

CURRICULUM/GEN ED COMMITTEE  
a standing committee of the Education Advisory Committee

Agenda  
January 9, 2008  
Sylvania CC, Conference Rm B

Information Items from the Curriculum Office:  
(These items do not require curriculum committee recommendation)

Experimental Courses:

D 199B – Tap Dance II  
D 299D – Looking at Dance  
BCT 299B – Introduction to Energy Efficient Housing – Building Science  
TE 199 – Exploring Trades & Apprenticeship

Course Inactivations:

BIT 103 – Biotechnology Lab Safety I  
BIT 104 – Special Topics in Biotechnology  
BIT 134 – Media Preparation

New Business

141. INSP 256 – International Mechanical Code 2  
Course Revision – Description, Outcomes
142. INSP 201 – Plans Exam - Commercial  
Course Revision – Outcomes
143. INSP 202 – Plans Exam Residential  
Course Revision – Description, Outcomes
144. INSP 220 – Fire and Life Safety  
Course Revision – Description, Requisites, Outcomes
145. INSP 201 – Plans Exam – Commercial  
Contact/Credit Hour Change
146. RAD 203 – Applied Radiography Topics  
New Course
147. RAD 209 – Advanced Radiographic Procedures  
Contact/Credit Hour Change
148. WR 80 – Writing 80  
Course Revision – Requisites
149. BCT 134 – Construction Scheduling  
Course Revision – Requisites

150. BCT 202- Business Principles for Construction  
Course Revision – Requisites

151. BCT 223 – Finished Stair Construction  
Course Revision – Requisites

152. CJA 113 – Introduction to Criminal Justice Systems – Corrections  
Course Revision – Outcomes

153. CJA 211 – Civil and Ethical Issues for CJ Practitioners  
Course Revision – Title, Description, Outcomes

154. DE 21 – Information Literacy  
New Course

155. AD 153 – Theories of Counseling  
Course Revision – Description, Requisites, Outcomes

156. GRN 236 – Advanced Care Practice  
New Course

157. GRN 235 – Advanced Care Issues  
New Course

158. BI 231 – Human Anatomy & Physiology I  
Course Revision – Outcomes

159. BI 232 – Human Anatomy & Physiology II  
Course Revision – Outcomes

160. BI 233 – Human Anatomy & Physiology III  
Course Revision – Outcomes

161. AVS 107 – Aviation Meteorology  
New Course

162. AVS 241 – Airplane: CFII Ground/Flight  
New Course

163. AVS 242 – Airplane: MEI Ground/Flight  
New Course

164. AVS 115 – Helicopter Private Flight  
Course Revision – Description

165. AVS 125 – Airplane: Private Pilot Flight  
Course Revision – Description

166. AVS 135 – Airplane: Instrument Flight  
Course Revision – Description

167. AVS 155 – Helicopter: Intro Comm Flight  
Course Revision – Description

168. AVS 245 – Airplane: CFII/MEI Flight  
Course Revision – Description

169. AVS 255 – Airplane: Pilot Performance  
Course Revision – Description

170. AVS 265 – Helicopter: CFI Flight  
Course Revision – Description

Curriculum Request Form  
Course Revision

CHANGE: Course Description, Learning Outcomes

Current Course Number: INSP 256

Current Course Title: International Mechanical Code 2

Current Description: Study of the International Mechanical Code, including ventilation systems, cooling, mechanical refrigerating equipment, heat producing appliances, commercial hoods and kitchen ventilation. This course is 30 total contact hours and also worth 60 LU credits to AIA members.

Proposed Description: Study of the International Mechanical Code, including combustion air, chimneys and vents, refrigeration, and specific appliances/systems. This course is 30 total contact hours and also worth 60 LU credits to AIA members. Prerequisite: INSP 255.

Reason for Description Change: To be consistent with the description for INSP 255 and specific code sections covered in this course.

Current Learning Outcomes: Understand the various types of vents and chimneys referenced in the state mechanical code.  
2. Identify special fuel burning systems in buildings  
3. Identify refrigeration systems used in the design and construction of buildings.

Proposed Learning Outcomes: Upon completion of the course, the student should be able to:  
1. Apply problem solving skills in plan review and inspection of systems, appliances and components presented in this course for specific situations.  
2. Ascertain specific product code compliance by applying plan review techniques.  
3. Use communication skills to explain to the public appliance and system components presented in this course.  
4. Use communicates skills to relay code requirements effectively with coworkers and the public through verbal and non-verbal means.

Reason for Learning Outcomes Change: To meet PCC guidelines and coordinate with description.

Will this impact other SACs?,Is No there an impact on other SACs?:

Will this impact other Depts/Campuses?, Is there an impact on another dept or campus?: No

Request Term: winter  
Requested Year: 2008  
Contact Name: Debra Anderson  
Contact E-Mail: [debra.anderson4@pcc.edu](mailto:debra.anderson4@pcc.edu)

Curriculum Request Form  
Course Revision

CHANGE: Learning Outcomes

Current Course Number: INSP 201

Current Learning Outcomes: On completion of this course the student should be able to:

Demonstrate skills in the application of building codes to the design and construction of buildings.  
Determine the basic building requirements for occupancy groups and types of construction.  
Identify structural standards, systems and requirements used in building construction.  
Identify the energy conservation requirements of the State Structural Specialty Code.

Proposed Learning Outcomes: At the completion of this course, based on information provided for a specific project, the student should be able to:

Apply a logical process to plan review in order to: classify use, occupancy group and type of construction; identify non-structural standards, systems and requirements;  
Determine minimum number of plumbing fixtures required; determine fire protection system requirements; and determine compliance with appropriate fire resistive construction requirements.

Write an appropriate correction letter.

Reason for Learning Outcomes Change: Meet PCC guidelines. Clearly identifies and coordinates with employer job expectations.

Will this impact other SACs?,Is there an impact on other SACs?: No

Will this impact other Depts/Campuses?,Is there an impact on another dept or campus?: No

Request Term: spring

Requested Year: 2008

Contact Name: Debra Anderson

Contact E-Mail: [debra.anderson4@pcc.edu](mailto:debra.anderson4@pcc.edu)

Curriculum Request Form  
Course Revision

CHANGE: Course Description, Learning Outcomes

Current Course Number: INSP 202

Current Description: Covers development of procedures in residential plan examination to determine code compliance of building permit applications. Includes residential blueprint reading and code administration. This course is 30 total contact hours and also worth 60 LU credits to AIA. Prerequisites: INSP 151, ARCH 122. Prerequisite/concurrent: ARCH 123.

Proposed Description: Covers development of procedures in residential plan examination to determine code compliance of building permit applications. Includes residential blueprint reading and code administration. This course is 40 total contact hours. Prerequisites: INSP 151, ARCH 122. Prerequisite/concurrent: ARCH 123.

Reason for Description Change: Coordinate course contact hours with credits.

Current Learning Outcomes:

1. Apply knowledge of building codes to the design and construction of buildings.
2. Determine the basic building requirements for occupancy groups and types of construction.
3. Identify structural standards, systems and requirements used in building construction.
4. Identify the energy conservation requirements of the State Structural Specialty Code.

Proposed Learning Outcomes:

1. Apply logical process to plan review.
2. Write an appropriate correction letter.
3. Coordinate appropriate information with other regulatory entities.
4. Based on information provided for a specific project, the student should be able to: apply review techniques to determine plans completeness for intake/review, and applicable non-structural, structural, and energy code requirements.

Reason for Learning Outcomes Change: Meet PCC guidelines.

Will this impact other SACs?, Is there an impact on other SACs?: No

Will this impact other Depts/Campuses?, Is there an impact on another dept or campus? No

Request Term: spring  
Requested Year: 2008

Contact Name: Debra Anderson  
Contact E-Mail: [debra.anderson4@pcc.edu](mailto:debra.anderson4@pcc.edu)



Curriculum Request Form  
Course Revision

CHANGE: Course Description,Requisites,Learning Outcomes

Current Course Number: INSP 220

Current Course Title: Fire and Life Safety

Proposed Course Title: no change

Current Description: This course reviews Oregon Fire and Life Safety standards including building occupancies and exit systems; hazardous materials regulations; and fire protection systems. This course, when taken with commercial building code and commercial plan review classes will provide the background for Oregon Fire and Life Safety Plan Review

Proposed Description: This course addresses Fire and Life Safety requirements in the International Fire and Building codes including building occupancies, exit systems, hazardous materials regulations, site access, water availability, and fire protection systems.  
Prerequisites: INSP 252, INSP 201

Reason for Description Change: To accurately reflect course content for national exam, not Oregon exam and to add prerequisites to adequately prepare students for course content.

