM, RA, | OSU,  PSU,  UO, |
| \* |  | CH 106 | General  Chemistry | Includes fundamental principles of organic chemistry and biochemical  processes. Prerequisite: CH 105. | 5 | PO,CE,BM,  CL,TB,TV,  UM,RA,  LB,CG, | OSU,  PSU,  UO, |
| \* |  | CH 107 | Chemistry  Laboratory | Covers general, organic and biochemistry. Primarily designed for students  in nursing, in allied health fields such as dental hygiene, and in the liberal  arts. |  |  |  |
| \* |  | CH 108 | Intro to  Chemistry Lab | Laboratory to accompany 104, 105, 106. |  |  |  |
| \* |  | CH 109 | Intro to  Chemistry Lab | Laboratory to accompany 104, 105, 106. |  |  |  |
| \* |  | CH 112 | Intro to  General  Chemistry | A first-year chemistry for students with less extensive chemistry math  backgrounds. |  |  |  |
| \* |  | CH 113 | Intro to  General  Chemistry | A first-year chemistry for students with less extensive chemistry math  backgrounds. |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* |  | CH 121 | College  Chemistry | A chemistry course designed for liberal arts and science majors with less  extensive chemistry and math backgrounds. (A unique name was not  agreed on for this course. The name was left open for each campus to  choose. | 4 | CH,BM, |  |
| \* |  | CH 122 | College  Chemistry | A chemistry course designed for liberal arts and science majors with less  extensive chemistry and math backgrounds. (A unique name was not  agreed on for this course. The name was left open for each campus to  choose. | 5 | BM, |  |
| \* |  | CH 123 | College  Chemistry | A chemistry course designed for liberal arts and science majors with less  extensive chemistry and math backgrounds. (A unique name was not  agreed on for this course. The name was left open for each campus to  choose. | 5 | BM, |  |
| \* |  | CH 150 | Preparatory  Chemistry | A one-term course designed for science majors with less extensive  chemistry and math backgrounds. No lab. | 3 | CL,LB, |  |
| \* |  | CH 151 | Preparatory  Chemistry | A one-term course designed for science majors with less extensive  chemistry and math backgrounds. Has lab. | 4 | MH, |  |
| \* |  | CH 160 | Physical  Science | An integrated survey of fundamental principles of physics and chemistry.  The course is designed for students majoring in fields other than chemistry,  physics or geology who wish a broad view of the principles of several  physical sciences. No prior experience in the physical sciences needed.  Because of the integrated nature of the subject material, it is necessary that  students take the courses in sequence. Elementary algebra is used in  these courses. |  |  |  |
| \* |  | CH 161 | Physical  Science | An integrated survey of fundamental principles of physics and chemistry.  The course is designed for students majoring in fields other than chemistry,  physics or geology who wish a broad view of the principles of several  physical sciences. No prior experience in the physical sciences needed.  Because of the integrated nature of the subject material, it is necessary that  students take the courses in sequence. Elementary algebra is used in  these courses. |  |  |  |
| \* |  | CH 167 | Physical  Science Lab | Laboratory to accompany CHEM 160 |  |  |  |
| \* |  | CH 168 | Physical  Science Lab | Laboratory to accompany CHEM 161 |  |  |  |
| \* |  | CH 170 | Fundamentals  of Enviro-  Chem | Course for liberal arts students. Designed to increase the scientific  knowledge of the non-science major, especially in the area of environmental  pollution. The interaction between science and society. The nature of  atoms, chemical reactions, and radioactivity. | 4 | MH, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | CH 199 | Special  Topics: | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |
| \* |  | CH 201 | General  Chemistry | Includes the basic concepts of atomic theory and bonding, periodic law, and  kinetic-molecular theory. Designed for engineering majors. High school  chemistry and MTH 95 or their equivalent required. | 4 | PO,CH,  TV,UM, | OSU,  PSU,  UO, |
| \* |  | CH 202 | General  Chemistry | Includes stoichiometry, solutions, colloids, acid-base theories, redox  reactions, and organic chemistry. Designed for engineering majors.  Prerequisite: CH 201. | 4 | PO,CH,  TV,UM, | OSU,  PSU,  UO, |
| \* |  | CH 203 | General  Chemistry | Includes energy kinetics, thermodynamics, equilibrium, nuclear chemistry,  metals and non-metals, and other topics as time allows. Designed for  engineering majors. Prerequisite: CH 202. | 4 | PO,CH,  TV,UM, | OSU,  PSU,  UO, |
|  |  | CH 211 | Introduction to  Biochemistry | Introduces the chemistry of biological systems. Principal topics covered are:  the structure and function of biological molecules, the chemistry of heredity,  metabolism, and biological energy. CH 106 or 200-level organic chemistry  required. | 4 | PO,TV, | OSU,  PSU,  UO, |
| \* |  | CH 221 | General  Chemistry | Includes fundamentals of chemistry, atomic structure, chemical bonding,  nomenclature, physical states of matter, properties of gases, and chemical  equations. Recommended for chemistry and other laboratory science  majors, pre-professional majors in engineering, medicine, and dentistry.  High school chemistry and MTH 95, or their equivalent required. | 5 | PO,CE,  CH,BM,  CL,UM,  RO, | OSU,  PSU,  UO, |
| \* |  | CH 222 | General  Chemistry | Includes chemical stoichemistry, acid and base solutions, oxidation-  reduction, chemical kinetics, and thermodynamics. Prerequisite: CH 221. | 5 | PO,CE,CH,  BM,CL,UM,  RO, | OSU,  PSU,  UO, |
| \* |  | CH 223 | General  Chemistry | Includes chemical kinetics, ionic equilibria, nuclear chemistry,  thermodynamics, and descriptive chemistry topics. Prerequisite: CH 222. | 5 | PO,CE,CH,  BM,CL,UM,  RO, | OSU,  PSU,  UO, |
| \* |  | CH 224 | University  Chemistry | First year chemistry for students with strong backgrounds in high school  chemistry and mathematics |  |  |  |
| \* |  | CH  224H | Honors  General  Chemistry | Designed as an honors course. |  |  |  |
| \* |  | CH 225 | University  Chemistry | First year chemistry for students with strong backgrounds in high school  chemistry and mathematics |  |  |  |
| \* |  | CH  225H | Honors  General  Chemistry | Designed as an honors course. |  |  |  |
| \* |  | CH 226 | University  Chemistry | First year chemistry for students with strong backgrounds in high school  chemistry and mathematics |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* |  | CH  226H | Honors  General  Chemistry | Designed as an honors course. |  |  |  |
| \* |  | CH 227 | General  Chemistry Lab | Laboratory to accompany CH 201,CH 221 and CH 224 |  |  |  |
| \* |  | CH 228 | General  Chemistry Lab | Laboratory to accompany CH 202, CH222 and CH 225 |  |  |  |
| \* |  | CH 229 | General  Chemistry Lab | Laboratory to accompany CH 203, CH 223 and CH226 |  |  |  |
| \* |  | CH 237 | Advanced  Gen. Chem.  Lab. | Laboratory to accompany CH 224 H. |  |  |  |
| \* |  | CH 238 | Quantitative  Analysis | Lab to accompany CH 225 H. |  |  |  |
| \* |  | CH 239 | Quantitative  Analysis | Lab to accompany CH 226 H. |  |  |  |
| \* |  | CH 241 | Organic  Chemistry | Includes the fundamentals of organic chemistry, bonding, hydrocarbons,  alkyl halides, alcohols, nucleophylic and radical reactions, stereochemistry,  and spectroscopy. Recommended for chemistry and other laboratory  science majors, and pre-professional students (medical, dental, pharmacy,  physical therapy, veterinary, chiropractic, etc.) CH 106, CH 223, or  equivalent required. | 5 | PO,CE,  CH,BM,  CL,UM, SW | OSU,  PSU,  UO, |
| \* |  | CH 242 | Organic  Chemistry | Includes conjugation, aromaticity, arene chemistry, aldehydes, ketones and  spectroscopy. Prerequisite: CH 241. | 5 | PO,CE,CH,  BM,CL,UM,  SW, | OSU,  PSU,  UO, |
| \* |  | CH 243 | Organic  Chemistry | Includes carboxylic acids, amines, carbohydrates, amino acids, proteins,  lipids, nucleic acids, heterocyclic compounds, spectroscopy and selected  topics. Prerequisite: CH 242. | 5 | PO,CE,CH,  BM,CL,UM,  SW, | OSU,  PSU,  UO, |
|  |  | CH 280 | CWE:/  Chemistry | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all aspects of the industry . |  |  |  |
|  |  | CH 298 | Independent  Study: | Advanced, individualized study in areas not considered in other courses to  meet special interests or program requirements. Complete a term project  approved by the instructor. Recommended: prior study, and instructor  permission. |  |  |  |
|  |  | CH 299 | Special  Topics: | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **SCIENCE** |  |  |  | **ENVIRONMENTAL STUDIES** |  |  |  |
|  |  |  |  | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all aspects of the industry . |  |  |  |
|  |  | ESR  150 | Environ  Studies  Orientation | Environmental Studies Orientation Serves to orient students to  environmental information available through campus library and computer  resources. Uses assignments aimed at gathering and summarizing  information on academic preparation of environmental professionals. | 1 | PO, |  |
|  |  | ESR  160 | Intro to  Environmental  Studies | Intro to Environmental Systems Introduces the structure and function of  terrestrial, aquatic and atmospheric systems, including the human actions  that affect them. Includes lab sections that introduce basic quantitative  techniques for collecting and analyzing data from environmental systems.  Prerequisite: ESR 150 (may be taken concurrently). | 4 | PO, |  |
|  |  | ESR  171 | Environ  Science: Bio  Perspect | Environmental Science: Biological Perspectives Develop an understanding  of environmental topics that are primarily biological in nature. Includes  human population issues, matter and energy resources, ecosystems,  environmental ethics, and food and land resources. The associated  laboratories will illustrate these topics. | 4 | CG, PO,CH |  |
|  |  | ESR  172 | Environ  Science:  Chem  Perspectives | Environmental Science: Chemical Perspectives Develop an understanding  of environmental topics that are primarily chemical in nature. Includes air  pollution, global warming, toxicology, risk assessment, water pollution, and  hazardous waste. The associated laboratories will illustrate these topics. | 4 | CG,PO,  CL, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | ESR  173 | Environ  Science:  Geolog  Perspectives | Environmental Science: Geological Perspectives Develop an understanding  of environmental topics that are primarily geological in nature. Includes  geology basics, soil resources, hydrogeology, nonrenewable mineral and  energy resources, perpetual energy resources, and solid waste. The  associated laboratories will illustrate these topics. | 4 | CG,PO,  CL, |  |
