Degrees and Certificates Agenda
January 11, 2012
Sylvania Conference A
2pm to 4pm

Old Business:

Review December 2011 Minutes

New Business:

EAC Chair Report

ASOT-Business (See Appendix A)

New Business:

2:15 Alcohol and Drug Counselor AAS Revision: John Gieber: Adding four courses, removing one course, prerequisites, adding electives list, increasing credit total. I think this is the same one we had this month with outcomes.

2:30 Architectural Design and Drafting AAS Revision: Elizabeth Metcalf: Course title changes, course credit reductions, course credit increase, increase elective credits, electives list merger, adding four courses to degree, removing one course from degree, removing two courses from electives, outcomes.

> **Architectural Design and Drafting: Residential AAS Revision: Elizabeth Metcalf:** Adding three courses, removing two courses, removing two courses from electives, course title changes, course credit reduction.

2:45 Aviation Science Airplane AAS Revision: Larry Altree: Removing thirteen courses, prerequisites, outcomes, adding several courses to electives list.

NEW: Aviation Science Airplane with CFI AASO: Larry Altree: New Degree.

> **Aviation Science Helicopter with Instrument Rating AAS Revision: Larry Altree:** Title change, adding two courses, removing two courses, removing thirteen flight course options, course credit increase, outcomes, prerequisites.

3:00 Dental Hygiene AAS Revision: Nancy Pilgrim: Course credit increase, course credit reduction.

3:15 NEW: Fire Protection Pre-Employment Certificate: New certificate.

3:30 Geographic Information Systems Certificate Revision: Christina Friedle: Adding one course, reduction of electives credit, adding two courses to electives.

3:40 Gerontology: End of Life Care & Support Certificate Revision: Jan Abushakrah: Adding two courses, removing one course.

3:50 Course Repeatability (Continued from December)

Previous Discussion:
Any course that has been approved to be repeated for credit may be applied up to 3 times towards a PCC degree. Students may take the course additional times for credit, if the course has been so designated but those additional credits may not be used toward degree requirements. A general education course that is approved to be repeated for credit may only be applied once to meet the general education discipline studies requirement.

Gainful Employment
Certificate applications only (above 36 credits) which desire Federal Financial Applicability must also respond to questions regarding gainful employment (GE) in a recognized occupation (GE Program) and provide additional criteria beyond what CCWD requires. In general, all copies of analysis documents such as meeting minutes, research, notes, correspondence, proposals, or other documentation need to be submitted to the Curriculum Office for archiving for possible government review. Examples include:
SAC minutes where the new certificate is discussed
Advisory meeting minutes
Faculty development meetings
Transfer articulation meeting minutes
Research notes

Appendix A:

Current ASOT Requirements:
The Associate of Science Oregon Transfer in Business is awarded to students who meet the following requirements:
1. Associate Degree Comprehensive Requirements: refer to comprehensive requirements section.
2. Associate of Science Oregon Transfer in Business
Degree Requirements
A. **Writing**: Students must complete a minimum of 8 credits in writing with a C or better. The courses must be selected from WR 121 and 122 or WR 227.
B. **Math**: Students must complete a minimum of 12 credits in MTH 111 or above with a C or better, 4 of which must be statistics.
C. **Computer Applications**: Students must demonstrate proficiency in word processing, spreadsheet, database, and presentation software by the successful completion of BA 131 or CAS 133 and CAS 170 or CAS 171.
D. **Speech:** Minimum of 3 credits of Public Speaking completed with a C or better.
E. **General Education/Discipline Studies Distribution**
Requirements: Students must earn the following credits from the General Education Distribution/Discipline Studies List.
• Arts and Letters: Must complete a minimum of 12 credits chosen from at least two disciplines. Second year of World Languages (including ASL) may be included, but not first year.

• Social Science: Must complete a minimum of 12 credits with a minimum of eight credits in microeconomics and macroeconomics with a C or better.
• Science: Must complete a minimum of 12 credits of laboratory courses in the biological or physical sciences.

Recently Approved ASOT Requirements:

ASOT-Business prior to fall 2012	ASOT-Business post fall 2012
12 *credits* in Arts & Letters	3 *courses* in Arts & Letters
12 *credits* Social Science with minimum 8 credits in Micro & Macroeconomics	4 *courses* in Social Science with minimum of 2 courses in Micro & Macroeconomics
12 *credits* of laboratory classes	4 *courses* in Science including 3 *courses* of laboratory. Required MTH course can "double dip" for 4th course.
	1 course in Cultural Literacy – can apply towards Arts & Letters or Social Science area.
Distribution Requirements	Discipline Studies
General Requirements	Foundational Requirements
All courses except General Education need to pass with C or better.	Every course must be passed with a C or better.
SP 111	Gives schools the option of Speech courses. Should we match this to the AAOT?

No business requirements have changed.

Business Specific Requirements: Each course must be completed with a C or better. BA 101, BA 211, BA 212, BA 213, BA 226. BA 226 may be replaced by any other faculty approved 200-level BA course.

Elective Requirements: Must complete additional elective or university specific prerequisite courses* for a minimum of 90 credits. The ASOT-BUS may include up to a maximum of 12 credits of career technical courses (these 12 credits do not include the career technical required coursework in the degree). 1-credit MSD workshops may not be applied to this degree. May include up to a maximum of 3 Physical Education credits.