Current Learning Outcomes: On completion of this course the student should be able to:

- Understand the use and application of building occupancies.
- Understand the use and application of building exit systems.
- Apply hazardous materials regulations to commercial buildings.
- Understand the use and application of fire protection standards.
- Understand the application of the Oregon Administrative Rules to building codes.

Proposed Learning Outcomes: On completion of this course the student should be able to:

- Identify when a fire and/or building permit is required.
- Apply a review process to determine appropriate code requirements based on specific project information

Determine if fire resistive construction is required per information provided

Identify components of fire resistive construction on plans and in the field

Determine if fire protection systems are required based on information provided

Identify fire protection components on plans and in the field  
Apply plan review techniques to determine compliance for egress

Determine fire access and fire hydrant location requirements for specific projects

Interpret information on hazardous material data sheet as provided by applicant

Identify hazard classification and commodity classification per material provided by applicant

Compose appropriate written correspondence in the form of a correction letter

Reason for Learning Outcomes Change: Meet PCC guidelines.

Current Prerequisites: None

Proposed Prerequisites: INSP 252, INSP 201

Will this impact other SACs?,Is there an impact on other SACs?: No

Will this impact other Depts/Campuses?,Is there an impact on another dept or campus?: No

Request Term: spring

Requested Year: 2008

Contact Name: Debra Anderson

Contact E-Mail: [debra.anderson4@pcc.edu](mailto:debra.anderson4@pcc.edu)

Curriculum Request Form  
Contact/Credit Hour Change

Current Course Number:	INSP 201	
Current Course Title:	Plans Exam - Commercial	
	Current	Proposed
Current Lecture Hours:	30	40
Total Contact Hours:	3	4
Credits:	3	4
Reason for Change:	coordinate with description	
Are outcomes affected?:	NO	
Are degrees/certs affected?:	No	
Is there an impact on other Dept/Campus?:	NO	
Impact on Dept/Campus:		
Is there potential conflict with another SAC?:	NO	
Impact on SACs:		
Implem. Term:	Winter	
Implementation Year,Implem. Year:	2008	
Contact Name:	Debra Anderson	
Contact Email:	<a href="mailto:debra.anderson4@pcc.edu">debra.anderson4@pcc.edu</a>	

Curriculum Request Form  
New Course

Course Number: RAD 203

Course Title: Applied Radiography Topics

Transcript Title: Applied Rad Topics

Lecture Hours: 2

Weekly Contact Hours: 2

Total Credits: 2

Reason for New Course: This course has been developed based on requests by the advisory group and employer surveys. It will also include new material that has been added to the national curriculum.

Course Description: Course examines legal principles in radiography by looking at a variety of topics related to medical/professional ethics. Discussions will include the code of ethics and bioethical issues in radiography. Also covered will be the attitudes and communication knowledge to develop critical thinking skills in patient care. Prerequisites: RAD 140.

Prerequisite(s): RAD 140

Learning Outcomes: Work within the ethical and professional parameters of the radiography profession.

Utilize effective methods of communication for patients of various ages and from diverse backgrounds.

Appreciate the need for continued development of critical-thinking skills for radiography.

Apply applicable federal, state, and local laws and regulations to the radiography environment.

Course Format: On Campus

Other Format:

Are there similar courses existing: NO

Required or Elective: Required

Is there impact on degrees or certificates: NO

Is there an impact on another dept or campus?: NO

Have other SACs been contacted?: NO

Is there an increase in costs for Library or AV Dept?: NO

Implementation Term: Fall

Implementation Year: 2008

Contact Name: Barbara Smith

Contact E-mail: [bsmith@pcc.edu](mailto:bsmith@pcc.edu)

COURSE NUMBER: RAD 203

COURSE TITLE: Applied Radiography Topics

CREDIT HOURS: 2

LECTURE HOURS: 2

LECTURE/LAB HOURS:

LAB HOURS

SPECIAL FEE:

COURSE DESCRIPTION and PREREQUISITES:

This course examines legal principles in radiography by looking at a variety of topics related to medical/professional ethics. Discussions will include the code of ethics and bioethical issues in radiography. Also covered will be the attitudes and communication knowledge to develop critical thinking skills in patient care. Prerequisites include the completion of all first year radiography courses.

ADDENDUM TO COURSE DESCRIPTION:

INTENDED OUTCOMES:

Work within the ethical and professional parameters of the radiography profession.

Utilize effective methods of communication for patients of various ages and from diverse backgrounds.

Appreciate the need for continued development of critical-thinking skills for radiography.

Apply applicable federal, state, and local laws and regulations to the radiography environment.

COURSE ACTIVITIES AND DESIGN:

1. Use lectures and activities to enable students to integrate legal, ethical and other professional principles in the care of radiography patients.
2. Use critical thinking in increasing the effectiveness of communication and patient care during simulated radiography exams.

OUTCOME ASSESSMENT:

1. Answering theoretical and application questions on information covered in the lecture and assignments.
2. Determine how to handle case studies on communication and ethical issues.

3. Cumulative score of 75% on exams and assignments.

COURSE CONTENT (Themes, Concepts, Issues) and SKILLS:

- Ethics and ethical behavior
  - Standards of practice
  - Code of ethics
  - Professional attributes
- Ethical issues in health care
  - Cultural considerations
  - Access to quality health care
  - Individual and societal rights
- Legal issues
  - Parameters of legal responsibility
  - Intentional torts
  - Negligence and malpractice
- Attitudes and communication in patient care
  - Communication across the age continuum
  - Verbal/nonverbal
  - Cultural variations
  - Challenges
  - Death and dying

Curriculum Request Form  
Contact/Credit Hour Change

Current Course Number:	RAD 209	
Current Course Title:	Advanced Radiographic Procedures	
	Current	Proposed
Current Lecture Hours:	4	2
Total Contact Hours:	4	2
Current Credits:	4	2

Reason for Change: Many procedures in this course are not done in general radiography, they are now done in CT and MRI. Reducing this course will allow us to add a new 2 credit course (RAD 203) that has been requested by industry and will include changes that have occurred in the national curriculum.

Are outcomes affected?: NO

Are degrees/certs affected?: No

Is there an impact on other Dept/Campus?: NO

Impact on Dept/Campus:

Is there potential conflict with another SAC?: NO

Impact on SACs:

Implem. Term: Fall

Implementation Year, Implem. Year: 2008

Contact Name: Barbara Smith

Contact Email: [bsmith@pcc.edu](mailto:bsmith@pcc.edu)



Curriculum Request Form  
Course Revision

CHANGE: Requisites

Current Course Number: WR 80

Current Course Title: Writing 80

Current Prerequisites: WR 80 and RD 90

Proposed Prerequisites: Placement into WR 80 and RD 80.

Is there an impact on other SACs?: No

How other SACs may be impacted:  
Is there an impact on another dept or campus?: No

Request Term: winter

Requested Year: 2008

Contact Name: Cecelia Guinee

Contact E-Mail: [cguinee@pcc.edu](mailto:cguinee@pcc.edu)

Curriculum Request Form  
Course Revision

CHANGE:	Requisites
Current Course Number:	BCT 134
Current Course Title:	Construction Scheduling
Current Prerequisites:	None
Proposed Prerequisites:	BCT 104 or Instructor permission
Will this impact other SACs?,Is there an impact on other SACs?:	No
Will this impact other Depts/Campuses?,Is there an impact on another dept or campus?:	No
Request Term:	winter
Requested Year:	2008
Contact Name:	Robert Steele
Contact E-Mail:	<a href="mailto:rsteale@pcc.edu">rsteale@pcc.edu</a>

Curriculum Request Form  
Course Revision

CHANGE: Requisites

Current Course Number: BCT 202

Current Course Title: Business Principles for Construction

Current Prerequisites: Prerequisite: Prior completion of BCT 102 or equivalent required, or instructor permission.

