

FLORIDA STATE COLLEGE AT JACKSONVILLE
COLLEGE CREDIT COURSE OUTLINE

COURSE NUMBER:	ATT 2131
COURSE TITLE:	Certified Flight Instructor Ground School
PREREQUISITE(S):	ATT 1100, ATT 1110 and ATT 1120
COREQUISITE(S):	None
CREDIT HOURS:	3
CONTACT HOURS/WEEK:	3
CONTACT HOUR BREAKDOWN:	
Lecture/Discussion:	3
Laboratory:	
Other _____:	
FACULTY WORKLOAD POINTS:	3
STANDARDIZED CLASS SIZE ALLOCATION:	30
CATALOG COURSE DESCRIPTION:	
<p>This course introduces the student to fundamentals of flight instruction. It includes information on the learning process, effective teaching methods, critique and evaluation, lesson plans, and psychological behavior. The course prepares the student for the FAA Fundamentals of Instructing written test and the Flight Instructor Airplane written examination.</p>	
SUGGESTED TEXT(S):	FAA: Aviation Instructor's Handbook FAA-H-8083-9
IMPLEMENTATION DATE:	Summer Term, 2007 (20073)
REVIEW OR MODIFICATION DATE:	Fall Term, 2008 (20091) - Outline Review 2007

COURSE TOPICS	<u>CONTACT HOURS PER TOPIC</u>
I. The Learning Process	5
II. Human Behavior	3
III. Effective Communication	3
IV. The Teaching Process	3
V. Teaching Methods	5
VI. Critique and Evaluation	5
VII. Instructional Aids and Training Technologies	3
VIII. Instructor Responsibilities and Professionalism	4
IX. Techniques of Flight Instruction	5
X. Planning Instructional Activity	3
XI. Professional Development	3
XII. Examinations	3
Total	45

PROGRAM TITLE: Professional Pilot Technology
 COURSE TITLE: Certified Flight Instructor Ground School
 CIP NUMBER: 0649.010200

LIST PERFORMANCE STANDARD ADDRESSED:

NUMBER(S): TITLES(S):

02.0 DEMONSTRATE AN UNDERSTANDING OF FUNDAMENTALS OF AERONAUTICS—The student will be able to:

- 02.01 Differentiate between aeronautics and aerodynamics.
- 02.02 State and give examples of Newton's three laws of motion.
- 02.03 Name and compare the four forces of flight.
- 02.04 Describe an airfoil.
- 02.05 Tell how lift is produced.

03.0 UNDERSTAND AND EXPLAIN FEDERAL AVIATION ADMINISTRATION PILOT CERTIFICATION PROCEDURES -- The student will be able to:

- 03.01 Explain major portion of Parts 1, 61, 67, 91 of the Federal Aviation Regulations and the reporting procedures of NTSB 830.

09.0 DEMONSTRATE EFFECTIVE COMMUNICATION SKILLS -- The student will be able to:

- 09.01 Write logical and understandable statements, or phrases, to accurately fill out forms/invoices commonly used in business and industry.
- 09.02 Read and understand graphs, charts, diagrams, and tables commonly used in this industry/occupation area.
- 09.03 Read and follow written and oral English instructions.
- 09.04 Answer and ask questions coherently and concisely.
- 09.05 Read critically by recognizing assumptions and implications and by evaluating ideas.
- 09.06 Demonstrate knowledge and use of appropriate computer skills.
- 09.07 Demonstrate interpersonal skills.

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LIST PERFORMANCE STANDARD ADDRESSED:

NUMBER(S): TITLES(S):

12.0 DEMONSTRATE EMPLOYABILITY SKILLS - The student will be able to:

- 12.01 Conduct a job search.
- 12.02 Secure information about a job.
- 12.03 Identify documents which may be required when applying for a job interview.
- 12.04 Complete a job application form correctly.
- 12.05 Demonstrate competence in job interview techniques.
- 12.06 Identify or demonstrate appropriate responses to criticism from employer, supervisor or other employees.
- 12.07 Identify acceptable work habits.
- 12.08 Demonstrate knowledge of how to make appropriate job changes.
- 12.09 Demonstrate acceptable employee health habits.
- 12.10 Demonstrate knowledge of the "Florida Right-To Know Law" as recorded in Florida Statutes Chapter 442.

13.0 DEMONSTRATE AIRCRAFT OPERATIONS - The student will be able to:

- 13.04 Explain Crew Resource Management.
- 13.08 Demonstrate correct decision-making skills.



NOTE: Use either the Tab key or mouse click to move from field to field. The box will expand to accommodate your entry.

<i>Section 1</i>	
COURSE PREFIX AND NUMBER: <u>ATT 2131</u>	SEMESTER CREDIT HOURS: <u>3</u>
COURSE TITLE: <u>Certified Flight Instructor Ground School</u>	

Section 2

TYPE OF COURSE: (Click on the box to check all that apply)

<input type="checkbox"/> AA Elective	<input checked="" type="checkbox"/> AS Required Professional Course	<input type="checkbox"/> College Prep
<input checked="" type="checkbox"/> AS Professional Elective	<input type="checkbox"/> AAS Required Professional Course	<input type="checkbox"/> Technical Certificate
<input type="checkbox"/> Other _____		
<input type="checkbox"/> General Education: (For General Education courses, you must also complete Section 3 and Section 7)		

Section 3 (If applicable)

INDICATE BELOW THE DISCIPLINE AREA FOR GENERAL EDUCATION COURSES:

<input type="checkbox"/> Communication	<input type="checkbox"/> Social & Behavioral Sciences	<input type="checkbox"/> Mathematics
<input type="checkbox"/> Natural Sciences	<input type="checkbox"/> Humanities	

Section 4

INTELLECTUAL COMPETENCIES:

<input checked="" type="checkbox"/> Reading	<input checked="" type="checkbox"/> Speaking	<input checked="" type="checkbox"/> Critical Analysis	<input type="checkbox"/> Quantitative Skills	<input type="checkbox"/> Scientific Method of Inquiry
<input checked="" type="checkbox"/> Writing	<input type="checkbox"/> Listening	<input type="checkbox"/> Information Literacy	<input checked="" type="checkbox"/> Ethical Judgment	<input checked="" type="checkbox"/> Working Collaboratively

	LEARNING OUTCOMES	METHOD OF ASSESSMENT
•	Demonstrate knowledge of the characteristics and principles of learning.	Written testing
•	Demonstrate knowledge of the different levels of learning.	Written testing
•	Demonstrate knowledge of the theories of forgetting, the retention of learning and the transfer of learning.	Written testing
•	Demonstrate an understanding of the various defense mechanisms.	Written testing
•	Demonstrate an understanding of effective communication including the barriers to effective communication.	Written testing
•	Demonstrate an understanding of the different teaching methods.	Oral presentation
•	Demonstrate knowledge of the methods of critique and evaluation of student learning.	Written testing and Oral presentation
•	Demonstrate the various methods of teaching in the aviation environment.	FAA written testing

Section 6

Name of Person Completing This Form: David Dagenais