Portland Community College	**ASSOCIATE OF APPLIED SCIENCE DEGREE** **REVISION REQUEST FORM**	**Directions: Fill out completely and return electronically to:** **dac@pcc.edu** **Signature pages should be intercampus mailed to:** **Curriculum Office DC / 4th floor**

SECTION # 1 OVERVIEW

Current Title:	AAS Alcohol and Drug Counseling	**Proposed Title:**	AAS Alcohol and Drug Counseling
Current Credits:	96	**Proposed Credits:**	99
Overview and rationale for proposed changes:	. As a result of the program review process the need to modernize the Alcohol and Drug Counselor Program has become apparent. The proposed changes reflect the need to contribute to the life longing learning skills of the students (Add Library Research Class), the changing needs of the modern addiction counselor (addressing smoking cessation and relationships and addiction issues) and the needs of students to be able to get specialized training to contribute to their employability (Elective Track Courses).		

List of specific changes being proposed (i.e. may include, addition or deletion of courses, title changes, credit changes, prerequisite changes, outcome changes, course changes, etc).	1. Increase credit requirements for the degree.
	2. Change prerequisites: ADD WR 121 as a pre-requisite.
	3. Change prerequisites: ADD LIB 101 Library Research and Beyond 1 cr.
	4. Change prerequisites: ADD AD 101 Alcohol Use and Addiction
	5. Drop AD 101 Alcohol Use and Addiction from Degree Requirements
	6. ADD: MP 201 Intro to Electronic Health Records (3 credits required class)
	7. ADD AD 106 Smoking Cessation 1 credit course.
	8. ADD an elective tract to the program: Alcohol and Drug Counselor Degree Electives. Students will need to take 6 credits (two courses) of electives. Each of the following are 3 credit courses.
	   a. AD 111: Gambling and Addiction I
	   b. AD 112: Gambling and Addiction II
	   c. AD 109: Criminality and Addiction
	   d. AD 105: Aging and Addiction
	   e. AD 107: Addiction Recovery Mentor.
	   f. AD 108: Adolescents and Addiction		

	g. AD 110: Substance Use Prevention **9.** REMOVE AD 201 Families and Addiction **10.** ADD AD 202 Trauma and Recovery (3 credits, Required Class).		

SECTION # 2 PREREQUISITES AND OUTCOMES
All degree/certificate outcomes will be reviewed by the committee regardless of whether or not outcomes have changed.

Current Prerequisites	**Does the revision involve changing degree prerequisites?**	☐x Yes	☐ No
Course Number	**Course Title or Placement level**		
Wr 115	Introduction to Expository Writing		

Proposed Prerequisites		
Course Number	**Course Title or Placement level**	
WR 121	English Composition	
LIB 101	Library Research and Beyond	
AD 101	Alcohol Use and Addiction	

Current Outcomes: Required whether or not outcomes are being changed.	Describe what we intend students to be able to do "out there" (in life roles: worker, family member, community citizen, global citizen, and life-long learner), as opposed to a classroom activity "in here"? Good outcomes statements will suggest context to indicate this "out there" and they will describe what students can DO with what they know. The committee will review the outcomes. For guidance on writing good outcome statements.	**Does the revision involve changing degree outcomes?** x☐Yes ☐No

Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS degree outcomes.

Degree Outcome	Core Outcome
Students who complete this degree should be able to:	
1 Meet the Addiction Counselor Certification of Oregon (ACCBO) educational requirements for the Certified Alcohol and Drug Counselor Level II (CADC II).	Communication. Community and Environmental Responsibility. Critical Thinking and Problem Solving. Cultural Awareness. Professional Competence. Self-Reflection.
2 Have a minimum of 720 hours of the 1000 work experience hours required by ACCBO to be eligible for the CADC I exam.	Communication. Critical Thinking and Problem Solving. Cultural Awareness. Professional Competence. Self-Reflection.
3 Perform case management functions with clients.	Communication. Critical Thinking and Problem Solving. Cultural Awareness. Professional Competence. Self-Reflection.
4 Conduct intake addiction specific assessments/evaluations.	Communication. Critical Thinking and Problem Solving. Cultural Awareness. Professional Competence. Self-Reflection.
5 Co-facilitate addiction treatment groups.	Communication. Community and Environmental Responsibility. Critical Thinking and Problem Solving. Cultural Awareness. Professional Competence. Self-Reflection.

degree revision   3

6 Complete record keeping obligations.	Communication. Critical Thinking and Problem Solving. Cultural Awareness. Professional Competence. Self-Reflection.
7 Deliver educational presentations.	_ Communication. Community and Environmental Responsibility. Critical Thinking and Problem Solving. Cultural Awareness. Professional Competence. Self-Reflection
8 Participate in staff meetings.	Communication. Community and Environmental Responsibility. Critical Thinking and Problem Solving. Cultural Awareness. Professional Competence. Self-Reflection.
9 Effectively utilize clinical supervision. 1.2009	Communication. Community and Environmental Responsibility. Critical Thinking and Problem Solving. Cultural Awareness. Professional Competence. Self-Reflection.