Proposed Prerequisites: None

Will this impact other SACs?,Is there an impact on other SACs?: No

How other SACs may be impacted:  
Will this impact other Depts/Campuses?,Is there an impact on another dept or campus?: No

Request Term: fall

Requested Year: 2008

Contact Name: Robert Steele

Contact E-Mail: [rsteale@pcc.edu](mailto:rsteale@pcc.edu)

Curriculum Request Form  
Course Revision

CHANGE:	Requisites
Current Course Number:	BCT 223
Current Course Title:	Finished Stair Construction
Current Prerequisites:	None.
Proposed Prerequisites:	BCT 106 or Instructor Permission
Will this impact other SACs?,Is there an impact on other SACs?:	No
How other SACs may be impacted:	
Will this impact other Depts/Campuses?,Is there an impact on another dept or campus?:	No
Request Term:	fall
Requested Year:	2008
Contact Name:	Robert Steele
Contact E-Mail:	<a href="mailto:rsteele@pcc.edu">rsteele@pcc.edu</a>

Curriculum Request Form  
Course Revision

CHANGE: Learning Outcomes

Current Course Number: CJA 113

Current Course Title: Intro. to Criminal Justice System – Corrections

Current Learning Outcomes: At the completion of this course, the student will be able to (1) identify the differences between adult and juvenile correctional processes, (2) list the major correctional components within the criminal justice system, (3) describe the goals of corrections, (4) describe the concept of diversion, (5) identify the scope and use of the pre-sentence investigation report, (6) list the alternative sanctions available to the courts during sentencing, (7) describe correctional treatment programs, (8) identify the symptoms of ADHD (Attention Deficit Hyperactive Disorder), (9) describe the impact of mental health clients within the corrections system, (10) describe the needs of geriatric correctional clients, (11) identify the roles of the community within today's corrections system, and (12) discuss and apply the concept of reintegration used by offenders.

Proposed Learning Outcomes: Students who have completed this course will be able to:

1. Conduct basic assessment of needs for inmates including mental health and geriatric clients.
2. Work in a corrections environment with an understanding of basic concepts such as diversion, correctional goals, pre-sentence reports and treatment programs.
3. Assist offenders with building skills to successfully reintegrate into society.

Reason for Learning Outcomes Change: Bring outcomes up to current standards.

Will this impact other SACs?,Is there an impact on other SACs?: No

Will this impact other No

Depts/Campuses?,Is there an impact  
on another dept or campus?:

Request Term: fall  
Requested Year: 2008  
Contact Name: Jim Parks  
Contact E-Mail: [jparks@pcc.edu](mailto:jparks@pcc.edu)

Curriculum Request Form  
Course Revision

CHANGE: Course Title, Course Description, Learning Outcomes

Current Course Number: CJA 211

Current Course Title: Civil and Ethical Issues for CJ Practitioners

Proposed Course Title: Civil Liability and Ethics in Criminal Justice

Proposed Transcript Title: Civil Liability & Ethics in CJ

Reason for Title Change: To more accurately reflect the course content.

Current Description: Explores the conduct and ethics of criminal justice practitioners that give rise to civil liability. Examines both state and federal laws and the state and federal court systems. Prerequisites: CJA 100, 111; WR 121.

Proposed Description: Explores the conduct and ethics of criminal justice practitioners that give rise to civil liability. Particular attention is paid to aspects of risk management to help prevent legal claims.  
Prerequisites: CJA 100, CJA 111 and WR 121 or instructor permission.

Reason for Description Change: To more accurately reflect the course content.

Current Learning Outcomes: 

- 1) Describe the elements of tort liability under negligence, gross negligence and willful negligence theories.
- 2) List and describe at least five procedural differences between Criminal Law and Civil Law.
- 3) Identify at least five areas where police officers may be liable for negligence.
- 4) Identify at least five areas where corrections officers may be liable for negligence.
- 5) Identify at least five areas where state officials and supervisors (as opposed to officers) may be liable for negligence.
- 6) Define the term "democratic ethics" and describe at least five situations where members of the Criminal Justice profession might apply such ethics.
- 7) Describe at least five ways that Criminal Justice personnel might avoid liability for deprivation of an

individual's constitutional rights.

Proposed Learning Outcomes:

1. Analyze situations that may create potential liability for criminal justice employees and their agencies.
2. Evaluate ethical situations and trends in risk management.
3. Consider and examine consequences that could be imposed by the federal government on state agencies failing to adhere to constitutional and civil rights laws.

Reason for Learning Outcomes Change:

Bring CCOG's up to PCC's current guidelines.

Current Prerequisites:

CJA 100, CJA 111 and WR 121 or Instructor Permission

Proposed Prerequisites:

CJA 100, CJA 111 and WR 121 or Instructor Permission

Will this impact other SACs?,Is there an impact on other SACs?:

No

Will this impact other Depts/Campuses?,Is there an impact on another dept or campus?:

No

Request Term:

fall

Requested Year:

2008

Contact Name:

Jim Parks

Contact E-Mail:

[jparks@pcc.edu](mailto:jparks@pcc.edu)



Curriculum Request Form  
New Course

COURSE NUMBER: DE 21

COURSE TITLE: Information Literacy

TRANSCRIPT TITLE: Information Literacy

COURSE CREDITS: 1

LEC CONTACT HRS: 10

SPECIAL FEE: 0

COURSE DESCRIPTION: Introduces students to the skills used to formulate a research query, emphasizing intellectual curiosity, creative thinking, and persistence in information-seeking activities. Students learn and practice research as a multi-step process: identifying an information need and selecting a topic; formulating a question; locating and selecting varied and appropriate print and electronic sources; using critical reading and thinking to evaluate information; and paraphrasing and citing sources. Use of library resources is required, including contacting Reference Librarians for research assistance. This course is offered as a co-requisite to Reading 80.

PREREQUISITES COREQ CONCURRENT: Reading 80

INTENDED OUTCOMES: Recognize that effective information seeking is a process

Identify an information need

Formulate an answerable research question

Effectively use the library's print, electronic, and human resources

Use critical reading and thinking to select, evaluate, and cite sources appropriate for information needs

Use specialized vocabulary related to the research process  
Strengthen intellectual curiosity and creative thinking

**COURSE ACTIVITIES AND DESIGN:**

**OUTCOMES ASSESSMENT STRATEGIES:**

Identification of information need and topic selection  
Question formulation  
Source selection and use of diverse sources  
Distinguishing between internet and electronic library sources  
Evaluation of websites and other sources for credibility  
Comprehension and annotation of sources for key ideas and personal connections  
Persistence in information seeking activities  
Appropriate use of informal citation  
Contact with Reference Librarian  
Research Log  
Applied Capstone  
Vocabulary exit test

**COURSE CONTENT AND SKILLS:**

Identifying an information need  
Reading widely and exploring varied sources in order to refine topic selection  
Forming research questions for academic and/or lifelong learning  
Identifying and selecting appropriate sources for information need  
Evaluating internet and library sources for credibility  
Using sources appropriately  
Developing greater confidence accessing library resources  
Deepening intellectual curiosity and expanding creative thinking

**REASON FOR NEW COURSE:** Co-Requisite with Reading 80

**HOW COURSE WILL BE TAUGHT:**

Campus

**WHERE AND HOW THE COURSE TRANSFER WITHIN  
OUS OF HIGHERED:**

NA

PROOF OF COURSE TRANSFERABLE: NA

GENED STATUS OR CULTURAL DIVERSITY SOUGHT: No

EXPLANATION IF THERE ARE SIMILAR COURSES EXISTING IN OTHER PROGRAMS OR DISCIPLINES AT PCC: NONE

EXPLANATION IF THEY HAVE CONSULTED WITH SAC CHAIRS OF OTHER PROGRAMS REGARDING POTENTIAL IMPACT: Yes, we consulted with the library SAC.

EXPLAIN IF THERE ARE ANY POTENTIAL IMPACT ON ANOTHER DEPARTMENT OR CAMPUS: No

IMPLEMENTED TERM OR YEAR REQUESTED: Spring 2008

SUBMITTER: Theresa Love and Bill Bogart  
FROM: [tlove@pcc.edu](mailto:tlove@pcc.edu)

SAC CHAIR: Theresa Love, Aurora Delval

SAC CHAIR EMAIL: [tlove@pcc.edu](mailto:tlove@pcc.edu)

SAC ADMIN LIASON NAME: Kurt Simonds

SAC ADMIN LIASON EMAIL: [kurt.simonds@pcc.edu](mailto:kurt.simonds@pcc.edu)

Curriculum Request Form  
Course Revision

CHANGE: Course Description, Requisites, Learning Outcomes

Current Course Number: AD 153  
Current Course Title: Theories of Counseling

Current Description: Basic theories of counseling, emphasizing treatment of addiction. Developmental model of recovery is used as a basis for discussion and comparison of the various theories. Prerequisite: AD 101.

Proposed Description: Overview of the basic theory of counseling theories, as they apply to addiction treatment. Examines theoretical perspectives of addiction counseling, as deemed relevant by the National Certification Examination for Addiction Counselors through the Association for Addiction Professionals (NAADAC). Includes the fundamentals of evaluating whether any given practice is considered evidence based. Prerequisite: AD 101, WR 121, WR 122 (WR 122 may be taken concurrently).

Reason for Description Change: Updated to reflect current NADAAC testing

Current Learning Outcomes: Briefly outline the history and practice of counseling. Demonstrate their understanding of the essential elements of each the following:  
Behavioral Theory  
Psychodynamic Theory  
Humanistic/Existential Theory  
Transpersonal/Spiritual Theory  
Family Systems Theory  
Stages of Change Theory  
Interpret the 12 step philosophy from a psychological perspective.