|  |  | ESR  201 | Applied  Environ  Studies: | Applied Environmental Studies: Science/Policy Consideration Introduces  environmental laws and the regulations promulgated under them. Includes  examinations of the genesis of these laws (eg. NEPAA, Clean Air and  Water Acts, RCRA, Endangered Species Act) and their history of  compliance and violation. Prerequisite: ESR 160. | 4 | PO, |  |
|  |  | ESR  202 | Applied  Environ  Studies: | Applied Environmental Studies: Prep for Problem Solving Includes  environmental sampling, sampling design, and measurement in relation to  the field experience. Prerequisite: ESR 160. | 4 | PO, |  |
|  |  | ESR  203 | Applied  Environ  Studies: | Applied Environmental Studies: Project Uses project work involving work  with an environmental agency, industry, service or research organization.  Prerequisite: ESR 202. | 4 |  |  |
|  |  | ESR  280 | Cooperative  Work  Experience: | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all aspects of the industry . |  |  |  |
|  |  | ESR  298 | Special  Topics:  Environmental  Science | Special Topics: Environmental Science Covers special topics, activities or  projects in an area of environmental science not usually covered in depth in  other environmental science courses. | 4 |  |  |
|  |  | ESR  299 | Wetlands  Ecology &  Regulations | Wetlands Ecology and Regulation Introduce and discuss the definition of a  wetland; characteristics of wetland systems; the principles of wetland  ecology; the functions of wetlands; and regulations and permitting process  regarding development near and within wetlands. | 4 |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **SCIENCE** |  |  |  | **GEOLOGY** |  |  |  |
|  |  | G 101 | Into to  Geology |  | 4 | LB,RO, |  |
|  |  | G 102 | General  Geology |  | 4 | LB,RO, |  |
|  |  | G 145 | Geology of the  Pacific North  West |  | 4 | PO,UM,  CL,SW, |  |
|  |  | G 199 |  | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |
|  |  | G 201 | Physical  Geology | Introduces physical geology which deals with minerals, rocks, internal  structure of the earth and plate tectonics. | 4 | PO,CE,  CH,BM,  TV,UM, CG,  SW | OSU,  PSU,  UO, |
|  |  | G 202 | Physical  Geology | Introduces physical geology which deals with mass wasting, streams,  glaciers, deserts, beaches, goundwater, and use of topographic maps. | 4 | PO,CE,  CH,BM,  TV,UM, CO,  SW, | OSU,  PSU,  UO, |
|  |  | G 203 | Historical  Geology | Introduces historical geology which deals with geologic time, fossils,  stratigraphic principles, and the geologic history of the North American  continent. | 4 | PO,CE,  CH,BM,  TV,UM,  LA,CG,  MH,CL, SW, | OSU,  PSU,  UO, |
| \* |  | G 204 | General  Geology | Laboratory work to accompany G 201 involving basic geologic principles  and processes emphasizing rocks, minerals, fossils, topographic and  geologic maps. One 2-hour laboratory period. Prerequisite: concurrent  enrollment in G 201. |  |  |  |
| \* |  | G 205 | General  Geology Lab | Laboratory work to accompany G 202 involving basic geologic principles  and processes emphasizing rocks, minerals, fossils, topographic and  geologic maps.     Prerequisite: concurrent enrollment in G 202. |  | CL, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* |  | G 206 | General  Geology Lab | Laboratory work to accompany G 203 involving basic geologic principles  and processes emphasizing rocks, minerals, fossils, topographic and  geologic maps.     Prerequisite: concurrent enrollment in G 203. |  |  |  |
|  |  | G 207 | Geology of the  Pacific N.W. | Geology of the Pacific Northwest Introduces the regional geology of the  Pacific Northwest with emphasis on Oregon geology. Includes basic  geologic principles, earth materials and geology of Pacific Northwest  provinces. | 3 | PO,SW, | OSU,  PSU,  UO, |
|  |  | G 208 | Volcanoes and  Their Activi ty | Covers the origin, activity, products, classification and hazards of  volcanoes. | 3 | PO,CG, | OSU,  PSU,  UO, |
|  |  | G 209 | Earthquakes | Earthquakes Covers the nature and origin of earthquakes, the  characteristics of seismic waves, how earthquakes are measured, the  hazards of earthquakes and the historical and geological record of  earthquakes. | 3 | UM,PO, |  |
|  |  | G 280 | Cooperative  Work  Experience: | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all aspects of the industry . |  |  |  |
|  |  | G 291 | Elements of  Rocks and  Minerals | Introduces the study of rocks and minerals that includes their classification,  origin and identification. Recommended for persons interested in rock and  mineral collecting, mining and prospecting. | 4 | PO,CE, | OSU,  PSU,  UO, |
|  |  | G 298 | Ind Study:  Geology | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. | 2 | SW,UM, |  |
|  |  | G 299 | Geological  Hazards |  | 3 | SW, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **SCIENCE** |  |  |  | **PHYSICS** |  |  |  |
|  |  | PH 101 | Fundamentals  of Physics | A conceptual study of physics. Includes the study of motion, vectors, force,  energy, heat, and electricity. | 4 | LA.,BM,  PO, | OSU,  PSU,  UO, |
|  |  | PH 102 | Fundamentals  of Physics | A conceptual study of physics. Includes the study of motion, vectors, force,  energy, heat, and electricity. | 4 | LA.,BM,  PO, |  |
|  |  | PH 103 | Fundamentals  of Physics | A conceptual study of physics. Includes the study of motion, vectors, force,  energy, heat, and electricity. | 4 | LA.,BM,  PO, |  |
|  |  | PH 199 |  | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |
|  |  | PHY  201 | General  Physics | Introductory physics (algebra-based) for science majors, pre-medical, pre-  dental, pre-chiropractic, and pre-physical therapy students. Topics include  mechanics including static’s, forces and motion energy, collisions, circular  motion and rotational dynamics. prerequisite: MTH 222 | 5 | PO,SW,CL,  CE,UM,BM,  LA,MH,LB,  RO, KL,CT,  CO,TV, | OSU,  PSU,  UO, |
|  |  | PHY  202 | General  Physics | Topics include mechanical properties of matter, heat, waves sound and  light. Algebra-based physics. Prerequisite: PHY 201 | 5 | PO,SW,CL,  CE,UM,BM,  LA,MH,LB,  RO, KL,CT,  CO,TV, | OSU,  PSU,  UO, |
|  |  | PHY  203 | General  Physics  (Calculus  based | Topics include electricity, magnetism and radioactivity. Algebra based  physics. Prerequisite: PHY202 | 5 | PO,SW,CL,  CE,UM,BM,  LA,MH,LB,  RO, KL,CT,  CO,TV, | OSU,  PSU,  UO, |
| \* |  | PHY  204 | General  Physics | General Physics Laboratory. Optional separate course numbers for general  physics laboratory. |  |  |  |
| \* |  | PHY  205 | General  Physics | General Physics Laboratory. Optional separate course numbers for general  physics laboratory. |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* |  | PHY  206 | General  Physics | General Physics Laboratory. Optional separate course numbers for general  physics laboratory. |  |  |  |
|  |  | PHY  211 | General  Physics  (calculus  Based) | Topics include concepts in mechanics and their relationship to practical  applications for science and engineering majors. Prerequisites: MTH 251  and MTH 252 . MTH 252 can be taken concurrently with PHY 211 | 5 | PO,SW,CL,C  E,UM,BM,  LA,MH,LB,R  O, KL,CT,  CO,TV, | OSU,  PSU,  UO, |
|  |  | PHY  212 | General  Physics  (Calculus) | Topics include concepts in fluid mechanics, waves, thermodynamics and  optics. Prerequisites: PHY211, MTH251, MTH252. | 5 | PO, | OSU,  PSU,  UO, |
|  |  | PHY  213 | General  Physics  (Calculus  Based) | Topics include concepts in electromagnetism together with their relationship  to practical applications. Prerequisites: PHY 211, MTH 251, MTH 252 | 5 | PO,SW,CL,  CE,UM,BM,  LA,MH,LB,  RO, KL,CT,  CO,TV, | OSU,  PSU,  UO, |
| \* |  | PHY  214 | General  Physics Lab | General Physics Laboratory. Optional separate course numbers for general  physics laboratory. |  |  |  |
| \* |  | PHY  215 | General  Physics Lab | General Physics Laboratory. Optional separate course numbers for general  physics laboratory. |  |  |  |
| \* |  | PHY  216 | General  Physics Lab | General Physics Laboratory. Optional separate course numbers for general  physics laboratory. |  |  |  |
|  |  | PHY  280 | Cooperative  Work  Experience: | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all aspects of the industry . |  |  |  |
|  |  | PHY  298 | Independent  Study: | Advanced, individualized study in areas not considered in other courses to  meet special interests or program requirements. Complete a term project  approved by the instructor. Recommended: prior study, and instructor  permission. |  |  |  |
|  |  | PHY299 | Special  Topics: | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **SCIENCE** |  |  |  | **ASTRONOMY** |  |  |  |
|  | GS 101 |  | Survey of  Astronomy | A non-lab course offered via television. Topics covered are the same as  those in GS 107. | 3 | PO,TV,  UM, | OSU,  PSU,  UO, |
|  |  | PHY  121 | Elementary  Astronomy | Discusses the history of astronomy, the earth and its moon, and the other  planets in our solar system, along with asteroids, meteors, and comets. | 4 | PO, | OSU,  PSU,  UO, |
|  |  | PHY  122 | Elementary  Astronomy | Discusses the properties of our sun and other stars, stellar evolution, and  relativity. | 4 | PO, | OSU,  PSU,  UO, |
|  |  | PHY  123 | Elementary  Astronomy | Discusses star clusters, the properties of our own galaxy and the other  galaxies, and cosmology. Prerequisite: PHY 122. | 4 | PO, | OSU,  PSU,  UO, |
|  |  | PHY  196 | Observational  Astronomy | Designed to teach use of telescopes and binoculars in conjunction with star  atlases and catalogs in locating and identifying astronomical objects in night  skies. An introduction to clock drives, astrophotography, and photoelectric  photometry will be provided. Prerequisite: PHY 123. | 1 |  |  |
| **SCIENCE** |  |  |  | **ZOOLOGY** |  |  |  |
|  | Z 201 |  | General  Zoology | An introductory study of the major unifying principles and concepts of  biology as applied to the study of animals. Includes the chemical basis of  life, cell biology, theories about the origin of life, evolution, and genetics. | 4 | CH,CL, |  |
|  | Z 202 |  | General  Zoology |  | 4 | CH,LA, |  |
|  | Z 203 |  | General  Zoology |  | 4 | CH,LA, |  |
|  | Z 280 |  | CWE /  Zoology | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all aspects of the industry . | 4 | LA, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **SOCIOLOGY** |  |  |  |  |  |  |  |
|  | SOC  199 |  | Sociology: an  overview | A basic introduction to sociology that encourages an appreciation and  understanding of the scientific study of human social behavior. The course  surveys the general principles of socialization, human behavior in groups,  organizations, and the social structure of our society. | 3 | LA, |  |