Revised Outcomes:
Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS

degree outcomes.	
Degree Outcome	**Core Outcome**
Students who complete this degree should be able to:	
1. Meet the Addiction Counselor Certification of Oregon (ACCBO) educational requirements for the Certified Alcohol and Drug Counselor Level II (CADC II) including having a minimum of 720 hours of the 1000 work experience hours required by ACCBO to be eligible for the CADC I exam.	Professional Competence
2. Follow established professional addiction counseling standards and clinical procedures to conduct intake assessments and evaluations and co-facilitate addiction treatment groups in a clinical setting.	Communication Cultural Awareness Critical Thinking and Problem Solving
3. Follow established professional addiction counseling standards to perform case management functions and record keeping obligations in an addiction specific clinical setting.	Critical Thinking and Problem Solving.
4. Develop and deliver educational presentations for clients and their families in an addiction specific clinical setting.	Communication Cultural Awareness Community and Environmental Responsibility
5. Participate as a contributory team member in staff meetings in an addiction specific clinical setting.	Professional Competence Communication
6. Effectively utilize clinical supervision to hone and further develop their addiction specific counseling skills.	Self-Reflection

Requested Implementation Term **(Please refer to Degree/Certificate timeline implementation guidelines)**	Fall 2012

Submitted By:	**Jonny Gieber Department Chair Alcohol and Drug Counseling Program**
Email:	**jgieber@pcc.edu**

CURRENT DEGREE INFORMATION			PROPOSED DEGREE INFORMATION		
COURSE NUMBER	COURSE TITLE	CREDITS	COURSE NUMBER	COURSE TITLE	CREDITS
AD 101	Alcohol Use and Addiction	3	**MP 201**	**Electronic Medical Records**	3
AD 102	Drug Use and Addiction	3	AD 102	Drug Use and Addiction	3
AD 103	Women and Addiction	3	AD 103	Women and Addiction	3
			AD 106	**Smoking Cessation (ADD)**	**1**
			Alcohol and Drug Counselor Electives (add)		**6**
AD 104	Multicultural Counseling	3	AD 104	Multicultural Counseling	3
AD 150	Basic Counseling and Addiction	3	AD 150	Basic Counseling and Addiction	3
AD 151	Basic Counseling Skills Mastery	1	AD 151	Basic Counseling Skills Mastery	1
AD 152	Group Counseling and Addiction	3	AD 152	Group Counseling and Addiction	3
AD 153	Theories of Counseling	3	AD 153	Theories of Counseling	3
AD 154	Client Record Management and Addiction	3	AD 154	Client Record Management and Addiction	3
AD 155	Motivational Interviewing and Addiction	3	AD 155	Motivational Interviewing and Addiction	3
AD 156	Ethical and Professional Issues	3	AD 156	Ethical and Professional Issues	3
AD 157	Motivational Lab	1	AD 157	Motivational Lab	1
AD 184	Men and Addiction	3	AD 184	Men and Addiction	3
AD 201	Families and Addiction	3	**AD 202**	**Trauma and Recovery**	**3**
AD 250	Advanced Counseling and Addiction	3	AD 250	Advanced Counseling and Addiction	3
AD 251	Advanced Counseling Skills Mastery	1	AD 251	Advanced Counseling Skills Mastery	1
AD 255	Multiple Diagnosis	3	AD 255	Multiple Diagnosis	3
AD 278	Practicum Preparation	1	AD 278	Practicum Preparation	1
AD 270 A	Practicum	18	AD 270 A	Practicum	18

AD 270 B	Practicum Seminar		8	AD 270 B	Practicum Seminar	8
Wr 121	**English Composition (remove)**		**4**			
Wr 122	English Composition		4	Wr 122	English Composition	4
Psych 201 or 202	Introduction to Psychology		4	Psy 201 or 202	Introduction to Psychology*	4
Psych 239	Intorduction to Abnormal Psychology		4	Psy 239	Intorduction to Abnormal Psychology*	4
General Education	Course to Meet Arts and Letters Requirement		4	General Education	Course to Meet Arts and Letters Requirement	4
General Education	Course to Meet Science and Math Requirement		4	General Education	Course to Meet Science and Math Requirement	4
				Alcohol and Drug Counselor Electives		
				AD 105	**Aging and Addiction**	**3**
				AD 107	**Addiction Recovery Mentor**	**3**
				AD 108	**Adolescents and Addiction**	**3**
				AD 109	**Criminality and Addiction**	**3**
				AD 110	**Substance Use Prevention**	**3**
				AD 111	**Gambling and Addiction I**	**3**
				AD 112	**Gambling and Addiction II**	**3**
Totals		96				99

	ASSOCIATE OF APPLIED SCIENCE DEGREE **REVISION REQUEST FORM**	**Directions: Fill out completely and return electronically to:** **dac@pcc.edu** **Signature pages should be intercampus mailed to:** **Curriculum Office DC / 4th floor**

SECTION # 1 OVERVIEW

Current Title:	Architectural Design and Drafting	**Proposed Title:**	Architectural Design and Drafting
Current Credits:	99	**Proposed Credits:**	99

Overview and rationale for proposed changes:	**BASE DEGREE**
	   Course name changes. Names were changed to better reflect course content.
	
	   Adding and removing courses from the degree to reflect changes in the industry and to respond to the suspension of the Building Inspection program and the changes in the Sustainable Design Certificate.

List of specific changes being proposed (i.e. may include, addition or deletion of courses, title changes, credit changes, prerequisite changes, outcome changes, course changes, etc).	1. Title Change: Arch 101 Graphics 1 to Intro to Residential Design. 2. Title Change: Arch 111 Working Drawings 1 to Intro to Residential Construction Documents. 3. Title Change: Arch 161 Blueprint Reading Part 1 to Residential Print Reading 4. Title Change: Arch 162 Blueprint Reading Part 2 to Commerical Print Reading 5. Add: Arch 161 Residential Print Reading 6. Add: Arch 162 Commercial Print Reading 7. Title Change: Arch 112 Working Drawings 2 to Intro to Commercial Construction Documents. 8. Increase Credits: Arch 112 Intro to Commercial Construction Documents from 3 to 4. 9. Reduce Credits: Arch 202 Commercial Studio from 6-4. 10. Remove: Arch 102 Graphics 2 11. Reduce Credits: Arch 122 Structures 2 from 4-3. 12. Reduce Credits: Arch 123 Structures 3 from 4-3. 13. Remove: Arch 237 Intro to Revit Architecture from the degree Electives list. 14. Add: Arch 237 Intro to Revit Architecture as required.

