

original 2/5/16



Revision
in credits
/Contact
Hours

Section 1. Proposal Information

Course Developer:

Paul Lancaster

Date: 1/26/2016

Catalog year to take effect :

2015-2016

2016-2017 X

Type of Proposal

X Revised course

199 Experimental Course

299 Experimental Course

Type of Course:

Lower Division Collegiate (transfer)

Professional/Technical (program requires)

X Professional/Technical (stand-alone)

Developmental, numbered below 100

Rationale:

How does this proposal further the goals of the program or department? *This proposal allows LCC to separate Part 61 flight training from Part 141 flight training. Part 61 training is not a formal approved course of training (Part 141 training, in contrast requires an FAA-approved training course), but is often financially more advantageous to a student who transfers a large number of flight training hours into the program. The maximum training credit a student can transfer from another flight training provider into the LCC Part 141 course is restricted to a maximum of 25% of previous Part 61 training, or 50% of previous Part 141 training. For LCC Part 61 training there is no transfer restriction, so all previous hours can be transferred towards completion of the FAA certificate. This revision allows Part 141 training to be offered under the FT 239 course, and FT 249 will be the Pt 61 training course. This will separate the two types of flight training, and will allow us to easily differentiate our Pt 141 students from Pt 61 students which is necessary to comply with Veteran's Administration accounting requirements.*

What evidence supports this proposal?

(New courses) How do you know there is a demand for this course?

PREVIOUS Catalog/Course Information:

Course Number: FT 249 Course Title in Banner: Flight 10 (30 characters maximum)

Full Course Title in print catalog: Flight 10

Prerequisites: NONE Co-requisites: NONE

Grade Option: Graded (with P/NP option) X Pass/No Pass only

Number / Type Credits	Term Minimum Contact	Term Maximum Contact	11-Week Term Contact
<u> </u> Lecture	<u>✓</u> hours (lecture credits x 10)	<u>✓</u> hours (lecture credits x 12)	<u>✓</u> hours (lecture credits x 11)
<u> </u> Lec/Lab	<u> </u> hours (lec-lab credits x 20)	<u> </u> hours (lec-lab credits x 24)	<u> </u> hours (lec-lab credits x 22)
<u> </u> Lab	<u>✓</u> hours (lab credits x 30)	<u>✓</u> hours (lab credits x 36)	<u>✓</u> hours (lab credits x 33)
<u>3</u> Total credits (sum)	<u> </u> Total hours (sum)	<u> </u> Total hours (sum)	<u> </u> Total hours (sum)

What will change in this course as a result of changing the credits?

X Course Description

Course Outline

Contact Hours

Course Outcomes

X Other (explain): The lab will now include both flight and simulator training

Section 2. Proposed Course Outline (A general statement of course content that informs class syllabus construction.)

Course Number: **FT249** Course Title for Banner: **Part 61 Pilot Flight Lab** (30 characters maximum)

Full Course Title for print catalog: **Part 61 Pilot Flight Lab**

Prerequisites: **NONE** Co-requisites: **NONE**

Grade Option: Graded (with P/NP option) X Pass/No Pass only

Number / Type Credits	Term Minimum Contact	Term Maximum Contact	11-Week Term Contact
___ Lecture	___ hours (lecture credits x 10)	___ hours (lecture credits x 12)	___ hours (lecture credits x 11)
___ Lec/Lab	___ hours (lec-lab credits x 20)	___ hours (lec-lab credits x 24)	___ hours (lec-lab credits x 22)
<u>1-7</u> Lab	___ hours (lab credits x 30)	___ hours (lab credits x 36)	___ hours (lab credits x 33)
<u>1-7</u> Total credits (sum)	___ Total hours (sum)	___ Total hours (sum)	___ Total hours (sum)

Original Course Description: *This course will present the principles of attitude instrument flying using a simulator. The course will cover all instrument procedures used under instrument flight conditions. Fees: \$150.00.*

New Course Description (300 character limit): *Prerequisites: Admission to the degree program requires completion of a Flight Technology Entrance Application, and obtaining a Student Pilot Certificate with an Airman's Medical (1st or 2nd Class). Non-degree seeking students require only a Student Pilot Certificate with 3rd Class Airman's Medical for Private, Instrument, or Commercial training, and no required medical for Part 61 Sport Pilot training. The Part 61 Pilot Flight Lab includes certification training for Sport Pilot, Private Pilot, Commercial Pilot and Instrument Rating in single-engine, or multi-engine airplanes and helicopters, when helicopter training becomes available. It may also be used for Flight Instructor, Instrument Flight Instructor, and Multi-engine Instructor certification. Emphasis throughout the Part 61 Pilot Course is placed on visual and instrument piloting skills and the use of conventional and advanced navigation systems including GPS and digital/electronic display technology. This course is an alternative to FT 239 which is for Part 141 students, and is an option for those students who would prefer to train under Part 61 or who seek a Sport Pilot certificate. This course is repeatable.*

Original Course Outcomes and Proficiencies

What did the student *know*, what could the student *do* at the end of the course, or what *attitudes* related to the subject would the student hold?

Upon successful completion of this course, the student:

- A.
- B.

New Course Outcomes and Proficiencies

What will the student *know* or *be able to do* at the end of the course, or what *attitudes* related to the subject will the student hold?

Upon successful completion of this course, the student will:

Academic and Student Affairs
12/3/15

Assessments Used

What evidence did you gather that students have achieved course outcomes? (assessment tools include departmental tests, written products, portfolios, juried performances, quizzes and exams, or alternative assessments such as qualitative studies, capstone projects, external reviewers, etc.)