Proposed Learning Outcomes: Students will be able to:  
  
1. describe targeted theories of counseling.  
2. discuss how the various theories can be used within the addictions counseling framework.  
3. examine any given counseling approach in terms of evidence & research

Reason for Learning Outcomes Change: Updated to NADAAC standards

Current Prerequisites: AD 101

Proposed Prerequisites: AD 101, WR 121

Current Prerequisites/Concurrent: None

Proposed Prerequisites/Concurrent: WR 122

Current Corequisites: None

Proposed Corequisites:

Will this impact other SACs?,Is there an impact on other SACs?: No

Will this impact other Depts/Campuses?,Is there an impact on another dept or campus?: No

Request Term: spring

Requested Year: 2008

Contact Name: Florence Spraggins

Contact E-Mail: [fspraggi@pcc.edu](mailto:fspraggi@pcc.edu)

Curriculum Request Form  
New Course

COURSE NUMBER: GRN 236

COURSE TITLE: Advanced Care Practice

TRANSCRIPT TITLE: Advanced Care Practice

COURSE CREDITS: 2

LEC CONTACT HRS: 20

SPECIAL FEE: None

COURSE DESCRIPTION: Takes a case study approach to advanced behavioral and cognitive care issues, based on realistic scenarios in a variety of settings. Includes assessing appropriate long term care options for memory care, problem-solving functional levels and other challenges, managing surveys, responding to deficiencies, problem solving repetitive incident reports, implementing fall prevention programs, and developing family education and support programs.

PREREQUISITES COREQ CONCURRENT: Prerequisite: GRN235

ADDENDUM TO COURSE DESCRIPTION: The course is designed for students with prior experience and training in basic care and dementia care. Students should contact the Gerontology Program for further information on the course and the Advanced Behavioral & Cognitive Care Certificate of Completion.

INTENDED OUTCOMES:

1. Demonstrate effective analysis and problem-solving skills in a variety of scenarios presenting complex advanced behavioral and cognitive care issues.
2. Apply best practices for dealing with challenging cognitive and behavioral issues, following care plans, providing appropriate documentation and working collaboratively with all stakeholders, including multidisciplinary teams, medical and healthcare professionals, family and community members.
3. Adhere to professional and ethical standards relevant to care provision.

COURSE ACTIVITIES AND DESIGN: Course is organized around learning modules that include required reading, lecture, demonstration, resources, discussion, written assignments and other assessments, and

where appropriate, team projects. Course can be offered in-class, online, or in other distributed learning formats.

**OUTCOMES ASSESSMENT STRATEGIES:**

1. Participate in a team to develop a care plan for a hypothetical "new care client," identifying potential behavior and agitation triggers, and concisely describing (both verbally and in report form) the care client's family dynamic as it applies to the care client's care and well-being.
2. Participate in "on-the-spot" crisis management scenarios as an individual and as a member of a care team communicating clearly and kindly while interacting with agitated care clients, emotionally-fraught family and friends, and medical and healthcare professionals.
3. Demonstrate the ability to compromise in working to devise win-win solutions for an individual's care, showing understanding and empathy for the key players when responding to a care client, their spouse or partner, and their adult children.
4. Participate in, and contribute to, all class and team discussions and activities.
5. Write all scheduled case reports and care plans.

**COURSE CONTENT AND SKILLS:**

- Themes:
- Ethical care
  - Dynamics of dementia care
- Concepts:
- Best practices
  - Person-centered care
  - Family dynamics
- Issues:
- Emotions behind combative behaviors
  - Importance of ongoing observation and assessment
  - Subtle signs and symptoms
  - Physical, emotional, and psychological concerns
- Skills:
- Collaborative stakeholder communication
  - Use of humor to calm crises
  - Defusion of agitation
  - Redirection of aggressive behaviors

**COURSE USED TO SUPPLY RI FOR CERTIFICATE:** No

**RI COMPUTATION HRS:** 0

**RI COMPUTATION ACTIVITIES:** N/A

**RI COMMUNICATION HRS:** 0

RI COMMUNICATION ACTIVITIES:	N/A
RI HUMAN RELATIONS HRS:	0
RI HUMAN RELATIONS ACTIVITIES:	N/A
REASON FOR NEW COURSE:	Required for new Advanced Behavioral & Cognitive Care Certification of Completion
HOW COURSE WILL BE TAUGHT:	Campus,Online,Hybrid
REASON FOR OTHER:	Course could be taught in multiple settings, using a range of distributed learning approaches, including work-based training.
EXPLANATION IF THERE ARE DEGREES AND/OR CERTIFICATES THAT ARE AFFECTED BY THE INSTRUCTION OF THIS COURSE:	Course is required for Advanced Behavioral & Cognitive Care Certificate of Completion.  Course is a restricted elective in the 1-Year Gerontology Certificate and in the AAS: Gerontology Degree.
EXPLANATION IF THIS COURSE TRANSFER TO ANY OTHER ACADEMIC INSTITUTION:	Course may transfer to OSU Gerontology (in discussion)
EXPLANATION IF THERE ARE SIMILAR COURSES EXISTING IN OTHER PROGRAMS OR DISCIPLINES AT PCC:	N/A
EXPLANATION IF THEY HAVE CONSULTED WITH SAC CHAIRS OF OTHER PROGRAMS REGARDING POTENTIAL IMPACT:	N/A
EXPLAIN IF THERE ARE ANY POTENTIAL IMPACT ON ANOTHER DEPARTMENT OR CAMPUS:	N/A
IMPLEMENTED TERM OR YEAR REQUESTED:	Fall 2008
SUBMITTER:	Jan Abushakrah
FROM:	jabushak@pcc.edu
SAC CHAIR:	Jan Abushakrah



SAC CHAIR EMAIL: jabushak@pcc.edu  
SAC ADMIN LIASON NAME: Christina Parrott  
SAC ADMIN LIASON EMAIL: ger@pcc.edu

Curriculum Request Form  
New Course

COURSE NUMBER: GRN235

COURSE TITLE: Advanced Care Issues

TRANSCRIPT TITLE: Advanced Care Issues

COURSE CREDITS: 2

LEC CONTACT HRS: 20

SPECIAL FEE: None

COURSE DESCRIPTION: Focuses on issues related to the care of older adults presenting behavioral and cognitive challenges, using a person-centered, person-directed approach. Introduces students to assessment, treatment and care of persons experiencing dementia, problematic mental health conditions, and the dying process.

ADDENDUM TO COURSE DESCRIPTION: Designed for students with prior experience and training in basic care and dementia care. Students should contact the Gerontology Program for further information on the course and the Advanced Behavioral & Cognitive Care Certificate of Completion.

INTENDED OUTCOMES:

- Distinguish normal aging and cognitive processes from cognitive decline and dementing disease, and recognize the impact of problematic mental health issues, the physiology of dying, and other processes on well-being , within a person-centered, culturally sensitive approach to care
- Work effectively with other professionals on assessment, treatment and care for older adults presenting behavioral and cognitive challenges and requiring complex care management
- Balance responsibilities to patients, families, and one's personal well-being within family-care and community-based care settings
- Apply professional and ethical care standards to the care of persons with dementia, severe memory impairment, and other behavioral and cognitive

challenges

COURSE ACTIVITIES AND DESIGN:

Course is organized around learning modules that include required reading, lecture, demonstration, resources, discussion, written assignments and other assessments, and where appropriate, team projects. Course can be offered in-class, online, or in other distributed learning formats.

OUTCOMES ASSESSMENT STRATEGIES:

1. Completion of research-supported papers, assignments and group projects meeting defined standards.
2. Participation in, and contribution to, all class and team discussions and activities.
3. Short concept and essay examinations may also be used.

COURSE CONTENT AND SKILLS:

1. Successful and healthy aging distinguished from cognitive decline and disease processes, in multi-cultural and intergenerational perspective
2. Behavioral, cognitive, and mental health issues
3. The assessment process, assessment resources, and the role of observation
4. Person-centered care on a community-wide, individual, and daily basis
5. Best practices in personal and memory care
6. Care team approaches
7. Family dynamics and issues
8. End of Life (EOL) Care, including the dying process and EOL symptom management
9. Stress and boundary management
10. Professional and ethical care standards

COURSE USED TO SUPPLY RI FOR CERTIFICATE:

No

RI COMPUTATION HRS:

0

RI COMPUTATION ACTIVITIES:

N/A

RI COMMUNICATION HRS:

0

RI COMMUNICATION ACTIVITIES:

N/A

RI HUMAN RELATIONS HRS: 0

RI HUMAN RELATIONS  
ACTIVITIES: N/A

REASON FOR NEW  
COURSE: Course is required for Advanced Behavioral & Cognitive  
Care Certificate of Completion

HOW COURSE WILL BE  
TAUGHT: Campus,Online,Hybrid,Other

REASON FOR OTHER: Course could be taught in multiple settings, using a  
range of distributed learning approaches, including  
work-based training.