| \* | SOC  204 |  | Gen Soc: Soc  in Everyday  Life | General Sociology: Sociology in Everyday Life Introduces the sociological  frame of reference which focuses on sociology as a science and examines  concepts related to human social behavior such as social structure, culture,  socialization, sex roles, statuses, roles, groups, organizations, social  stratifications and racial and ethnic relations. | 3 | PO,CH,BM, | OSU,  PSU,  UO, |
|  | SOC  205 |  | Soc  Change/Social  Institutions | General Sociology: Social Change & Social Institutions Explores various  social institutions (family, economy, polity, and religion) from a social  change perspective. Various theories of social organization and social  change are compared and contrasted. | 3 | PO,CH,BM,  TB,TV,UM, | OSU,  PSU,  UO, |
|  | SOC  206 |  | Gen Soc:  Social Prob -  Conform | General Sociology: Social Problems-Conformity and Deviance Applies the  sociological frame of reference to the study of social problems, their  identification, analysis of causes and possible solutions. Problems explored  may include mental disorders, drug and alcohol addiction, crime and  delinquency, group discrimination, inequality, poverty, alienation, domestic  and international violence, environment and energy. | 3 | PO,CH,BM,  TB,TV,UM, | OSU,  PSU,  UO, |
| \* | SOC  210 |  | Marriage,  Family,Int.  Relations | Topics include romantic love, sexual patterns, courtship and dating, intimate  relationships, happiness and tension and conflict in relationships,  separation, divorces, widowhood, remarriages, family systems in other  cultures, family system in America, minority family patterns, current  changes, and prospects for the future. Presents sociological descriptions  and explanations of these topics and also guides students into way of  coping better in their own relationships. | 3 | CH,CT,  SW,TV,  LA,OC, |  |
| \* | SOC  211 |  | Peace and  Conflict/ Social  Deviance &  Control | Explores the causes and manifestations of violence in actions involving  oneself, society, one's nation, and the global community. Alternatives to  oppressive behavior, undemocratic institutions, and the violent resolution of  conflict are considered. | 3 | BM,UM,  PO,LB,  RO,LA, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | SOC  212 |  | Social Control | Describes and analysis types of social controls (such as imprisonment,  coercion, isolations, value training); describes the effects of controls for  controller and controlee; the problems of rehabilitation and resocialization. |  |  |  |
|  | SOC  213 |  | Gen.Soc.  Diversity in  America | General Sociology: Diversity in America Examines a variety of topics such  as race and ethnicity, gender, age, sexual orientation, social class, and  related issues and concepts from a number of sociological perspectives.  There are no prerequisites for this course, but it is strongly recommended  that the student have taken SOC 204 and 205 or their equivalent before  taking this course. | 3 | PO,BM,  UM,CT,  SW,MH,  RO, | OSU,  PSU,  UO, |
|  | SOC  215 |  | Social Issues  and  Movements | Global Studies: Social Issues and Movements Explores social issues and  movements from a global perspective. Examines the impact of social  change and cultural contact on individuals and social structure and focuses  on organized social responses to social problems, utilizing a multicultural,  multidisciplinary approach. | 3 | PO, |  |
|  | SOC  216 |  | Soc  Issues/Move:  The Amer  Male | Social Issues and Movements: The American Male The masculine role in  contemporary America using the sociological perspective. Introduces the  male socialization process and the affects on his relationship with work,  women, children and other men. | 3 |  |  |
|  | SOC  218 |  | Sociology of  Gender | Focuses on how socialization is affected by gender. Topics include how  gender is reflected in culture through values, norms, language, media,  power, violence, various theoretical approaches, significant social  institutions, social movements and issues. SOC 204, 205, or instructor  permission recommended. | 3 | PO,KL, | OSU,  PSU,  UO, |
|  | SOC  219 |  | Religion/Cultur  e Social  Dimens | Religion & Culture: Social Dimensions Explores the relationship between  culture, social structure, and religion, through a comparative and cross-  cultural examination of religious beliefs, practices, and organization. | 3 | CG,PO, |  |
|  | SOC  223 |  | Sociology of  Aging | Social Gerontology/Sociology of Aging Explores the impact of social and  socio cultural conditions on the process of aging and the social  consequences of this process. Also explores the aging process through a  life-course perspective and adopts a social problems approach to aging and  related issues. Recommended prerequisite: SOC 204 or 205, or instructor  permission. | 3 | PO,BM,  MH,CL, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* | SOC  225 |  | Social  Problems | An examination of selected social problems-basic facts, effects on the  individual and society, and explanations. Problems will be selected from  the following three areas, but not all topics will be covered each term: (1)  System Problems: racial and sexual discrimination, inequality and poverty,  militarization and war, ecological problems, overpopulation, urban and rural  problems, life cycle problems. (2) Problems of Specific Institutions:  government, economy, family, education, religion, social services. (3)  Personal pathologies: mental illness, suicide, alcoholism, drug addiction. | 3 | CT,LA,  MH,RO, |  |
|  | SOC  228 |  | Intro  Environmental  Sociology | Introduction to Environmental Sociology Examines the relationship between  society and the environment. The industrialization of society and our  increasing demand for natural resources has significantly impacted the  earth's ability to meet the needs of humanity and other species. Explores  the causes and consequences of such topics as population, consumption,  development, pollution, public policy, and environmental justice. | 3 | PO, |  |
|  | SOC  230 |  | Intro to  Gerontology | Introduction to Gerontology Introduces the current theories, policies, and  practices in gerontology and professional opportunities in the field.  Addresses the concerns of practitioners and focuses on service delivery  and policy directions. Recommended prerequisite: SOC 204 or 205, or  instructor permission. | 3 | PO, |  |
|  | SOC  231 |  | Sociology of  Health &  Aging | Provides an introduction to age related health issues in social and cultural  context. Topics include the social structuring of age, health and illness;  demographics and patterns of health and illness of older adults; issues  related to medical and healthcare services; health and long-term care policy  and programs. | 3 | PO, |  |
|  | SOC  232 |  | Death &  Dying: Cult &  Issues | Death and Dying: Culture and Issues Introduces the student to the  institution of death in the United States. From a sociological frame of  reference, the student will study death as a system for dealing with the  social processes of dying, death, and bereavement. SOC 204, 205, or  instructor permission recommended. | 3 | PO,MH,  CG, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | SOC  233 |  | Intro to Dying  &  Bereavement | Introduction to Dying and Bereavement Introduces social structures, social  relationships and cultural patterns related to dying and bereavement. | 1 |  | UO, |
|  | SOC  240 |  | Sociology of  Work &  Leisure | Sociology of Work & Leisure: Problems and Prospects Explores problems  and potentials of work and leisure in the culture. The following topics may  be examined: meaningful career choices, satisfactions and dissatisfactions  associated with work, the work ethic and its implications, the changing  nature of work, the life course and problems with leisure, the question of a  leisure ethic and affirmative decision-making and balance in work and  leisure. | 3 | PO, | OSU,  PSU,  UO, |
|  | SOC  243 |  | Narcotics &  Dangerous  Drugs | Discusses drug problems in society including history of drug use, causes of  addiction, identification of illegal drugs. Studies the criminal law as a use  factor. | 3 | SW,BM,  RO, |  |
|  | SOC  280 |  | CWE:  Sociology | Cooperative Education: Sociology Extend knowledge of sociology through  work and/or volunteer time spent in settings that provide learning  experiences. Instructor permission required. | 3 | PO,LB,  RO,UM, | OSU,  PSU,  UO, |
|  | SOC  298 |  | Independent  Study:  Sociology | Advanced, individualized study of areas of sociology not considered in other  courses to meet special interests or program requirements. Includes a term  project and readings approved by the instructor. Instructor permission  required. Recommended: prior study of sociology. | 3 | PO,TV,  UM, | OSU,  PSU,  UO, |
|  | SOC  299 |  | Special  Studies | Special topics, activities, or projects in an area of sociology not usually  covered in depth in other sociology courses. Recommended: prior study in  sociology and instructor permission. | 3 | PO, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **SPEECH,**  **READING,**  **VOCABULARY** \* |  | SP 100 | Intro to  Speech  Communicatio  n | Introduction to Speech Communication Covers complexities of the  communication process. Includes insights into the causes and effects of  general communication behaviors, involvement in active exploration of  basic communication theories and concepts, and opportunities to develop  communication strengths. | 3 | PO,CH,BM,  CL, TB,LA,  MH,OC,RO  ,CG | OSU,  PSU,  UO, |
|  |  | SP 101 | Oral  Communicatio  n Skills | Improve listening and speaking skills. Includes oral reports, conference  procedures and everyday conversation. | 3 | PO, | OSU,  UO, |
|  |  | SP 105 | Listening | Analyzes listening behavior. Emphasizes developing an understanding and  appreciation of listening as a vital element in the communication process.  Includes theory and individual skill development. | 3 | PO,LA, | OSU,  PSU,  UO, |
|  |  | SP 110 | Fund of Voice  & Articulation | Fundamentals of Voice and Articulation Voice production and articulation of  speech sounds. Focuses on elementary speech physiology and phonetics.  Includes practice in perception and production of American speech and  greater competency using standard English. | 3 | PO,TV, | OSU,  PSU,  UO, |
| \* |  | SP 111 | Fundamentals  of Speech | Prepare and present original speeches with emphasis on organization and  outlining. Present informative, persuasive and other types of speeches.  Prerequisite: Current enrollment in or satisfactory completion of WR 121. | 3 | PO,CH,  BM,CL,  TB,TV,  UM,KL, | OSU,  PSU,  UO, |
