Lane Community College ℠

2016 – 2017
Career and Technical Programs

Arts Division
541.463.5409

lanecc.edu

Multimedia Design

Associate of Applied Science Degree
One-Year Certificate of Completion, Multimedia Design
One-Year Certificate of Completion, Web Design

Program Coordinator Jefferson Goolsby, Bldg. 17, Rm. 105; Teresa Hughes, Bldg. 17, Rm. 106

Purpose To prepare students for entry-level positions in the media industry and careers in multimedia design and production.

Learning Outcomes The student who successfully completes all Multimedia Design requirements will:

- become proficient in developing and applying effective visual design strategies for creating interactive multimedia, animation, games, web sites, and computer-based training for delivery over the Internet, DVD's and CD-ROM.
- design computer applications incorporating multiple forms of media such as text, graphics, audio, video, and animation.
- have additional skills in one or more elective areas: software, design, or media.
- manipulate variables using computer software applications.
- understand the concept, potential and implications of communicating ideas using computer-based interactive media technology.
- use appropriate library and information resources to research media issues, concepts and tools, and support lifelong technical learning.

Cooperative Education (Co-op) Opportunities to work directly in the media industry as interns are provided by the Co-op program. Through Co-op, students connect classroom learning with field experience, gain skills, and make contacts for the future. Second-year students will work with professional production teams to gain experience producing a variety of interactive multimedia products. Contact Teresa Hughes, Multimedia Design Co-op Coordinator, Bldg. 17, Rm. 106, 541.463.3179, *hughest@lanecc.edu.*

Job Openings Projected through 2020
Lane County 4 annually
Statewide 37 annually

Wages
Lane County average hourly $30.06; average annual $65,529
Oregon average hourly $30.39; average annual $63,203

Costs (Estimate based on 2013-14 tuition and fees. Consult Lane's website for updated tuition.)

Books	$1,700
Resident Tuition and General Student Fees	$9,006
Total Estimated Cost	$10,706

Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Course Requirements

1. Foundational Skills and Discipline Studies courses can be taken P/NP or for a letter grade of C- or higher: WR 121, MTH 60, CG 203, Science, and Health/PE.
2. All major courses must be taken for a letter grade, not P/NP.
3. Major courses that serve as a prerequisite in a sequence must be passed with a B- or higher : FA 250, MUL 105, AUD 120, ART 216, VP 151, MUL 212, VP 152, MUL 210, FA 261, and MDP 246.   All remaining major courses must be passed with a C- or higher.
4. Students must earn a grade of 'B-' or better in all prerequisite (s) and 'C-' or better in major requirements.

First Year	Fall
ART 115 Basic Design: Fundamentals	3
FA 250 Concepts of Visual Literacy	3
MUL 101 Introduction to Media Arts	3
MUL 105 Image Communications	4

	Winter
ART 131 Introduction to Drawing	3
ART 216 Digital Design Tools	4
AUD 120 Audio Production	4
MUL 218 Business Practices for Media Arts	3
Choice of:	4
WR 121 Introduction to Academic Writing	
WR 121_H Introduction to Academic Writing: Honors	

	Spring
ART 245 Drawing for Media	4
FA 221 Computer Animation	4
MUL 212 Digital Imaging	4
Science, Math, Computer Science Requirement	4
VP 151 Video Production 1: Camera	3

Second Year	Fall
CIS 195 Web Authoring 1	3
Directed Electives (Software, Design, or Media)	3-4
MTH 60 Beginning Algebra or- Higher Math or higher	4
MUL 210 Multimedia Design	3
VP 152 Video Production 2: Editing	3

	Winter
ART 288 Introduction to Web Design	3
CG 203 Human Relations at Work	3
FA 261 Writing for Interactive Design	3
MDP 246 Multimedia Production 1	4
MDP 280 Co-op Ed: Multimedia	3

	Spring
MDP 247 Multimedia Production 2	4
MDP 280 Co-op Ed: Multimedia	3
Choice of:	3
Physical Education Activity requirement	
Health Requirement	
Directed Elective	3-4

Multimedia Design

Offered by the Art & Applied Design, 541.463.5409

One-Year Certificate of Completion

Program Coordinator Jefferson Goolsby, Bldg. 17, Rm. 105; Teresa Hughes, Bldg. 17, Rm. 106

Purpose To prepare students for entry-level positions in the media industry and careers in multimedia design and production.