15. Increase: Elective credits from 6 to 8. 16. Combine: Two elective lists Architectural Electives and Architectural CAD Electives into one list called Architectural Electives. 17. Add: BCT 115 Intro to Residential Green Roofing and Arch 134 Energy and Alternative Materials Code to the Architectural Electives list. 18. Remove: ARCH 137 from the Electives list. 19. Revise outcomes	

R		

Current Prerequisites	**Does the revision involve changing degree prerequisites?**	☐ **Yes**	**X NO**
Course Number	**Course Title or Placement level**		

Proposed Prerequisites		
Course Number	**Course Title or Placement level**	

Current Outcomes: Required whether or not outcomes are being changed.	Describe what we intend students to be able to do "out there" (in life roles: worker, family member, community citizen, global citizen, and life-long learner), as opposed to a classroom activity "in here"? Good outcomes statements will suggest context to indicate this "out there" and they will describe what students can DO with what they know. The committee will review the outcomes. For guidance on <u>writing good outcome</u> statements.	**Does the revision involve changing degree outcomes?** **X YES** ☐No

Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS degree outcomes.

Degree Outcome	Core Outcome
Students who complete this degree should be able to:	
• Design a residential or small commercial building responsive to site conditions, user requirements, codes and construction standards, and aesthetic considerations.	• Critical Thinking and Problem Solving • Professional Competence

degree revision   2

	- Community and Environmental Responsibility - Cultural Awareness
- Produce architectural drawings using a range of computer-aided drafting software.	- Communication - Professional Competence
- Select and recommend building systems, structural systems, construction materials, and structural components responsive to the building's design.	- Critical Thinking and Problem Solving - Professional Competence
- Produce a set of construction documents that describe the construction requirements for a building, using accepted industry practices.	- Communication - Professional Competence
- Communicate with design professionals, clients, and engineers, using industry specific terminology and graphics.	- Communication - Professional Competence - Cultural Awareness
- Complete all phases of the design and documentation process with consideration of its impact on the natural environment.	- Critical Thinking and Problem Solving - Professional Competence - Community and Environmental Responsibility

Revised Outcomes:
Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS degree outcomes.

Degree Outcome	Core Outcome
Students who complete this degree should be able to:	
- Design a residential or small commercial building responsive to site conditions, user requirements, codes and construction standards, and aesthetic considerations.	- Critical Thinking and Problem Solving - Professional Competence - Community and Environmental Responsibility - Cultural Awareness
- Produce architectural drawings using a range of computer-aided drafting software.	- Communication - Professional Competence
- Select and recommend building systems, structural systems, construction materials, and structural components responsive to the building's design.	- Critical Thinking and Problem Solving

	• Professional Competence
• Produce a set of construction documents that describe the construction requirements for a **residential** building, using accepted industry practices.	• Communication • Professional Competence
• Communicate with design professionals, clients, and engineers, using industry specific terminology and graphics.	• Communication • Professional Competence • Cultural Awareness
• Complete all phases of the design and documentation process with consideration of its impact on the natural environment.	• Critical Thinking and Problem Solving • Professional Competence • Community and Environmental Responsibility

SECTION # 3 COURSE BY COURSE COMPARISON					
CURRENT DEGREE INFORMATION			**PROPOSED DEGREE INFORMATION**		
COURSE NUMBER	COURSE TITLE	CREDITS	COURSE NUMBER	COURSE TITLE	CREDITS
Arch 110	Intro to Architectural Drawing	2	Arch 110	Intro to Architectural Drawing	2
Arch 121	Structures 1	2	Arch 121	Structures 1	2
Arch 124	Intro to Building Systems	3	Arch 124	Intro to Building Systems	3
Arch 126	Intro to AutoCAD	3	Arch 126	Intro to AutoCAD	3
Arch 127	Intro to Google SketchUp	3	Arch 127	Intro to Google SketchUp	3
Arch 132	Residential Building Codes	2	Arch 132	Residential Building Codes	2
Arch 101	Architectural Graphics 1	3	**Arch 101**	**Intro to Residential Design (Title Change)**	**3**
Arch 122	Structures 2	4	**Arch 122**	**Structures 2 (Reduce Credits -1)**	**3**
Arch 136	Intermediate AutoCAD	3	Arch 136	Intermediate AutoCAD	3
	CAD elective (Remove)	**3**	**Arch 237**	**Intro to Revit Architecture (Add)**	**3**
Art 215	History of American Residential Architecture	3	Art 215	History of American Residential Architecture	3
Arch 111	Working Drawings 1	3	**Arch 111**	**Intro to Residential Construction Documents (Title Change)**	**3**
Arch 123	Structures 3	4	**Arch 123**	**Structures 3 (Reduce Credits -1)**	**3**