| \* |  | SP 112 | Fund Speech:  Persuasive  Speak | Fundamentals of Speech: Persuasive Speaking Reasoning as related to  oral discourse. Emphasizes analysis, reasoning and evidence in the applied  sense. Prerequisite: SP 111, or department permission. | 3 | PO,CH,  BM,CL,  TB,TV, UM, | OSU,  PSU,  UO, |
|  |  | SP 113 | Fund Speech:  Argument/Deb  ate | Fundamentals of Speech: Argument and Debate Principles of  argumentation. Focuses on application of critical reasoning to decision  making and debate. Prerequisite: SP 111. | 3 | PO,CH,  BM,TB,  TV,UM, | OSU,  UO, |
| \* |  | SP 114 | Argument &  Critical  Discourse | An introduction to argumentation as a part of human interaction and  investigation. The course emphasizes the processes by which people give  reasons to gain adherence and to justify beliefs and actions. | 3 |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| \* |  | SP 115 | Intro to  Intercultural  Comm. | Introduction to Intercultural Communication Explores the nature and impact  of different cultures on communication. Includes interactive relationship  forms as the basis for global understanding in the classroom, business or  travel. Focus on processing messages with accelerating changes in  political, economic and immigration patterns through individual cultural  perceptions. Understand and communicate with people who are "different." | 3 | BM,CL,  CO,CH,  LA,MH,  RO, |  |
|  |  | SP 130 | Bus &  Professional  Speech  Comm. | Business and Professional Speech Communication: Communication as it  relates to business and professional settings. Readings and discussions  focus on the climate and settings, philosophies and practices of  organizational communication and use of visual aids in briefings and  presentations. | 3 | PO,CH,  CL,LA, | OSU,  PSU,  UO, |
|  |  | SP 140 | Intro to  Intercultural  Comm. | Study of the basic principles of face-to-face interaction in cross-cultural and  cross-ethnic situations with emphasis on developing skills of intercultural  communication, perception and adaptation. | 3 | PO,UM, | OSU,  PSU,  UO, |
|  |  | SP 199 | Special  Studies /  Speech | Special Studies: Speech Communication Focuses on selected topics in the  area of Speech Communication which are not regularly offered by the  Department. SP 100 recommended. | 3 | MH, |  |
|  |  | SP 212 | Voice &  Diction | Voice and Diction Voice production and articulation of speech sound, with  attention to elementary speech physiology and phonetics. Develops more  effective speech for teachers, radio and television speakers, public  speakers and others who require special competence in speaking. | 3 | PO,CL,  LB,MH, LA, | OSU,  PSU,  UO, |
|  |  | SP 214 | Interpersonal  Communicatio  n Process &  Theory | Interpersonal Communication: Process and Theory Covers interpersonal  communication beyond introductory communication. Improves personal  communication effectiveness through structured experiences and theory  analysis. SP 100 recommended. | 3 | PO,TB, | OSU,  PSU,  UO, |
|  |  | SP 215 | Sm Group  Communicatio  n Process &  Theory | Small Group Communication: Process and Theory Problem solving aspects  of small group activities. Includes process and task, leadership, verbal and  non-verbal messages in the small group, norms and roles, conflict  reduction, and decision making. Focuses on theory and practice. SP 100  recommended. | 3 | PO,CG,  MH, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | SP 217 | Theories of  Persuasion | Theories of Persuasion Crucial factors involved in the process of  persuasion. Examines audience psychology and communication strategies  that enhance speaker effectiveness. Apply principles to individual projects. | 3 | PO,SW, | OSU,  PSU,  UO, |
| \* |  | SP 218 | Interpersonal  Communicatio  n | Designed to assist students in using effective practices of intra-and  interpersonal communication in a variety of face-to-face settings. Learning  to manage stress and conflict, and to use assertive/supportive rather than  aggressive/defensive messages are emphasized. | 3 | PO,CE,SW,  CH, LA,LB,  MH,OC,CL, |  |
| \* |  | SP 219 | Small Group  Discussion | The course stresses skill building in decision making, goal setting,  presentation planning, and knowledge of group process. Designed to assist  students in using effective small group techniques in a variety of settings. | 3 | PO,CE,  SW,CH,  LA,LB,  MH,OC,  CL,TV, UM, |  |
|  |  | SP 221 | Forensics | Practical application of public speaking skills in a variety of settings.  ;preparation for and participation in intercollegiate forensic activities.  Recommended: RD-115 & RD | 2 | CL,LA, MH, |  |
|  |  | SP 222 | Forensics | Practical application of public speaking skills in a variety of settings.  Preparation for and participation in inter collegiate forensic activities.  Recommended: RD 115 &WR 121 prerequisite: SP-111 | 2 | CL,LA, |  |
|  |  | SP 223 | Forensics | Practical application of public speaking skills in a variety of settings.  Preparation for and participation in intercollegiate forensic activities.  Recommended: RD 115 &WR 121 prerequisite: SP-111 | 2 | CL,LA, |  |
|  |  | SP 224 | Forensics | Practical application of public speaking skills in a variety of settings.  Preparation for and participation in intercollegiate forensic activities.  Recommended: RD 115 &WR 121 prerequisite: SP-111 | 2 | CL,LA, |  |
|  |  | SP 227 | Nonverbal  Communicatio  n | Studies the nonverbal aspect of communication as related to verbal  communication. Emphasis on theories and typologies of nonverbal  communication. Consideration of the influence of such factors as  paralanguage, body movement, eye behavior, touch, space, time, smell,  and physical and social environments. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | SP 228 | Rhetoric of the  Media | Explores the symbiotic relationship of the mass media and society from a  rhetorical perspective. Investigation into the technological advancements in  mass communications and their subsequent affect on public discourse and  the individual in society will be examined. | 3 | Kkl, | PSU, |
| \* |  | SP 229 | Oral  Interpretation | Oral interpretation of literature from the areas of prose, poetry and drama.  Analyze specific literary works and communicate that understanding  through performance. | 3 | PO,BM,UM  , | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  |  | SP 237 | Gender and  Communicatio  n | An examination of similarities and differences in male and female  communication styles and patterns. Particular attention given to the  implications of gender as social construct upon perception, values,  stereotyping, language use, nonverbal communication, and power and  conflict in human relationships. Discussion of influence of mass  communication upon shaping and constructing male and female sex roles.  SP 100 recommended. Course fulfills block transfer and cultural diversity  requirements and is transferable to state four-year | 3 | PO, |  |
| \* |  | SP 262 | Voice  Articulation | Intercollegiate forensics and non-competitive speaking. Includes debate,  oratory, interpretative reading, expository, impromptu and extemporaneous  speaking. Earn 1-3 variable credits. May be repeated to a maximum of 12  credits. SP 111 recommended. | 3 | PO,LA,  MH, |  |
|  |  | SP 270 | Projects in  Public  Speaking | Special Studies: Speech Communication Focuses on selected topics in the  area of Speech Communication which are not regularly offered by the  Department. SP 100 recommended. | 3 | PO, | OSU,  PSU,  UO, |
|  |  | SP 280 | CWE / Speech | Cooperative Work Experience: On-the-job experience(paid of volunteer)  which enables the students to apply the knowledge, skills and experience  gained through the on campus program to all aspects of the industry . | 2 | CL,TV, |  |
|  |  | SP 299 | Special  Studies:  Speech/Comm | Study and practice of the principle of voice production and articulation of  speech sound. Emphasis on both theory and practice. | 3 | PO,CL, CE, | OSU,  PSU,  UO, |
|  |  | RD 115 | Speed  Reading and  Vocabulary | Improve reading rate, vocabulary and comprehension. Includes formation of  efficient reading habits, vocabulary development, inferential and critical  reading, and adapting reading rate to different reading tasks. Prerequisite:  Reading placement score above 41, or successful completion of RD 90. | 3 | PO,CH,  CL,TV, UM, | OSU,  UO, |
|  |  | RD 116 | College  Vocabulary  Development | Adds significantly to the students' reading, writing, and speaking  vocabularies, fosters interest in words, and offers strategies for continuous  vocabulary development throughout life. Prerequisite: Reading placement  test score above 41, or successful completion of RD 90. | 3 | PO,CH, TV, | OSU,  UO, |
|  |  | RD 117 | Advanced  Speed  Reading | Further exploration of topics covered in RD 115, emphasizing inferential,  critical, and technical reading. Prerequisite: Successful completion of RD  115. | 3 | PO,CH, CL, | OSU, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **THEATER** |  |  | Note: Dance is  under major  heading of Health |  |  |  |  |
|  | TA 101 |  | Theater  Appreciation | Introduces theater through studying plays and the artists who participate in  the theatrical experience. Attend local productions and discover how and  why the event happens from the viewpoint of the actor, director, playwright,  designer and audience. | 3 | PO,BM,  CL,TB, | OSU,  PSU,  UO, |
|  | TA 111 |  | Fund of  Technical  Theater | Fundamentals of Technical Theater Covers basic principles and techniques  of technical theater such as stage design, lighting, properties and stage  management. Explores the role of the technician in the theater organization.  Lecture and lab allows flexible scheduling. | 4 | PO,CL,  TV,MH, | OSU,  PSU,  UO, |
|  | TA 112 |  | Introduction to  Set Design | Covers elements of technical theater including practical hands-on  experience in designing a stage set, construction, the set design and stage  rigging. Lecture/lab format provides time for individualized projects. | 3 | PO,CL,  TV,MH, | OSU,  PSU,  UO, |
|  | TA 113 |  | Introduction to  Stage Lighting | Explores theater and studio lighting. Focuses on elements of electricity,  optics, stage lighting design, color in light, stage lighting instruments and  intensity controls. Participate in stage lab activities. | 3 | PO,CL,  TV,MH, | OSU,  PSU,  UO, |