EXPLANATION IF THERE  
ARE DEGREES AND/OR  
CERTIFICATES THAT ARE  
AFFECTED BY THE  
INSTRUCTION OF THIS  
COURSE: Required for new Advanced Behavioral & Cognitive  
Care Certification of Completion.

EXPLANATION IF THIS  
COURSE IS A RESTRICTED  
ELECTIVE IN THE 1-YEAR  
GERONTOLOGY  
CERTIFICATE AND IN THE  
AAS: GERONTOLOGY  
DEGREE: Course is a restricted elective in the 1-Year  
Gerontology Certificate and in the AAS: Gerontology  
Degree.

EXPLANATION IF THIS  
COURSE TRANSFER TO ANY  
OTHER ACADEMIC  
INSTITUTION: Course may transfer to OSU Gerontology (in  
discussion).

EXPLANATION IF THERE  
ARE SIMILAR COURSES  
EXISTING IN OTHER  
PROGRAMS OR  
DISCIPLINES AT PCC: N/A

EXPLANATION IF THEY  
HAVE CONSULTED WITH  
SAC CHAIRS OF OTHER  
PROGRAMS REGARDING  
POTENTIAL IMPACT: N/A

EXPLAIN IF THERE ARE ANY N/A  
POTENTIAL IMPACT ON  
ANOTHER DEPARTMENT OR  
CAMPUS:

IMPLEMENTED TERM OR      Fall 2008  
YEAR REQUESTED:

SUBMITTER:                      Jan Abushakrah  
FROM:                              jabushak@pcc.edu  
SAC CHAIR:                      Jan Abushakrah  
SAC CHAIR EMAIL:              jabushak@pcc.edu  
SAC ADMIN LIASON NAME:      Christina Parrott  
SAC ADMIN LIASON EMAIL:      ger@pcc.edu

Curriculum Request Form  
Course Revision

CHANGE: Learning Outcomes

Current Course Number: Bi 231

Current Course Title: Human Anatomy & Physiology I

Current Learning Outcomes:

- 1 Transfer to clinical and academic programs in the allied health sciences, and function competently in these clinical programs
- 2 Work collaboratively within a team to perform experiments that illustrate concepts related to anatomy and physiology.
- 3 Effectively communicate case studies in anatomy and physiology through verbal, written and multimedia means.
- 4 Apply the scientific method when evaluating the validity of information related to anatomy and physiology.
- 5 Apply concepts learned during lecture and laboratory experiences toward successful clinical problem-solving.
- 6 Read, understand, and critically evaluate medical journals, health articles, and other forms of data related to anatomy and physiology.
- 7 Collect clinical and physiological data.
- 8 Understand how the various organ systems are interrelated, and use this understanding to promote a holistic approach towards the evaluation and treatment of patients.

Proposed Learning Outcomes: Biology 231 Intended Outcomes

1. Function competently in subsequent clinical and academic programs in the allied health sciences.
2. Work collaboratively within a team of other health care professionals
3. Effectively communicate case studies in anatomy and physiology through verbal, written and multimedia means.
4. Apply concepts and knowledge of general terminology, cell structure and function and gross anatomy, physiology, histology and terminology related to the integumentary,

muscular and skeletal systems, and nervous histology toward successful clinical problem-solving.

5. Read, understand, and critically evaluate medical journals, health articles, and other forms of information related to anatomy and physiology.

6. Use experience gained in the collection of clinical and physiological parameters to interpret patient data.

7. Use an understanding of how the various organ systems are interrelated to promote a holistic approach towards the evaluation and treatment of patients.

Reason for Learning Outcomes Change: Clarify and update curriculum.

Will this impact other SACs?,Is there an impact on other SACs?: No

Will this impact other Depts/Campuses?,Is there an impact on another dept or campus?: No

Request Term: summer  
Requested Year: 2008  
Contact Name: Dieterich Steinmetz  
Contact E-Mail: [dsteinme@pcc.edu](mailto:dsteinme@pcc.edu)

Curriculum Request Form  
Course Revision

CHANGE: Learning Outcomes

Current Course Number: Bi 232

Current Course Title: Human Anatomy & Physiology II

Current Learning Outcomes:

1. Transfer to clinical and academic programs in the allied health sciences, and function competently in these clinical programs.
2. Work collaboratively within a team to perform experiments that illustrate concepts related to anatomy and physiology.
3. Effectively communicate case studies in anatomy and physiology through verbal, written and multimedia means.
4. Apply the scientific method when evaluating the validity of information related to anatomy and physiology.
5. Apply concepts learned during lecture and laboratory experiences toward successful clinical problem solving.
6. Read, understand, and critically evaluate medical journals, health articles, and other forms of data related to anatomy and physiology.
7. Collect clinical and physiological data.
8. Understand how the various organ systems are interrelated, and use this understanding to promote a holistic approach towards the evaluation and treatment of patients.

Proposed Learning Outcomes: Biology 232 Intended Outcomes

1. Function competently in subsequent clinical and academic programs in the allied health sciences.
2. Work collaboratively within a team of other health care professionals
3. Effectively communicate case studies in anatomy and physiology through verbal, written and multimedia means.
4. Apply concepts and knowledge of Gross anatomy,



physiology, histology and terminology related to the nervous, endocrine, sensory, cardiovascular systems, nonspecific disease resistance and acquired immunity toward successful clinical problem-solving.

5. Read, understand, and critically evaluate medical journals, health articles, and other forms of information related to anatomy and physiology.

6. Use experience gained in the collection of clinical and physiological parameters to interpret patient data.

7. Use an understanding of how the various organ systems are interrelated to promote a holistic approach towards the evaluation and treatment of patients.

Reason for Learning Outcomes Change: Clarify and update curriculum.

Will this impact other SACs?,Is there an impact on other SACs?: No

Will this impact other Depts/Campuses?,Is there an impact on another dept or campus?: No

Request Term: summer  
Requested Year: 2008  
Contact Name: Dieterich Steinmetz  
Contact E-Mail: [dsteinme@pcc.edu](mailto:dsteinme@pcc.edu)

Curriculum Request Form  
Course Revision

CHANGE: Learning Outcomes

Current Course Number: Bi 233

Current Course Title: Human Anatomy & Physiology III

Current Learning Outcomes:

1. Transfer to clinical and academic programs in the allied health sciences, and function competently in these clinical programs.
2. Work collaboratively within a team to perform experiments that illustrate concepts related to anatomy and physiology.
3. Effectively communicate case studies in anatomy and physiology through verbal, written and multimedia means.
4. Apply the scientific method when evaluating the validity of information related to anatomy and physiology.
5. Apply concepts learned during lecture and laboratory experiences toward successful clinical problem solving.
6. Read, understand, and critically evaluate medical journals, health articles, and other forms of data related to anatomy and physiology.
7. Collect clinical and physiological data.
8. Understand how the various organ systems are interrelated, and use this understanding to promote a holistic approach towards the evaluation and treatment of patients.

Proposed Learning Outcomes: Biology 233 Intended Outcomes

1. Function competently in subsequent clinical and academic programs in the allied health sciences.
2. Work collaboratively within a team of other health care professionals
3. Effectively communicate case studies in anatomy and physiology through verbal, written and multimedia means.

4. Apply concepts and knowledge of gross anatomy, physiology, histology and terminology related to the respiratory, digestive, urinary and reproductive systems, fluid electrolyte and acid/base balance toward successful clinical problem-solving.

5. Read, understand, and critically evaluate medical journals, health articles, and other forms of information related to anatomy and physiology.

6. Use experience gained in the collection of clinical and physiological parameters to interpret patient data.

7. Use an understanding of how the various organ systems are interrelated to promote a holistic approach towards the evaluation and treatment of patients.

Reason for Learning Outcomes Change: Clarify and update curriculum.

Will this impact other SACs?,Is there an impact on other SACs?: No

Will this impact other Depts/Campuses?,Is there an impact on another dept or campus?: No

Request Term: summer

Requested Year: 2008

Contact Name: Dieterich Steinmetz

Contact E-Mail: [dsteinme@pcc.edu](mailto:dsteinme@pcc.edu)

Curriculum Request Form  
New Course

Course Number: AVS 107

Course Title: Aviation Meteorology

Transcript Title: Aviation Meteorology

Lecture Hours: 40

Load Total: 0.272

Weekly Contact Hours: 4

Total Credits: 4

Reason for New Course: Based on feedback from students, current meteorology course (GS 109) does not contain enough aviation-specific content. New course would focus on aviation-specific reports & forecasts, and applying meteorology to aviation themes. Students would still have the flexibility to take EITHER (GS 109) OR (AVS 107), to satisfy requirements of the AAS: AVS degree.