Arch 224	Active and Passive Building Systems	4	Arch 224	Active and Passive Building Systems	4
Arch 256	Detail Drawing with AutoCAD	3	Arch 256	Detail Drawing with AutoCAD	3
Arch 113	Site Planning	2	Arch 113	Site Planning	2
Arch 112	Working Drawings 2	3	**Arch 112**	**Intro to Commercial Construction Drawings (Title Change and Increase Credits +1)**	**4**
Arch 102	**Graphics 2 (Remove)**	**3**			
Arch 133	Commercial Building Codes	2	Arch 133	Commercial Building Codes	2
Arch 201	Residential Studio	6	Arch 201	Residential Studio	6
	Arch Electives	6		**Arch Electives (Increase Credits +2)**	**8**
Arch 202	Commercial Studio	6	**Arch 202**	**Commercial Studio (Reduce Credits -2)**	**4**
Arch 203	Residential Renovation Studio	6	Arch 203	Residential Renovation Studio	6
Arch 280	CE: Arch Design and Drafting	4	Arch 280	CE: Arch Design and Drafting	4
	General Education	16		General Education	16
			Arch 161	**Residential Print reading (Add)**	**2**
			Arch 162	**Commercial Print reading (Add)**	**2**
	Architectural Electives			Architectural Electives	
Arch 100	Graphic Communication for Designers	3	Arch 100	Graphic Communication for Designers	3
Arch 131	Sustainable Building Strategies	4	Arch 131	Sustainable Building Strategies	4
Arch 200	Principles of Architectural Design	4	Arch 200	Principles of Architectural Design	4
Arch 204	Green Residential Studio	4	Arch 204	Green Residential Studio	4
ID 121	Sustainable Materials for Res Interiors	3	ID 121	Sustainable Materials for Res Interiors	3
ID 131	Intro to Interiors	3	ID 131	Intro to Interiors	3
ID 133	Space Planning	3	ID 133	Space Planning	3
ID 138	Intro to Kitchen and Bath Planning	3	ID 138	Intro to Kitchen and Bath Planning	3
ID 236	Lighting Design	3	ID 236	Lighting Design	3
ID 238	Adv. Kitchen and Bath Planning	3	ID 238	Adv. Kitchen and Bath Planning	3
BCT 108	Intro to Building Science	3	BCT 108	Intro to Building Science	3
BCT 116	Alternative Building Design	3	BCT 116	Alternative Building Design	3
BCT 206	**Sustainable Construction (Remove)**	**3**			
			BCT 115	**Intro to Residential Green Roofing (Add)**	**1**
	Architectural CAD Electives		**Arch 134**	**Energy &Alternative Materials Code(Add)**	**2**
Arch 247	**Intermediate Revit Architecture (Move)**	**3**	**Arch 247**	**Intermediate Revit Architecture (Moves to this list)**	**3**

Arch 137	**AutoCAD Architecture (Remove)**	**3**			
Arch 237	**Intro to Revit Architecture (Remove)**	**3**			
	Credit Total	99		**Credit Total**	99

SECTION # 4   (Please contact the Curriculum Office for support in filling out this section if needed.)

Is this a statewide degree?	☐ Yes X No	**Has the change been approved by the consortium?**	☐ Yes ☐ No
Is this a degree option?	☐ Yes X No	**If yes, name of the base degree:**	
Are there any career pathway(s) or related certificates attached to this degree?	☐ Yes X No	**If yes, name of career pathway(s) or related certificate**	
Requested Implementation Term **(Please refer to Degree/Certificate timeline implementation guidelines)**			

Submitted By:	**Elizabeth Metcalf**
Email:	**emetcalf@pcc.edu**

degree revision   6

	ASSOCIATE OF APPLIED SCIENCE DEGREE **REVISION REQUEST FORM**	**Directions: Fill out completely and return electronically to:** **dac@pcc.edu** **Signature pages should be intercampus mailed to:** **Curriculum Office DC / 4th floor**

SECTION # 1 OVERVIEW			
Current Title:	Architectural Design and Drafting- Residential		**No change**
Current Credits:	97	**Proposed Credits:**	**99**

Overview and rationale for proposed changes:	**RESIDENTIAL DEGREE OPTION**
	   Course name changes. Names were changed to better reflect course content.
	
	   Adding and removing courses from the degree option to reflect changes in the industry and to respond to the suspension of the Building Inspection program and changes to the Sustainable Design Certificate.
	
	   Degree total credits changes from 97 to 99.		

List of specific changes being proposed (i.e. may include, addition or deletion of courses, title changes, credit changes, prerequisite changes, outcome changes, course changes, etc).	**Title Change: Arch 101 Graphics 1 to Intro to Residential Design.** **Title Change: Arch 111 Working Drawings 1 to Intro to Residential Construction Documents.** **Title Change: Arch 161 Blueprint Reading Part 1 to Residential Print Reading.** **Add: Arch 161 Residential Print Reading** **Remove: Arch 102 Graphics 2.** **Add: Arch 202 Commercial Studio.** **Reduce Credits: Arch 122 Structures 2 from 4-3.**		

	Remove: ID 238 Adv. Kitchen and Bath Planning Add: Arch 256 Detail Drawing with AutoCAD Remove: Arch 137 AutoCAD Architecture from the Residential CAD elective list Remove: ARCH 256 Detail Drawing with AutoCAD from the Residential CAD elective list

SECTION # 2 PREREQUISITES AND OUTCOMES		
All degree/certificate outcomes will be reviewed by the committee regardless of whether or not outcomes have changed.		

Current Prerequisites	Does the revision involve changing degree prerequisites?	☐ Yes	X NO
Course Number	**Course Title or Placement level**		

Proposed Prerequisites			
Course Number	**Course Title or Placement level**		

Current Outcomes: Required whether or not outcomes are being changed.	Describe what we intend students to be able to do "out there" (in life roles: worker, family member, community citizen, global citizen, and life-long learner), as opposed to a classroom activity "in here"? Good outcomes statements will suggest context to indicate this "out there" and they will describe what students can DO with what they know. The committee will review the outcomes. For guidance on <u>writing good outcome</u> statements.	**Does the revision involve changing degree outcomes?** ☐ Yes X NO

Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS degree outcomes.