|  | TA 141 |  | Fund of Acting  Techniques | Fundamentals of Acting Techniques Explores the actor's resources to  develop physical and vocal expressiveness providing insight to the process  of dramatic characterization and "believability" in a role. Includes two hours  of group activity and two hours of lab time. | 3 | PO,CL,  TV,UM,  BM,CT,  CG,MH,  RO, | OSU,  PSU,  UO, |
|  | TA 142 |  | Fund of Acting  Techniques | Fundamentals of Acting Techniques Acquire concentration and relaxation in  approaching a role. Improve performance skills with focus on vocal and  physical control. Scene study is used. Prerequisite: TA 141. | 3 | PO,CL,  TV,UM,  CE,MH,  RO,LA, | OSU,  PSU,  UO, |
|  | TA 143 |  | Fund of Acting  Techniques | Fundamentals of Acting Techniques Practice skills from TA 141 and TA  142. Stresses further inquiry and use of knowledge and skills in  performance. Includes audition techniques. Prerequisite: TA 141. | 3 | PO,CL,  TV,UM,  CE,MH,  RO,LA | OSU,  PSU,  UO, |
|  | TA 144 |  | Improvisationa  l Theater | Become more in touch with the body and senses as used to express  yourself and communicate with others. Includes exercise, theater games  and impromptu scenes to tap the creative potential of the human  imagination. | 3 | PO, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | TA 147 |  | Voice &  Diction for  Theater | Voice and Diction for the Theater Become aware of your own voice through  physical exercises which emphasize relaxation, breathing and increased  muscle awareness. Develop freedom, range and flexibility as exercises are  applied to works of Shakespeare. Modified yoga postures will be taught. | 3 | BM,PO, |  |
|  | TA 148 |  | Movement for  the Stage | Develops awareness and skills in movement as related to acting and  communication. Focuses on body awareness, relaxation, energy, creating  physical images and character, and communicating through body language.  Explores expression through movement. | 3 | PO, | OSU,  PSU,  UO, |
|  | TA 153 |  | Theatre  Rehearsal &  Performance | Training in theatre production through intensive study and rehearsal of  scenes and plays for public performances. | 3 | CL,LA,  MH,RO, |  |
|  | TA 155 |  | Readers  Theater | Oral interpretation techniques as applied to group reading. Includes  organization and preparation of scripts and creative oral reciting.  Emphasizes verbal interpretation of literature. | 3 | PO, | OSU,  PSU,  UO, |
|  | TA 160 |  | Agents and  Acting | Discover the world of commercial acting including television and film.  Professionals will teach classes in areas including resumes and head shots,  marketing, voice work and film auditioning. | 3 | PO, |  |
|  | TA 180 |  | Theater  Rehearsal &  Perform | Theater Rehearsal and Performance Credit for performance in theater  production, if cast. Gain first-hand experience in performance techniques.  Audition required. | 3 | PO,BM,  CG,LB, | OSU,  PSU,  UO, |
|  | TA 190 |  | Projects in  Theater | Design an independent project associated with the theater. Develop a  contract with a theater arts instructor covering the course content. | 3 | PO,LB, | OSU,  PSU,  UO, |
|  | TA 198 |  | Independent  Studies:  Theatre | Experiencing and appreciating the theatrical arts through the study and  attendance of summer productions in Ashland. Pre-reading of scripts,  attending performances, discussions required. Historical and production  elements, including the roles of playwrights, actors, directors designers to  be considered in written critiques. Recommended to non-majors for  humanities credit and theatre majors for essential background. | 3 | CL,LB,  PO,MH, |  |
|  | TA 199 |  | Special  Studies:  Theatre | Independent studies for projects in 1)directing plays, 2) writing plays, 3)  designing plays, 4) specific acting studies, 5) management projects, and 6)  research projects. Consent of instructor and college-level coursework in  project area required; I.e., acting, design, writing, business coursework.  Student must present written proposal for approval. | 3 | LA, RO,  MH,LB, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | TA 227 |  | Stage Makeup | Techniques of applying stage make-up including use of tools and products.  Focuses on analyzing the character and theater to create the best make-up  for various roles on any given stage. Class time is divided into lecture and  student make-up projects. | 3 | PO,CL,  MH,UM, |  |
|  | TA 240 |  | Beginning  Pantomime | Mime in the classic, white face tradition, using methods of muscle tone  improvement, posture, balance, and flexibility to introduce techniques of  play writing and storytelling. | 3 | PO,LB, | OSU,  PSU,  UO, |
|  | TA 241 |  | Intermediate  Acting  Technique | Concentrate on in-depth study of the skills introduced in first year acting.  One-act plays will be assigned as projects. | 3 | PO,UM,  SW,MH,  LA, | OSU,  PSU,  UO, |
|  | TA 242 |  | Intermediate  Acting  Technique | Comedy characterization as a style of performance. Study and perform a  variety of comic literature. Focuses on comedy techniques. | 3 | PO,UM,  LA, | OSU,  PSU,  UO, |
|  | TA 243 |  | Intermediate  Acting  Techniques | Intermediate Acting Technique Emphasizes vocal and physical techniques  as well as stylized and contemporary acting methodology. Projects are  approved by the instructor to strengthen all areas of stage performance. | 3 | PO,UM,  LA, | OSU,  PSU,  UO, |
|  | TA 253 |  | Theater  Rehearsal &  Perform | Theater Rehearsal and Performance in a play. Audition required. | 3 | PO,TV,  UM,CL,  MH, | OSU,  PSU,  UO, |
|  | TA 261 |  | Introduction to  Costuming | Surveys costume history, design, and basic patterning-to-construction  techniques. | 3 | PO, | OSU,  UO, |
|  | TA 274 |  | Theater  History | Explores the nature of the theatrical event, its emergence and significance  in the lives of the people of the past from ancient Greece to the present. | 3 | PO, |  |
|  | TA 280 |  | CWE /  Theater | Cooperative work experience. Provides student with a learning experience  related to course of study and career goal. Major emphasis will be given to  on-the-job experience and training, Required: instructors consent & a CWE  seminar | 1 | CT,CL, RO, |  |
|  | TA 285 |  | Theatre  workshop | Production Workshop | 2 | TV,LB CH, |  |
|  | TA 290 |  | Projects in  Theater | Advanced independent study course. Contract with a theater arts instructor  for individual project. Examples of projects could be assistant directing,  lighting design, costuming, dramaturge. | 3 | PO,LB, | OSU,  PSU,  UO, |
|  | TA 299 |  | Special  Studies | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. |  | TV,LA, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **WRITING** | WR 115 |  | Intro to  Expository  Writing | Introduction to Expository Writing Introduces college level skills in reading  critically, exploring ideas, and writing. Students compose essays which  support a thesis through structure appropriate to both thesis and reader and  learn to revise for clarity and correctness. Prerequisites: Writing placement  test score of 41-44 or WR 90 or ENL 262 and Reading placement test score  above 41 or RD 90 or ENL 260. | 3 | PO,CH,  BM,CL,  TB,TV,  UM,CG,  SW, | OSU,  PSU,  UO, |
| \* | WR 121 |  | English  Composition | Develops skills in analytical reading, critical thinking, and expository and  persuasive writing. Students compose several essays using a variety of  strategies to present evidence in support of a thesis. Prerequisite: Writing  and Reading placement test scores above 44 or WR 115. | 3 | PO,CH,BM,  CL, TB,TV,  UM,CE,CG,  SW, LB.LA,  RO,OC,MH  KL, | OSU,  PSU,  UO, |
| \* | WR 122 |  | English  Composition | Focuses on argument as a means of inquiry, clear and appropriate writing  style, and critical reading. Explores ideas and issues through discussion  and writing. Students compose analytical, argumentative, and/or expository  essays with appropriate documentation. Prerequisite: WR 121. | 3 | PO,CH,BM,  CL, TB,TV,  UM,TB,CE,  CG,SW,LB,  LA,RO,OC  MH, KL, | OSU,  PSU,  UO, |
| \* | WR 123 |  | English  Composition | Uses extensive research writing to develop skills in critical analysis and  documented argument. Students synthesize their considered response to  designated text(s) and/or issues with the reactions of other writers. Includes  paraphrasing, summarizing, quoting, and documenting using style  appropriate to discipline researched. Prerequisite: WR 122. | 3 | PO,CH,TB  TV,UM,CE  CG,UM,CL  SW,RO,OC  LA,LB,MH  KL, | OSU,  PSU,  UO, |
|  | WR 180 |  | Composition  Conf &  Tutoring | Composition Conferencing and Tutoring Explores the techniques and  philosophies involved in tutoring and conferencing one-to-one with writing  students. Students practice skills learned in the classroom as they work in  the PCC Writing Center, or as volunteers in local public schools. | 1 | PO, |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | WR 185 |  | English  Grammar | Introduces linguistic analysis of written English, elementary history, and  mastery of grammatical vocabulary. Includes language acquisition theory  and the application of grammatical understanding to the art of composition.  Prerequisite: Writing and Reading placement test scores above 44 or WR  115. | 3 | PO,CL, CE, | OSU,  PSU,  UO, |
|  | WR 198 |  |  | Offers individualized study in areas of writing not considered in other  courses to meet special interests or program requirements. Students  complete a term project and readings approved by the instructor. Instructor  approval in required. Recommended: prior study of writing. | 1 | CH,MH,  OC,CL, KL |  |
|  | WR199 |  | Special  Studies: | Special topics, activities, or projects in an area of writing not usually  covered in depth in other writing courses. Instructor approval in required.  Recommended; Prior study of writing. | 1 | TV,SW,  CL,TV, KL |  |
|  | WR 214 |  | Business  Communicatio  ns II | Explores writing as a strategy for problem-solving in business settings.  Develops analytical skills and audience awareness in complex writing  situations. Includes group problem-solving, fact-finding interviewing, library  research, evaluating ethical issues, developing appropriate formats, and  composing, revising, designing, and editing business documents.  Prerequisite: WR 121. | 3 | PO,TB,  CE,CG,LB,  SW | OSU,  PSU,  UO, |
| \* | WR 227 |  | Technical  Writing I | Introduces technical and professional communications. Includes such  projects as definitions, specifications, descriptions, instructions, manuals,  warnings, liability statements, and analytical reports. Emphasizes precise  use of language and graphics to communicate complex technical and  procedural information safely, legally, and ethically. Prerequisite: WR 122. | 3 | PO,CH,  BM,CL,  TB,TV,  UM,SW,  CG,CE,  MH,LA,  LB,OC,  RO,KL, | OSU,  PSU,  UO, |