Learning Outcomes The student who successfully completes all Multimedia Design requirements will:

- understand the concept, potential, and implications of communicating ideas using computer-based interactive media technology.
- become proficient in developing and applying effective visual design strategies for creating interactive media, animation, games,

Multimedia Design

web sites, and computer-based training for delivery over the Internet, DVD's, and CD-ROM.
- use appropriate library and information resources to research media issues, concepts and tools, and support lifelong technical learning.
- design computer applications incorporating multiple forms of media such as text, graphics, audio, video, and animation.
- manipulate variables using computer software applications.

Job Openings Projected through 2020
Lane County 4 annually
Statewide 37 annually

Wages
Lane County average hourly $30.06; average annual $62,529
Oregon average hourly $30.39; average annual $63,203

Costs (Estimates based on 2013-14 data for full-time students. Students attending part-time will incur additional term fees. Consult Lane's website for updated tuition and fees.)

Federal Loans	$0
Institutional financing	$0
Books	$1,700
Resident Tuition and General Student Fees	$6,983
Total Estimated Cost	$8,683

Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Gainful Employment Disclosure

Standard Occupational Classification: 27-1014.00

Go to the Department of Labor's O*Net website for a profile of this occupation:
Multimedia Artists and Animators
onetonline.org/link/summary/24-1014.00

In academic year 2014-15, 8 students completed this certificate.

The program is designed to take 4 terms, or about 15 months of study to complete.

Lane Community College is committed to protecting student privacy and does not publish this rate for fewer than 10 graduates.

For privacy reasons under FERPA, loan information is not disclosed for programs with fewer than 10 graduates in the reported year.

Explanation of costs: *lanecc.edu/esfs/credit-fees-and-expenses*

Course Requirements
1. Foundational Skills and Discipline Studies courses can be taken P/NP or for a letter grade of C- or higher: WR 121, WR 121_H, MTH 60, and CG 203. All major courses must be taken for a letter grade, not P/NP.
2. Major courses that serve as a prerequisite in a sequence must be passed with a B- or higher : CIS 195, ART 216, ART 289, and MUL 212. All remaining major courses must be passed with a C- or higher.

	Fall
ART 115 Basic Design: Fundamentals	3
FA 250 Concepts of Visual Literacy	3
MUL 101 Introduction to Media Arts	3
MUL 105 Image Communications	4
Choice of:	4
WR 121 Introduction to Academic Writing or	
WR 121_H Introduction to Academic Writing: Honors	

	Winter
ART 131 Introduction to Drawing	3
ART 216 Digital Design Tools	4
AUD 120 Audio Production	4
FA 261 Writing and Interactive Design	3
MTH 060 Beginning Algebra or higher	4

	Spring
CG 203 Human Relations at Work	3
FA 221 Computer Animation	4
MUL 210 Multimedia Design	3
Science, Math, Computer Science course	4
VP 151 Video Production 1/Camera	3

Directed Electives (Software, Design, or Media)

Contact Art and Applied Design Department for additional choices.