Degree Outcome	Core Outcome
Students who complete this degree should be able to:	
• Design a residential building responsive to site conditions, user requirements, codes and construction standards, and aesthetic considerations.	• Critical Thinking and Problem Solving • Professional Competence • Community and Environmental Responsibility • Cultural Awareness
• Produce architectural drawings using manual and computer-aided drafting.	• Communication • Professional Competence
• Select and recommend building systems, structural components, construction and finish materials, and lighting responsive to a residential building's design and interior systems.	• Critical Thinking and Problem Solving • Professional Competence
• Produce a set of construction documents that describe the construction requirements for a residential building, using accepted industry practices.	• Communication • Professional Competence
• Communicate with design professionals, clients, and engineers, using industry specific terminology and graphics.	• Communication • Professional Competence • Cultural Awareness
• Complete all phases of the design and documentation process with consideration of its impact on the natural environment.	• Critical Thinking and Problem Solving • Professional Competence • Community and Environmental Responsibility
• Qualify for transfer to Oregon State University's Housing Studies Program.	
Revised Outcomes: Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS degree outcomes.	
Degree Outcome	**Core Outcome**
Students who complete this degree should be able to:	
No change	

SECTION # 3 COURSE BY COURSE COMPARISON					
CURRENT DEGREE INFORMATION			PROPOSED DEGREE INFORMATION		
COURSE NUMBER	COURSE TITLE	CREDITS	COURSE NUMBER	COURSE TITLE	CREDITS
Arch 110	Introduction to Architectural Drawing	2	Arch 110	Introduction to Architectural Drawing	2
Arch 100	Graphic Communication for Designers	3	Arch 100	Graphic Communication for Designers	3
Arch 121	Structures 1	2	Arch 121	Structures 1	2
Arch 124	Intro to Building Systems	3	Arch 124	Intro to Building Systems	3
Arch 126	Intro to AutoCAD	3	Arch 126	Intro to AutoCAD	3
Arch 132	Residential Codes	2	Arch 132	Residential Codes	2
ID 131	Intro to Interiors	3	ID 131	Intro to Interiors	3
Arch 101	Architectural Graphics 1	3	Arch 101	**Intro to Residential Design (Title Change)**	3
Arch 122	Structures 2	4	Arch 122	**Structures 2 (Reduce Credits -1)**	**3**
Arch 136	Intermediate AutoCAD	3	Arch 136	Intermediate AutoCAD	3
Art 215	History of America Residential Architecture	3	Art 215	History of America Residential Architecture	3
Arch 102	**Graphics 2 (Remove)**	**3**			
ID 138	Intro to Kitchen and Bath Planning	3	ID 138	Intro to Kitchen and Bath Planning	3
	Residential CAD elective	3		Residential CAD elective	3
ID 236	Lighting Design	3	ID 236	Lighting Design	3
Arch 111	Working Drawings 1	3	Arch 111	**Intro to Residential Construction Documents (Title Change)**	3
Arch 113	Site Planning	2	Arch 113	Site Planning	2
Arch 201	Residential Studio	6	Arch 201	Residential Studio	6
ID 133	Space Planning	3	ID 133	Space Planning	3
Arch 224	Active and Passive Building Systems	4	Arch 224	Active and Passive Building Systems	4
Arch 200	Principles of Architectural Design	4	Arch 200	Principles of Architectural Design	4
ID 238	**Advanced Kitchen and Bath Planning (Remove)**	**3**			

Arch 203	Residential Renovation Studio	6	Arch 203	Residential Renovation Studio	6
ID 121	Sustainable Materials	3	ID 121	Sustainable Materials	3
Arch 280	CE: Arch Design and Drafting	4	Arch 280	CE: Arch Design and Drafting	4
	General Education	16		General Education	16
			Arch 256	**Detailing Drawing with AutoCAD (Add)**	**3**
			Arch 202	**Commercial Studio (Add)**	**4**
			Arch 161	**Residential Print Reading (Add)**	**2**
	<u>Residential CAD electives</u>			<u>Residential CAD electives</u>	
Arch 127	Introduction to Google SketchUp	3	Arch 127	Introduction to Google SketchUp	3
Arch 137	**AutoCAD Architecture (Remove)**	**3**			
Arch 237	Intro to Revit Architecture	3	Arch 237	Intro to Revit Architecture	3
Arch 247	Intermediate Revit Architecture	3	Arch 247	Intermediate Revit Architecture	3
Arch 256	**Detail Drawing with AutoCAD (Remove)**	**3**			
	Credit Total	97		Credit Total	99

SECTION # 4   (Please contact the Curriculum Office for support in filling out this section if needed.)

Is this a statewide degree?	☐ Yes X NO	**Has the change been approved by the consortium?**	☐ Yes ☐ No
Is this a degree option?	X YES ☐ No	**If yes, name of the base degree:**	**Architectural Design and Drafting**
Are there any career pathway(s) or related certificates attached to this degree?	☐ Yes ☐ No	**If yes, name of career pathway(s) or related certificate**	
Requested Implementation Term (Please refer to <u>Degree/Certificate timeline</u> implementation guidelines)			

Submitted By:	**Elizabeth Metcalf**
Email:	**emetcalf@pcc.edu**

Next steps:
1. Save the completed Associate of Applied Science Revision Request Form and submit as an e-mail attachment to dac@pcc.edu.
2. Download and print the Associate of Applied Science Revision Signature Page Form and obtain the appropriate signatures.
3. Staple the signed Associate of Applied Science Signature Page Form to a hard copy of the Associate of Applied Science Revision Request Form (electronic version has already been sent in step one). Send both forms to Curriculum Office, Downtown Center, DC - 4th floor via campus mail.