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|  | WR 228 |  | Police Report  Writing | Emphasizes writing skills and techniques appropriate to narrative structures  necessary for operational police reports. Prerequisite: WR 122 or WR 214. | 3 | CL, | OSU,  PSU,  UO, |
|  | WR 229 |  | Advanced  Police Report  Writing | Covers writing police reports for a living. Includes determining if available  information and evidence is legally admissible in court, interviewing  witnesses to a crime, discussing the relationship between physical evidence  and personal analysis of a crime with law enforcement personnel, and  preparing an entire case for prosecution. Students without WR 228 may  enter with instructor permission. Prerequisite: WR 228. | 3 | PO, | OSU,  PSU,  UO, |
|  | WR 240 |  | Creative  Writing  (Nonfiction) | Focuses on creative nonfiction, such as investigative journalism, nature  writing, reviews, satire, and personal essays. Evaluates students'  compositions in class discussion. WR 122 is a recommended prerequisite.  Prerequisite: WR 121. | 3 | LB,PO, CG, |  |
|  | WR 241 |  | Creative  Writing  (Fiction) | Focuses on writing and submitting fiction for class discussion and analysis.  Studies established writers for techniques, structures, and styles.  Recommended: WR 121-level reading and writing skills. | 3 | PO,CH,BM,  CL,TB,TV  UM,SW,LA  LB,MH,OC  RO, | OSU,  PSU,  UO, |
|  | WR 242 |  | Creative  Writing  (Poetry) | Introduces students to the craft of poetry through study of the works of  established writers for writing techniques, forms, structures, and styles, and  through the writing and submission of approximately one complete poem  per week for class discussion and analysis. Recommended: WR 121-level  reading and writing skills. | 3 | PO,CH,  BM,CL,  TB,TV,  UM,SW,  LA,LB,  MH,RO, | OSU,  PSU,  UO, |
|  | WR 243 |  | Creative Wr  (Script Wr) | Creative Writing (Script Writing) Focuses on writing and submitting scripts  for class discussion and analysis. Studies established writers for  techniques, structures, and styles. Recommended: WR 121-level reading  and writing skills. | 3 | PO,CH,  BM,CL,  TB,TV,  SW,LA,  RO, | OSU,  PSU,  UO, |
|  | WR 244 |  | Adv Creative  Writing -  Fiction | Advanced Creative Writing - Fiction Focuses on continuing to apply the  techniques and structures of fiction writing introduced in WR 241. Includes  writing fiction, having work critiqued by instructor and peers, and critiquing  that of others in a workshop setting. Students without WR 241 may enter  with instructor permission. Prerequisite: WR 241. | 3 | PO,CL,  TB,MH, | OSU,  PSU,  UO, |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
|  | WR 245 |  | Adv Creative  Writing -  Poetry | Advanced Creative Writing - Poetry Extends the introduction to the craft of  poetry in WR 242. Presents the works of established writers for forms,  techniques and styles of poetry as a context for the student's own  production of one poem per week for class discussion and analysis.  Students without WR 242 may enter with instructor permission.  Prerequisite: WR 242. | 3 | PO,CL,  TB,MH, | OSU,  PSU,  UO, |
|  | WR 246 |  | Adv Creat Wr  (Editing &  Pub) | Advanced Creative Writing (Editing and Publishing) Emphasizes  development of craft in students' writing while introducing basics of editing  others' manuscripts and preparing them for publication in a variety of forms,  including an annual student literary magazine. May be repeated twice for  credit. Students are required to have instructor permission in addition to or  in place of the listed course prerequisites. Prerequisites: WR 240 or WR  241 or WR 242 or WR 243 or | 3 | PO,CL, | OSU,  PSU,  UO, |
|  | WR 280 |  | CWE / Writing | On-the-job experience (paid or volunteer) which enables the student to  apply the knowledge, skills and experience gained through the on-campus  program to all aspects of the industry. Cooperative Work Experience is  offered for variable credit, based on the student's objectives. Instructor  permission is required. The student is responsible for locating a job site. | 3 | LB, |  |
|  | WR 298 |  | Independent  Studies:  Writing | Faculty supervised, Independent study in an area of student interest. | 3 | CL,CH, |  |
|  | WR 299 |  | Special  Studies:  Writing | Engage in documentary script writing skills of researching and developing  topics, learning how to organize narratives into effective scripts, and  constructing projects. Includes opportunities in New Media for developing  interactive documentaries. | 3 | RO,TV, |  |
|  | WR  299A |  | Advanced  Script Writing | Focuses on polishing script or screenplay writing skills to a level of  readiness for submission to available markets or competitions. Increase  awareness of techniques, topics, and styles of established writers and learn  about the process of getting a work marketed. | 3 |  |  |