Software

CIS 125G Software Tools 1: Game Development	4
CIS 125W Software Tools 1: Web	3
CIS 195 Web Authoring 1	3
CS 120 Concepts of Computing	4
CS 133JS Beginning Programming: JavaScript	4
CS 161C+ Computer Science 1	4
CS 295N Web Development 1: ASP.NET	4
CS 295P Web Development 1: PHP	4

Design

ART 116 Basic Design: Color	3
ART 119 Typography	3
ART 151A Media Graphics	3
ART 225 Digital Illustration	3
ART 231 Intermediate Drawing	3
ART 234 Figure Drawing	3
ART 290 Design Concepts for the Web	3

Media

ART 261 Photography	3
ART 220 Documentary Photography	3
ART 262 Photography 2	3
FA 222 Computer Animation 2	3
FA 254 Fundamentals of Lighting	3
FA 255 Understanding Movies: American Cinema	3
FA 256 Lighting for Photography	3
J134 Photojournalism	3
J234 Photojournalism 2	4
MDP 248 Multimedia Production 3	4
MUL 214 Digital Photography	3
MUS 119 Music Technology MIDI/Audio 2	4
MUS 298 IS: Music Technology	1-6

Web Design

Offered by the Art & Applied Design, 541.463.5409

One-Year Certificate of Completion

Program Coordinator Jefferson Goolsby, Bldg. 17, Rm. 105.

Purpose The Web Design certificate is for students considering entry-level positions in web design and production, new media design, or positions with a focus on designing for the web.

Learning Outcomes The student who successfully completes all Web Design requirements will:
- develop proficiency in multiple forms of media design which includes writing for the web, graphic and web design, working with visual imagery, video, sound and animation.
- understand the concept, potential and implications of communicating ideas using computer-based interactive media technology.
- become proficient in developing and applying effective visual design strategies for creating web sites, interactive multimedia, animation, games, and computer-based training for deliver over the Internet, DVD's and CD-Rom. Develop additional skills in one or more elective areas: software, design, or media.
- understand the concepts of media and its effect on society, and how to use media ethically.
- learn to use appropriate library and information resources to research media topics and issues, concepts and tools, and support

Multimedia Design

lifelong technical and aesthetic learning.
- manipulate variables using computer software applications.

Job Openings Projected through 2020
Lane County: 4
Statewide: 43

Wages
Lane County hourly average $28.75; annual average $59,796
Oregon hourly average $33.29 ; annual average $ 69,250

Costs (Estimate based on 2015-16 tuition and fees. Consult Lane's website for updated tuition.)

Books	$1,700
Resident Tuition and General Student Fees	$6,173
Total Estimated Cost	$7,873

Course fees may change during the year. See the online credit class schedule for fees assigned to courses.

Gainful Employment Disclosure

Standard Occupational Classification: 15-1199.03

Go to the Department of Labor's O*Net website for a profile of this occupation:

Web Administrators

onetonline.org/link/summary/15-1199.03

In academic year 2014-15, 1 student completed this certificate.

The program is designed to take 4 terms, or about 15 months of study to complete.

Lane Community College is committed to protecting student privacy and does not publish this rate for fewer than 10 graduates.

For privacy reasons under FERPA, loan information is not disclosed for programs with fewer than 10 graduates in the reported year.

Explanation of costs: *lanecc.edu/esfs/credit-fees-and-expenses*

Course Requirements

1. Prerequisites are required for some courses. See course descriptions.
2. Foundational Skills and Discipline Studies courses can be taken pass/no pass or for a letter grade of C- or better.
3. All program core courses must be taken for a letter grade and passed with a minimum grade of C-.
4. All program core courses that serve as a prerequisite in a sequence must be taken for a grade of B- or higher (with the exception of WR 121.) See course description for prerequisites.

	Fall
ART 115 Basic Design: Fundamentals	3
ART 216 Digital Design Tools	4
CIS 195 Web Authoring 1	3
MTH 60 Beginning Algebra or higher	4

	Winter
ART 245 Drawing for Media	4
ART 289 Web Production	3
CS 133 JS Beginning Programming: Java Script	4
MUL 212 Digital Imaging	4

	Spring
ART 290 Design Concepts for the Web	3
CG 203 Human Relations at Work	3
MDP 280 Co-op Ed: Multimedia	3
MUL 218 Business Practices for Media Arts	3
Choice of:	4
WR 121 Introduction to Academic Writing or	
WR 121_H Introduction to Academic Writing: Honors	