	ASSOCIATE OF APPLIED SCIENCE DEGREE REVISION REQUEST FORM	Directions: Fill out completely and return electronically to: **dac@pcc.edu** Signature pages should be intercampus mailed to: Curriculum Office DC / 4th floor

SECTION # 1 OVERVIEW

Current Title:	Aviation Science Airplane	**Proposed Title:**	Aviation Science Airplane
Current Credits:	90	**Proposed Credits:**	90

Overview and rationale for proposed changes:	Removes one-credit options for flight courses as they were not resulting in completion in a timely manner. Changes program prereqs. Makes slight changes to outcomes.
List of specific changes being proposed (i.e. may include, addition or deletion of courses, title changes, credit changes, prerequisite changes, outcome changes, course changes, etc). Use simple text such as Add, Remove, Change, Revise to inform the reader of the changes desired.	Remove the following one-credit flight course options: AVS-121, 122, 123, 131, 132, 133, 141, 142, 143, 221, 222, 223, and 224. Electives list changes. Revise degree outcomes Revise prerequisites

SECTION # 2 PREREQUISITES AND OUTCOMES
All degree/certificate outcomes will be reviewed by the committee regardless of whether or not outcomes have changed.

Current Prerequisites	Does the revision involve changing degree prerequisites?	☒ Yes	☐ No
Course Number	**Course Title or Placement level**		
WR115	Placement into Writing 115		
MTH 60	Placement into Math 60		

Proposed Prerequisites		
Course Number	**Course Title or Placement level**	
WR 121	PLACEMENT INTO WR 121	
MTH 65	PLACEMENT INTO MATH 65	
Current Outcomes: Required whether or not outcomes are being changed.	Describe what we intend students to be able to do "out there" (in life roles: worker, family member, community citizen, global citizen, and life-long learner), as opposed to a classroom activity "in here"? Good outcomes statements will suggest context to indicate this "out there" and they will describe what students can DO with what they know. The committee will review the outcomes. For guidance on writing good outcome statements.	**Does the revision involve changing degree outcomes?** ☒Yes ☐No

Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS degree outcomes.

Degree Outcome	Core Outcome
Students who complete this degree should be able to:	

• Exercise the privileges of the FAA certificates appropriate to the pilot career that they seek:
    For Airplane:
    ➢ Commercial Pilot certificate with airplane single- and multi-engine and instrument helicopter ratings.
    ➢ Flight Instructor certificate with airplane single- and multi-engine and instrument helicopter ratings (If Flight Instructor specialization is chosen).
    For Helicopter:
    ➢ Commercial Pilot Certificate with Rotorcraft Helicopter and optional Instrument Helicopter rating
    ➢ Flight Instructor Rating with Rotorcraft Helicopter rating.
	Critical Thinking and Problem Solving
	
	 Professional Competence

• Use knowledge and understanding of pilot industry trends, positions and operations gained in the Aviation Science program to: Implement a career plan; make informed career decisions; secure the position of their choice in the aviation industry; and identify additional opportunities for advancement including advanced degrees and training to remain competitive in the pilot industry.	Community/Env Responsibility Critical Thinking/Prob solving Cultural Awareness Self-Reflection

• Research, interpret and evaluate the following prior to each flight such that the safe, efficient and legal outcome of a flight in never in doubt:
    ➢ Pilot self-assessment of fitness, proficiency and ability.
    ➢ Aircraft airworthiness and capabilities.
    ➢ Environmental conditions.
    ➢ Other operational considerations.
	Communication
	 Critical Thinking/Prob solving
	 Professional Competence
	 Self-Reflection

degree revision   2

• Communicate clearly and concisely, both verbally and in writing, with fellow pilots, employers and the aviation community.	Communication Cultural Awareness
• Accurately performs calculations as required for flight operations and company records.	Professional Competence Critical Thinking/Prob Solving
• Operates aircraft consistent with an understanding of its impact on the environment, the community and the economic success of the company that employs them.	Community/Environ Responsibility Critical Thinking/Prob Solving Professional Competence
• Show respect for all individuals regardless of race, religion, cultural background, economic background or other differences.	Cultural Awareness Community / Environ Responsibility

Revised Outcomes:
Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS degree outcomes.