How each outcome was assessed:

- A. Performance evaluation.
- B. Performance evaluation, exam

Assessments Planned

What evidence will you have that students have achieved course outcomes? (assessment tools may include departmental tests, written products, portfolios, juried performances, quizzes and exams, or alternative assessments such as qualitative studies, capstone projects, external reviewers, etc.)

How each outcome will be assessed:

A. Students will have completed all minimum flight hours and attained flight skills proficiency required by the State of Oregon and the FAA Part 61 requirements for certification (Private, Instrument, and Commercial) essential for a pilot serving in the air transportation industry.

A. Each specific FAA Part 61 pilot certificate (Private, Instrument, and Commercial) has distinct aeronautical experience (flight hours) and proficiency requirements. Training is conducted according to these requirements both in minimum flight hours and minimum proficiency standards. An FAA written examination and FAA Practical Test (Flight Test) are used to assess aeronautical knowledge and flight proficiency.

Original Course Content by Major Topics

What topics were originally presented? What were the main activities of the course? What were the central themes?

- Original course topics were related to instrument flight training.
- Main activities were simulator flight lessons.
- Central themes were attainment/retainment of instrument flight proficiency.

New Course Content by Major Topics

What topics will be presented? What are the main activities of the course? What are the central themes?

(See sample at <http://www.lanecc.edu/copp>)

Note: Course Content does not differ from FT 239, with the exception that training does not require the use of an FAA-approved Training Course Outline. Training is at the discretion of the instructor and is conducted with the purpose of ensuring the student attains the knowledge and flight proficiency to meet FAA Practical Test Standards (PTS) for the Private, Instrument, or Commercial Pilot Certificate. The main difference between Pt 141 training (FT 239) and Pt 61 training (FT 249) is that under Pt 61 a student may use all previously acquired flight instruction and flight time toward completion of the certificate, while Pt 141 strictly limits the amount of previous training that may be counted towards the completion of the Pt 141 course of training.

Term 1

Week 1 - 6: Student Pilot training preparatory for solo flight.

Week 7 - 10: Student pilot training preparatory for cross-country flight.

Term 2

Week 1 - 5: Student Pilot training and skills development preparatory for certification as a Private Pilot.

Week 6 - 10: Initial advanced pilot training and qualification to be a Pilot-In-command (PIC) of an advanced training airplane.

Term 3

Week 1 - 3: Initial pilot training and qualification to fly as a PIC in a complex airplane.

Week 4 - 6: Multi-engine airplane training and qualification to add a multi-engine rating to a Private Pilot Certificate.

Week 7 - 10: Initial preparation for FAA Commercial Pilot airplane.

Term 4

Week 1 - 5: Advanced commercial pilot skills development.

Week 6 - 10: Basic instrument skills training.

Term 5

Week 1 - 4: Completion of commercial pilot and instrument pilot skills training and FAA certification testing and certification as a Commercial/Instrument Pilot.

Week 6 - 10: Flight Instructor certification training. Flight Instructor Certification, testing/certification.

Term 6

Week 1 - 5: Skills training and preparation for adding an Instrument Flight Instructor rating to the Flight Instructor Certificate.

Week 6 - 10: Skills training and preparation for adding a multi-engine Flight Instructor rating to the Flight Instructor Certificate.

Section 3. Curriculum Equity <http://www.lanecc.edu/copps>

To promote an environment where all learners are encouraged to develop their full potential, this course will support Lane's Curriculum Equity policy in the following way(s)

This course will allow students to transfer all previous earned flight hours towards their Private, Instrument, or Commercial FAA certificates - a particularly important consideration for students with financial limitations or from financially disadvantaged backgrounds.

Section 4. Required Signatures

Library Impact Statement

Under accreditation standards, Library consultation is essential for new programs, new courses and for substantively revised courses when the revisions entail any change in library use.

What assignments will require the use of library and information resources?

* This revision will have no impact on library requirements.

Each academic area has a Liaison Librarian <http://www.lanecc.edu/library/services/liaison.htm> to help faculty identify materials to be ordered to support the curriculum. Make an appointment with the designated librarian to discuss the library needs of your course at least a week ahead of the deadline for submission.

To be completed by Liaison Librarian:

Library resources are adequate to support this proposal.

Additional resources are needed but can be obtained from current funds.

Significant additional Library funds/resources are required to support this proposal.

N/A
Liaison Librarian

Date

Divisional Approvals

Human, Physical, and Financial Resources (select one):

Additional instructional costs (staff, materials, services or facilities) will be incurred to offer this course. Source of funding: No

No additional instructional resources (staff, materials, services or facilities) are needed to offer this course.

Explain: No

Fees (select one):

We have completed a fee request form to be submitted to ASA upon course approval.

No special fees will be required for this course.

Required Certifications:

We have developed minimum course certification standards for this course to be filed with ASA to allow compliance with the faculty contract. ✓

We have completed faculty certification form(s) (<http://www.lanecc.edu/cops/faccertf.pdf>) for this course to be filed with ASA and Human Resources so RIF grid information will be updated.

Divisional Recommendation (select one):

The Academic Dean and Administrative Assistant have reviewed this course proposal and kept a copy for divisional files.

Faculty review of this course was completed within the division on 2/5/16 (date).

New course outlines have been prepared for the Divisional binder containing all current course outlines.

Divisional Recommendation (select one):

Pass

Do Not Pass

Robert M. Smith
Academic Dean

2/5/2016
Date

Stephen B. Smith

2/5/2016
Date

Amy Burke
Office Administrator

2/5/2016
Date

Wynne Widge

2/5/2016

College Approval

Curriculum Committee Chair

Date

Executive Dean for Academic Affairs

Date

Curriculum Approval Committee hearing:

Date

Vice President for Academic & Student Affairs

Date