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| **Main Subject** | **Course**  **#** | **Sub**  **Subject** | **Title** | **Description** | **CR** | **CC**  **Offer** | **OUS**  **CEQ** |
| **WOMEN'S**  **STUDIES** |  |  | Women's  Studies | Surveys and critically analyzes the position of women in society, in terms of  present realities and future possibilities. Provides a framework to connect  personal experience with contemporary social and political issues. | 3 | CL,CH,  LA,PO, CG, |  |
|  | WS 298 |  | IS Women's  Studies | Advanced, individualized study in areas not considered in other courses to  meet special interests or program requirements. Complete a term project  approved by the instructor. Recommended: prior study, and instructor  permission. | 3 | CL, |  |
|  | WS 299 |  | SS Women's  Studies | Special Topics: Covers special topics, activities or projects in an area not  usually covered in depth in other courses. | 3 | CE, |  |
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| **COURSE** | **#** |
| Alcohol and Drug Counselor | HS |
| Allied Health | AH |
| Animal Technology | AT |
| Applied Arts | AA |
| Apprentice | APP |
| Auto Body  Auto Body Refinishing  Auto Collision Repair | AB |
| Automotive  Automotive Mechanics  Automotive Service Technician | AUT |
| Aviation Maintenance | AV |
| Broadcasting | BCT/RB |
| Business Technology  Office Administration | BT |
| Child Care and Development | CCD |
| Civil Engineering Technology/Surveying | CET |
| Computer Information Systems/Software/Science | CIS/CIM/CST |
| Cosmetology | COS |
| Crop and Soil Science | CSS |
| Culinary Arts | CA |
| Dental Lab Technician | DT |
| Dental Assisting | DA |
| Dental Hygiene | DH |
| Diesel Service | DSL |
| Dietary Management/Dietetic Technology | DT |
| Digital Systems Technology | DST |
| Drafting-Architectural  Computer Aided Drafting (CAD)  Technical Illustration | DRF |
| Early Childhood Education | ECE |
| Education | ED |
| Education Aide/Assistant | EDA |
| Electricity/Electronics | ELT/EET |
| Emergency Dispatch Operator | EDO |
| Emergency Medical Technician | EMT |
| Entrepreneurship | ENT |
| Furrier Science | FAS |
| Fire Protection Technology | FRP |
| Fisheries | FI |
| Floral Technology | FLO |