Course Description: Covers characteristics of our atmosphere, air pressure and winds, atmospheric moisture, large air masses, violent storms and hazards of flight, the effect of oceans on weather, and climates; emphasis on applications to aviation. Covers aviation weather products and forecasts, including pre-flight and in-flight weather services and go/no-go decision-making.

Prerequisite(s): None

Prereq/Concurrent: None

Corequisite(s): None

Learning Outcomes: Upon completion of this course, students will be able to:

- Explain and compare the various types of weather phenomena and hazards to flight that occur in all levels of the atmosphere.
- Identify resources for obtaining pre-flight and in-flight weather information, and explain how to interpret.
- Gather all available weather information about a particular flight and make a go/no-go decision.

Course Format: On Campus

Are there similar courses existing: YES

Description of existing courses:	PCC offers GS 109 ("Physical Science: Meteorology," 4 credits).
Required or Elective:	Required
Is there impact on degrees or certificates:	YES
Description of impact on deg/cert:	AAS: AVS degree currently requires completion of GS 109 (Meteorology, 4 cr.). Students would be able to take EITHER AVS 107 (Aviation Meteorology) OR GS 109 (Physical Science: Meteorology) to satisfy requirements of the AAS: AVS degree.
Is there an impact on another dept or campus?:	NO
Description of impact on dept/campus:	Except in the AAS: AVS degree, AVS 107 would not count as GS 109, for purposes of satisfying any other degree requirements.
Have other SACs been contacted?:	NO
Is there an increase in costs for Library or AV Dept?:	NO
Implementation Term:	Spring
Implementation Year:	2008
Contact Name:	Katie Leonard
Contact E-mail:	<a href="mailto:keleonar@pcc.edu">keleonar@pcc.edu</a>

## Course Content and Outcome Guide (CCOG)

<b>Course Number:</b>	AVS 107
<b>Course Title:</b>	Aviation Meteorology
<b>Credit Hours:</b>	4
<b>Lecture Hours:</b>	40
<b>Lecture/Lab Hours:</b>	0
<b>Lab Hours:</b>	0
<b>Special Fee:</b>	\$0

### Course Description:

Covers characteristics of our atmosphere, air pressure and winds, atmospheric moisture, large air masses, violent storms and hazards of flight, and climates; emphasis on applications to aviation. Covers aviation weather products and forecasts, including pre-flight and in-flight weather services and go/no-go decision-making.

### Addendum to Course Description:

The purpose of this course is to develop an understanding of our atmosphere, weather, and climate, with emphasis on aviation perspectives and applications.

The course may include: lectures / discussions, research activities, videos, CDs, analysis of current weather conditions and reports,

This includes the topics of relativity, the geologic time scale, evolution of the Earth and its atmosphere, the solar system, the galaxy and the universe.

Regarding the teaching of basic geologic principles (such as geologic time and the theory of evolution), the Portland Community College Aviation Science Department concurs with the Geology Department and stands by the following statements about what is science.

- Science is a fundamentally non-dogmatic and self-correcting investigatory process. A scientific theory is neither a guess, dogma, nor myth. The theories developed through scientific investigation are not decided in advance, but can be and often are modified and revised through observation and experimentation.
- "Creation science," also known as scientific creationism, is not considered a legitimate science, but a form of religious advocacy. This position is established by legal precedence (Webster v. New Lenox School District #122, 917 F.2d 1004).
- Aviation Science instructors at Portland Community College will teach the generally accepted basic geologic principles (such as geologic time and the theory of evolution) not as absolute truth, but as the most widely accepted explanation for our observations of the world around us. Instructors will not teach that "creation science" is anything other than pseudoscience.
- Because "creation science", "scientific creationism", and "intelligent design" are essentially religious doctrines that are at odds with open scientific inquiry, the Aviation Science SAC at Portland Community College stands with such organizations such as the National Association of Geoscience Teachers, the American Geophysical Union, the Geological Society of America, and the American Geological Institute in excluding these doctrines from our science curriculum.

Students are expected to be able to read and comprehend college-level science texts and perform basic mathematical operations to successfully complete this course.

### **Intended Outcomes for the course:**

Upon successful completion of this course, the student should be able to:

- Explain and compare the various types of weather phenomena and hazards to flight that occur in all levels of the atmosphere.
- Identify resources for obtaining pre-flight and in-flight weather information, and explain how to interpret them.
- Gather all available weather information about a particular flight and make a go/no-go decision.

### **Outcome Assessment Strategies:**

The instructor will choose from the following methods of assessment: exams, quizzes, lab exercises, written reports, oral presentations, group projects, class participation, homework assignments, and field trips. The instructor shall detail the methods to be used to the students at the beginning of the course.

### **Course Content (Themes, Concepts, Issues and Skills)**

The remaining pages of this Course Content and Outcome Guide present the competencies, skills, concepts and themes which are designed to result in the outcomes listed above. Course Content and Outcome Guides are prepared by the Aviation Science Subject Area Curriculum Committee and approved by College management.

- Discuss the structure and dynamics of the earth's atmosphere.
- Discuss the basic physical principles of energy
- Explain how solar and gravitational energy drive weather
- Describe the different facets of the hydrologic cycle and atmospheric circulation
- Outline the details of weather observation
- Discuss weather systems and major theories used to explain and predict the behavior of these systems
- Outline the details of weather forecasting, including aviation weather products and how to interpret
- Discuss climate, climate zones, and the factors that shape them
- Explain how and why climate changes
- Discuss humans impact weather and climate change
- Other topics as desired by the instructor.

Curriculum Request Form  
New Course

Course Number: AVS 241

Course Title: Airplane: CFII Ground/Flight

Transcript Title: Airplane: CFII Ground/Flight

Lecture Hours: 30

Load Total: 0.204

Weekly Contact Hours: 3

Total Credits: 3

Reason for New Course: Currently, CFII/MEI ground are combined into one course (AVS 240, 3 cr., which has never been offered), and CFII/MEI flight are combined into one course (AVS 245, 2 cr.). Based on feedback from students, combining CFII ground & flight into one 3-credit course (AVS 241), and MEI ground & flight into one 2-credit course (AVS 242, proposed concurrently with this change), would allow them to complete their training in a more timely manner and give them more flexibility in completing the degree.

Course Description: Includes subject areas for an Instrument Airplane rating on a Flight Instructor certificate. Presents sufficient knowledge to prepare for the Certified Flight Instructor - Instrument knowledge test. Prepares student to obtain the aeronautical skill and knowledge necessary to apply for the FAA Flight Instructor - Instrument practical test. For current flight fees contact the Aviation Science office at (503) 614-7256. Prerequisites: AVS 230, AVS 235, and FAA Commercial Pilot Certificate with Instrument, CFI ratings.

Prerequisite(s): AVS 230, AVS 235, FAA Commercial Pilot Certificate with Instrument Rating; CFI certificate

Prereq/Concurrent: None

Corequisite(s): None

Learning Outcomes: Upon successful completion of this course the student should be able to:  
- Schedule, take and pass the FAA CFII knowledge test.



- Plan and teach a lesson about Instrument pilot knowledge areas.
- Apply for and take the FAA CFII practical test.

Course Format: On Campus

Are there similar courses existing: YES

Description of existing courses: Currently, AVS 240 (CFII/MEI Ground) and AVS 245 (CFII/MEI Flight) cover the areas proposed by these changes (AVS 241 and 242). Students would choose EITHER (AVS 240 & 245) OR (AVS 241 & 242), giving them more flexibility in completing their degree.

Required or Elective: Required

Is there impact on degrees or certificates: YES

Description of impact on deg/cert: AAS: AVS - Airplane degree with Certified Flight Instructor specialization requires completion of AVS 240 & 245. Degree would change to require EITHER (AVS 240 & 245) OR (AVS 241 & 242).

Is there an impact on another dept or campus?: NO

Have other SACs been contacted?: NO

Is there an increase in costs for Library or AV Dept?: NO

Implementation Term: Fall  
Implementation Year: 2008

Contact Name: Katie Leonard  
Contact E-mail: [keleonar@pcc.edu](mailto:keleonar@pcc.edu)

## Course Content and Outcome Guide (CCOG)

<b>Course Number:</b>	AVS 241
<b>Course Title:</b>	Airplane: CFII Ground/Flight
<b>Credit Hours:</b>	3
<b>Lecture Hours:</b>	20
<b>Lecture/Lab Hours:</b>	0
<b>Lab Hours:</b>	20
<b>Special Fee:</b>	\$0

### **Course Description:**

Includes subject areas for an Instrument Airplane rating on a Flight Instructor certificate. Presents sufficient knowledge to prepare for the Certified Flight Instructor - Instrument knowledge test. Prepares student to obtain the aeronautical skill and knowledge necessary to apply for the FAA Flight Instructor - Instrument practical test. For current flight fees contact the Aviation Science office at (503) 614-7256. Prerequisites: AVS 230, AVS 235, and FAA Commercial Pilot Certificate with Instrument, CFI ratings.

### **Addendum to Course Description:**

The Flight Instructor - Instrument course is designed to teach the aeronautical knowledge areas necessary to take the Flight Instructor - Instrument knowledge test and provide preparation towards the CFII practical test. Lectures, discussions, videos, handouts, and written tests will provide the student with the information needed to accomplish this. Class participants will be expected to invest time outside of class to master the course content. Material missed by students during an allowed absence will be made available to them as selected by the instructor and the applicable FAR requirements.

### **Intended Outcomes for the course:**

Upon successful completion of this course the student should be able to:

- Schedule, take and pass the FAA CFII knowledge test.
- Plan and teach a lesson about instrument pilot knowledge areas.
- Apply for and take the FAA CFII practical test.

### **Outcome Assessment Strategies:**

At the beginning of the course, the instructor will explain the methods used to evaluate and record student progress, and the criteria for assigning a course grade. The instructor will initiate a progress folder for each student, issue an enrollment certificate to each student, log each ground lesson in the student's progress folder and issue graduation certificates upon successful completion of the course. Evaluation methods may include one or more of the following: Tests and quizzes, attendance, participation, class assignments, and class projects. The instructor will immediately grade each stage exam and final exam, and if

necessary, have students complete a review and retake of the exam, until a minimum score of 80% is achieved. The instructor will issue a 141 disenrollment notice to any student who fails to meet the progress requirements. Students so affected must consult with the instructor concerning options available.

### **Course Content (Themes, Concepts, Issues and Skills)**

The remaining pages of this Course Content and Outcome Guide present the competencies, skills, concepts and themes which are designed to result in the outcomes listed above. Course Content and Outcome Guides are prepared by the Aviation Science Subject Area Curriculum Committee and approved by College management.

Aeronautical knowledge training will be provided in the following areas for this course as outlined in FAR 61.185 (a) (3) and FAR 141 appendix G (3) (b) (2) covering instrument pilot knowledge:

- Applicable Federal Aviation Regulations for IFR flight operations;
- Appropriate information in the "Aeronautical Information Manual";
- Air traffic control system and procedures for instrument flight operations;
- IFR navigation and approaches by use of navigation systems;
- Use of IFR en route and instrument approach procedure charts;
- Procurement and use of aviation weather reports and forecasts, and the elements of forecasting weather trends on the basis of that information and personal observation of weather conditions;
- Safe and efficient operation of aircraft under instrument flight rules and conditions;
- Recognition of critical weather situations and wind shear avoidance;
- Aeronautical decision making and judgment; and
- Crew resource management, to include crew communication and coordination.

Curriculum Request Form  
New Course

Course Number: AVS 242

Course Title: Airplane: MEI Ground/Flight

Transcript Title: Airplane: MEI Ground/Flight

Lecture Hours: 20

Weekly Contact Hours: 2

Total Credits: 2

Reason for New Course: Currently, CFII/MEI ground are combined into one course (AVS 240, 3 cr., which has never been offered), and CFII/MEI flight are combined into one course (AVS 245, 2 cr.). Based on feedback from students, combining CFII ground & flight into one 3-credit course (AVS 241, proposed concurrently with this change), and MEI ground & flight into one 2-credit course (AVS 242), would allow them to complete their training in a more timely manner and give them more flexibility in completing the degree.

Course Description: Includes subject areas for a Multi-Engine Airplane rating on a Flight Instructor certificate. Prepares student to obtain the aeronautical skill and knowledge necessary to apply for the FAA Flight Instructor - Multi-Engine practical test. For current flight fees contact the Aviation Science office at (503) 614-7256. Prerequisites: AVS 230, AVS 235, and FAA Commercial Pilot Certificate with Instrument, CFI ratings.

Prerequisite(s): AVS 230, AVS 235, FAA Commercial Pilot Certificate with Instrument Rating; CFI certificate

Prereq/Concurrent: None

Corequisite(s): None

Learning Outcomes: Upon successful completion of this course the student should be able to:

- Plan and teach a lesson about Multi-Engine pilot knowledge areas.
- Apply for and take the FAA CFI - Multi-Engine practical

test.

Course Format: On Campus

Other Format:

Are there similar courses existing: YES

Description of existing courses: Currently, AVS 240 (CFII/MEI Ground) and AVS 245 (CFII/MEI Flight) cover the areas proposed by these changes (AVS 241 and 242). Students would choose EITHER (AVS 240 & 245) OR (AVS 241 & 242), giving them more flexibility in completing their degree.

Required or Elective: Required

Is there impact on degrees or certificates: YES

Description of impact on deg/cert: AAS: AVS - Airplane degree with Certified Flight Instructor specialization requires completion of AVS 240 & 245. Degree would change to require EITHER (AVS 240 & 245) OR (AVS 241 & 242).

Is there an impact on another dept or campus?: NO

Have other SACs been contacted?: NO

Description of Contact:

Is there an increase in costs for Library or AV Dept?: NO

Description of Library/AV impact:

Implementation Term: Fall

Implementation Year: 2008

Contact Name: Katie Leonard

Contact E-mail: [keleonar@pcc.edu](mailto:keleonar@pcc.edu)

## Course Content and Outcome Guide (CCOG)

<b>Course Number:</b>	AVS 242
<b>Course Title:</b>	Airplane: MEI Ground/Flight
<b>Credit Hours:</b>	2
<b>Lecture Hours:</b>	10
<b>Lecture/Lab Hours:</b>	0
<b>Lab Hours:</b>	20
<b>Special Fee:</b>	\$0

### **Course Description:**

Includes subject areas for a Multi-Engine Airplane rating on a Flight Instructor certificate. Prepares student to obtain the aeronautical skill and knowledge necessary to apply for the FAA Flight Instructor - Multi-Engine practical test. For current flight fees contact the Aviation Science office at (503) 614-7256.

Prerequisites: AVS 230, AVS 235, and FAA Commercial Pilot Certificate with Instrument, CFI ratings.

### **Addendum to Course Description:**

The Flight Instructor - Multi-Engine course is designed to teach the aeronautical knowledge areas related to multi-engine instruction and provide preparation towards the MEI practical test. Lectures, discussions, videos, handouts, and written tests will provide the student with the information needed to accomplish this. Class participants will be expected to invest time outside of class to master the course content. Material missed by students during an allowed absence will be made available to them as selected by the instructor and the applicable FAR requirements.

### **Intended Outcomes for the course:**

Upon successful completion of this course the student should be able to:

- Plan and teach a lesson about Multi-Engine pilot knowledge areas.
- Apply for and take the FAA MEI practical test.

### **Outcome Assessment Strategies:**

At the beginning of the course, the instructor will explain the methods used to evaluate and record student progress, and the criteria for assigning a course grade. The instructor will initiate a progress folder for each student, issue an enrollment certificate to each student, log each ground lesson in the student's progress folder and issue graduation certificates upon successful completion of the course. Evaluation methods may include one or more of the following: Tests and quizzes, attendance, participation, class assignments, and class projects. The instructor will immediately grade each stage exam and final exam, and if necessary, have students complete a review and retake of the exam, until a minimum score of 80% is achieved. The instructor will issue a 141 disenrollment

notice to any student who fails to meet the progress requirements. Students so affected must consult with the instructor concerning options available.

### **Course Content (Themes, Concepts, Issues and Skills)**

The remaining pages of this Course Content and Outcome Guide present the competencies, skills, concepts and themes which are designed to result in the outcomes listed above. Course Content and Outcome Guides are prepared by the Aviation Science Subject Area Curriculum Committee and approved by College management.

Aeronautical knowledge training will be provided in the following areas for this course as outlined in FAR 61.185 (a) (2) and FAR 141 appendix F (3) (b) (2) (i) covering multi-engine pilot knowledge:

- Basic aerodynamics and the principles of flight;
- Safe and efficient operation of aircraft;
- Weight and balance computations;
- Use of performance charts;
- Significance and effects of exceeding aircraft performance limitations;
- Aeronautical decision making and judgment;
- Principles and functions of aircraft systems;
- Maneuvers, procedures, and emergency operations appropriate to the aircraft; and
- Multi-engine operations.