whether they are professional technical or general education in focus.

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**Suggested Common Alphas for Professional Technical Courses**

On February 1, 1996, a letter detailing agreed-upon alphas for professional technical courses was sent to

Council of Instructional Administrators members. The following list reflects a few additions and is the most

current available through CCWD. Courses with these prefixes are not included in the Lower Division

Collegiate Course Catalog.

These professional technical programs and suggested alphas for their course numbering is for use on

professional technical courses which are numbered 100 or above and are to be used for freshman and

sophomore level courses only. You may also choose to use these alphas for courses that you number below

100 or with a decimal number. Courses with developmental level content should be numbered below 100

|  |  |
| --- | --- |
| Food Science/Production | FP |
| Forestry Resources | FOR |
| Funeral Services | FSV |
| Graphic Arts | GA |
| Graphic Design | GD |
| Graphic/Printing Technology | PT |
| Hazardous Materials/Environmental Safety | ESHM |
| Horticulture | OH |
| Hotel, Restaurant, Tourism Management | HRTM |
| Industrial Technology | IT |
| Integrated Machine Technology | MT |
| Interior Design | ID |
| Interpreter Training | ITP |
| Journalism Technology | JT |
| Landscape/Ornamental | LAT |
| Law Enforcement | LE |
| Legal Assistant | LA |
| Machine Manufacturing Technology | MFG |
| Management and Professional Development | SD |
| Maritime Science | MAS |
| Mechanical Engineering Technology | MET |
| Medical Assisting | MA |
| Medical Laboratory Technology | MLT |
| Medical Records Technology | MR |
| Mental Health/Human Services | HS |
| Nursing | NUR |
| Nursing Assistant | NA |
| Occupational Therapy Assistant | OTA |
| Office Administration/Assistant | OA |
| Ophthalmic Medical Technology/Opticianry | OMT/OT |
| Parts Merchandising | PM |
| Physical Therapist Assistant | PTA |
| Precision Metal Fabrication Technology | PMT |
| Professional Music | MUC |
| Professional Skills Training/Occupational Skills Training | PST |
| Public Service Administration | PSA |
| Quality Science | QS |
| Radiology | RAD |
| Real Estate | RE |
| Recreation Management | RM |
| Refrigeration | RH |
| Respiratory Therapist | RT |
| Semiconductor Manufacturing | SM |
| Sonography | SON |
| Surgical Technology | ST |
| Telecommunication Administration | TEL |
| Television | TV |
| Truck Driving | TD |
| Veterinary Technology | VT |
| Video Production | VP |
| Visual Communication | VC |
| Water/Wastewater Quality | WQT |
| Welding/Welding Fabrication/Metallurgy | WLD or WEL |

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**Department of Community Colleges and**



**Workforce Development**

**255 Capitol Street NE**

**Salem, OR 97310**

**Application for Approval of New or Revised**

**LOWER DIVISION COLLEGIATE COURSES**

**Colleg:** **Date:**

**Course Title:** **Course Number:**

**Course Description:**

***Credits*:** **Lecture Hours/Term:** **Intended for use in fulfilling AA-OT degree requirements as:**

**Lecture/LabHours Term:** ***General Requirement***

**Lab Hours/Term:** ***Distribution Requirement***

**Other Provisions(Explain):** ***Elective Only***

**Formerly**

New Course Title:

Revised No: Credits: Lec: Lec/Lab: Lab:

I CERTIFY THAT the course listed above carries college credit transferable to one or more four- year

institutions. When the local administrator affixes their signature below, they certify that the course meets the

standards of OAR 589-006-0200.

Signature of College Representative

**FOR STATE OFFICE USE ONLY**

Approved CIP: Date:

Disapproved Reason:

**Authorized Representative**

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