Curriculum Request Form  
Course Revision

CHANGE: Course Description

Current Course Number: AVS 115

Proposed Course Number:  
Current Course Title: Helicopter Private Flight

Current Description: Familiarizes student with the operation of helicopters. Fundamentals of flight, emergency procedures, air traffic control and operational procedures are explored. Approximately 50 hours of flight training prepare student for the FAA Private Pilot Rotorcraft Helicopter practical test. Pre and post flight ground instruction is included. For current flight fees, contact the Aviation Science office at 503-614-7256. Corequisite: AVS 110.

Proposed Description: Familiarizes student with the operation of helicopters. Fundamentals of flight, emergency procedures, air traffic control and operational procedures are explored. Prepares student for the FAA Private Pilot Rotorcraft Helicopter practical test. For current flight fees, contact the Aviation Science office at 503-614-7256. Corequisite: AVS 110.

Reason for Description Change: Based on feedback from incoming students, current course description gives the impression that flight time and pre-/post-flight ground is included at no extra cost. Removing references to specific number of flight hours will reduce confusion.

Will this impact other SACs?,Is there an impact on other SACs?: No

Will this impact other Depts/Campuses?,Is there an impact on another dept or campus?: No

Request Term: fall

Requested Year: 2008

Contact Name: Katie Leonard

Contact E-Mail: [keleonar@pcc.edu](mailto:keleonar@pcc.edu)



Curriculum Request Form  
Course Revision

CHANGE: Course Description

Current Course Number: AVS 125

Current Course Title: Airplane: Private Pilot Flight

Current Description: Familiarizes student with operation of single engine aircraft. Fundamentals of flight, air traffic control and operational procedures are explored. Approximately 50 hours of flight training prepare the student for the FAA Private Pilot practical test. Pre- and post-flight ground instruction and video review included. For current flight fees contact the Aviation Science office at (503) 614-7256. Corequisite: AVS 120.

Proposed Description: Familiarizes student with operation of single engine aircraft. Fundamentals of flight, air traffic control and operational procedures are explored. Prepares student for the FAA Private Pilot Airplane practical test. For current flight fees contact the Aviation Science office at (503) 614-7256. Corequisite: AVS 120.

Reason for Description Change: Based on feedback from incoming students, current course description gives the impression that flight time and pre-/post-flight ground is included at no extra cost. Removing references to specific number of flight hours will reduce confusion.

Will this impact other SACs?,Is there an impact on other SACs?:

Will this impact other Depts/Campuses?,Is there an impact on another dept or campus?: No

Request Term: fall

Requested Year: 2008

Contact Name: Katie Leonard

Contact E-Mail: [keleonar@pcc.edu](mailto:keleonar@pcc.edu)

Curriculum Request Form  
Course Revision

CHANGE: Course Description

Current Course Number: AVS 135

Current Course Title: Airplane: Instrument Flight

Current Description: Receive training in instrument flight operations. Approximately 48 hours of flight time (including flight training device) prepare student for the FAA instrument rating practical test. For current flight fees contact the Aviation Science office at (503) 614-7256. Prerequisite: AVS 125 and FAA Private Pilot Certificate. Corequisite: AVS 130.

Proposed Description: Receive training in instrument flight operations. Prepares student for the FAA Instrument Rating - Airplane practical test. For current flight fees contact the Aviation Science office at (503) 614-7256. Prerequisite: AVS 125 and FAA Private Pilot Certificate. Corequisite: AVS 130.

Reason for Description Change: Based on feedback from incoming students, current course description gives the impression that flight time and flight training device time is included at no extra cost. Removing references to specific number of flight hours will reduce confusion.

Will this impact other SACs?,Is there an impact on other SACs?: No

Will this impact other Depts/Campuses?,Is there an impact on another dept or campus?: No

Request Term: fall

Requested Year: 2008

Contact Name: Katie Leonard

Contact E-Mail: [keleonar@pcc.edu](mailto:keleonar@pcc.edu)

Curriculum Request Form  
Course Revision

CHANGE: Course Description

Current Course Number: AVS 155

Current Course Title: Helicopter: Intro Comm Flight

Current Description: Begins the commercial pilot training activities and includes approximately 55 hours of flight time. Cross-country flight procedures and emergency maneuvers are the focus. Students must hold a private pilot certificate prior to enrollment. For current flight fees contact the Aviation Science office at 503-614-7256.

Proposed Description: Begins the commercial pilot training activities. Cross-country flight procedures and emergency maneuvers are the focus. Students must hold a private pilot certificate prior to enrollment. For current flight fees contact the Aviation Science office at 503-614-7256.

Reason for Description Change: Based on feedback from incoming students, current course description gives the impression that flight time is included at no extra cost. Removing references to specific number of flight hours will reduce confusion.

Will this impact other SACs?,Is there an impact on other SACs?: No

Will this impact other Depts/Campuses?,Is there an impact on another dept or campus?: No

Request Term: fall

Requested Year: 2008

Contact Name: Katie Leonard

Contact E-Mail: [keleonar@pcc.edu](mailto:keleonar@pcc.edu)

Curriculum Request Form  
Course Revision

CHANGE: Course Description

Current Course Number: AVS 245

Current Course Title: Airplane: CFII/MEI Flight

Current Description: Instruction, flight training and practice teaching that will allow the student to obtain the aeronautical skill and knowledge necessary to apply for the FAA Flight Instructor Instrument and Multi-Engine practical test. Includes 40 hours of dual instruction. For current flight fees contact the Aviation Science office at (503) 614-7256. Prerequisites: AVS 235 and FAA Commercial Pilot Certificate with Instrument, CFI ratings. Corequisite: AVS 240.

Proposed Description: Instruction, flight training and practice teaching that will allow the student to obtain the aeronautical skill and knowledge necessary to apply for the FAA Flight Instructor Instrument and Multi-Engine practical test. For current flight fees contact the Aviation Science office at (503) 614-7256. Prerequisites: AVS 235 and FAA Commercial Pilot Certificate with Instrument, CFI ratings. Corequisite: AVS 240.

Reason for Description Change: Based on feedback from incoming students, current course description gives the impression that flight time is included at no extra cost. Removing references to specific number of flight hours will reduce confusion.

Will this impact other SACs?,Is there an impact on other SACs?: No

Will this impact other Depts/Campuses?,Is there an impact on another dept or campus?: No

Request Term: fall

Requested Year: 2008

Contact Name: Katie Leonard

Contact E-Mail: [keleonar@pcc.edu](mailto:keleonar@pcc.edu)

CHANGE:	Course Description
Current Course Number:	AVS 255
Current Course Title:	Airplane: Pilot Performance
Current Description:	Designed to expose students to Cockpit Resource Management. Focuses on workload management and check list usage. Includes 10 hours of dual flight instruction. For current fees, contact the Aviation Science office at (503) 614-7256. Prerequisites: AVS 225 and FAA Commercial Pilot Certificate with Instrument rating.
Proposed Description:	Designed to expose students to Cockpit Resource Management. Focuses on workload management and checklist usage. For current fees, contact the Aviation Science office at (503) 614-7256. Prerequisites: AVS 225 and FAA Commercial Pilot Certificate with Multi-engine Land and Instrument rating.
Reason for Description Change:	Based on feedback from incoming students, current course description gives the impression that flight time is included at no extra cost. Removing references to specific number of flight hours will reduce confusion.
Will this impact other SACs?,Is there an impact on other SACs?:	No
Will this impact other Depts/Campuses?,Is there an impact on another dept or campus?:	No
Request Term:	fall
Requested Year:	2008
Contact Name:	Katie Leonard
Contact E-Mail:	<a href="mailto:keleonar@pcc.edu">keleonar@pcc.edu</a>

Curriculum Request Form  
Course Revision

CHANGE: Course Description

Current Course Number: AVS 265

Current Course Title: Helicopter: CFI Flight

Current Description: Student receives 25 hours of flight training including instructor seat flying through all commercial helicopter maneuvers. For current flight fees contact the Aviation Science office at 503-614-7256.

Proposed Description: Provides a structured environment to learn to fly the helicopter from the instructor's seat. Learn to explain, demonstrate and to assess flight performance. Prepares students for the FAA Flight Instructor practical test. For current flight fees contact the Aviation Science office at 503-614-7256.

Reason for Description Change: Based on feedback from incoming students, current course description gives the impression that flight time is included at no extra cost. Removing references to specific number of flight hours will reduce confusion.

Will this impact other SACs?,Is there an impact on other SACs?: No

Will this impact other Depts/Campuses?,Is there an impact on another dept or campus?: No

Request Term: fall

Requested Year: 2008

Contact Name: Katie Leonard

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