Degree Outcome	Core Outcome
Students who complete this degree should be able to:	
• Exercise the privileges of the FAA certificates appropriate to the pilot career that they seek: ➢ Commercial Pilot certificate with airplane single- and multi-engine and instrument ratings.	Critical Thinking and Problem Solving Professional Competence
• Use knowledge and understanding of pilot industry trends, positions and operations gained in the Aviation Science program to: Implement a career plan; make informed career decisions; <u>pursue</u> the position of their choice in the aviation industry; and identify additional opportunities for advancement including advanced degrees and training to remain competitive in the pilot industry.	Community/Env Responsibility Critical Thinking/Prob solving Cultural Awareness Self-Reflection

• Research, interpret and evaluate the following prior to each flight such that the safe, efficient and legal outcome of a flight in never in doubt:
  ➢ Pilot self-assessment of fitness, proficiency and ability.
  ➢ Aircraft airworthiness and capabilities.
  ➢ Environmental conditions.
Other operational considerations.
	Communication
	Critical Thinking/Prob solving
	Professional Competence

• Communicate clearly and concisely, both verbally and in writing, with fellow pilots, employers and the aviation community.	Communication Cultural Awareness
• Accurately performs calculations as required for flight operations and company records.	Professional Competence Critical Thinking/Prob Solving
• Operates aircraft consistent with an understanding of its impact on the environment, the community and the economic success of the company that employs them.	Community/Environ Responsibility Critical Thinking/Prob Solving Professional Competence
• Show respect for all individuals regardless of race, religion, cultural background, economic background or other differences.	Cultural Awareness Community / Environ Responsibility

SECTION # 3 COURSE BY COURSE COMPARISON

List all courses (current AND proposed) in the order that they are distributed in the [catalog]. If listed term by term then identify them in a term by term sequence on this form. If they identified within categories such as CORE, ELECTIVES, etc, then identify them as such.

If you are adding a course place it in the preferred term or category, identify such a course with (add) and bold the text in the line.
If you want to rearrange the order of courses within the term by term sequence do so on this form.
If you are removing a course identify the course with (remove) and bold the text.
If the course title is changed identify the course with (title change) and bold the text.
If the course credits have changed identify the course with (increase or decrease credit) and bold the text.
If you need more lines to accommodate the courses, right click and insert rows.

The information you provide on this form will be reflected in the PCC catalog pages and GRADplan. Please ensure it is correct.

CURRENT DEGREE INFORMATION			PROPOSED DEGREE INFORMATION		
COURSE NUMBER	COURSE TITLE	CREDITS	COURSE NUMBER	COURSE TITLE	CREDITS
AVS-120	Airplane Private Pilot Ground	4	AVS-120	Airplane Private Pilot Ground	4
			AVS-125	Airplane Private Flight	4
AVS-125	Airplane Private Flight	4	AVS-127	Intro to Aviation	4
Or			AVS-130	Instrument Ground School	4
AVS-121	Airplane Pre-solo Flight **(REMOVE)**	2	AVS-135	Airplane Instrument Flight	3
AVS-122	Airplane Pre-Cross Cntry Flt **(REMOVE)**	1	AVS-137	Applied Aerodynamics	4
AVS-123	Airplane Cross Cntry/Test Prep **(REMOVE)**	1	AVS-140	Airplane Commercial Ground	4
			AVS-145	Introduction to Commercial Airplane	3
AVS-127	Intro to Aviation	4	AVS-157	Aircraft Systems Airframe	3
AVS-130	Instrument Ground School	4	AVS-167	Aircraft Systems Powerplant	3
			AVS-225	Airplane Commercial Flight	4
AVS-135	Airplane Instrument Flight	3	AVS-227	Aviation Careers	4
Or			AVS-255	Airplane Pilot Performance	1
AVS-131	Airplane Instr Attitude/Nav **(REMOVE)**	1	GS-109	Meteorology*	4
AVS-132	Airplane Instrument Approach **(REMOVE)**	1	AVS-107	Flight Prep Lab Level 1 (3 sections)	3
AVS-133	Airplane Instrument XC **(REMOVE)**	1	AVS-207	Flight Prep Lab Level 2 (3 sections)	3

degree revision   4

				AVS 237	Aviation Law and Regulations	4
AVS-137	Applied Aerodynamics	4		AVS 267	Economics of Flight Operation	4
AVS-140	Airplane Commercial Ground	4		AVS 275	Airplane: Professional Pilot	3
				Gen Ed	General Education Courses	12
AVS-145	Introduction to Commercial Airplane	3		WR 121	English Composition	4
Or				AVS Electives	AVS Elective Courses	8
AVS-141	Airplane Comm XC Night Intro **(REMOVE)**	1				
AVS-142	Airplane Comm XC Exploration **(REMOVE)**	1				
AVS-143	Airplane Comm Precision XC **(REMOVE)**	1				
AVS-157	Aircraft Systems Airframe	3				
AVS-167	Aircraft Systems Powerplant	3				
AVS-225	Airplane Commercial Flight	4				
Or						
AVS-221	Airplane Complex Airplanes **(REMOVE)**	1				
AVS-222	Airplane Commercial Maneuvers **(REMOVE)**	1				
AVS-223	Airplane Commercial Proficiency **(REMOVE)**	1				
AVS-224	Airplane Multi-Engine **(REMOVE)**	1				
AVS-227	Aviation Careers	4				
AVS-255	Airplane Pilot Performance	1				
GS-109	Meteorology*	4				
AVS-107	Flight Prep Lab Level 1 (3 sections)	3				
AVS-207	Flight Prep Lab Level 2 (3 sections)	3				
AVS 237	Aviation Law and Regulations	4				
AVS 267	Economics of Flight Operation	4				
AVS 275	Airplane: Professional Pilot	3				
Gen Ed	General Education Courses	12				
WR 121	English Composition	4				
AVS	AVS Elective Courses	8				

degree revision   5

28

Electives							
	AVS Approved Electives (current):				**AVS Approved Electives (Proposed):**		
					Everything on previous list plus:		
BA101	Introduction to Business		4		WR 122	English Composition	4
BA206	Management Fundamentals		3		BA 211	Principles of Accounting I	3
CAS133	Basic Computer Skill/MS Office		4		PSY 201A	Intro to Psychology Part 1	4
CAS170	Beginning Excel		3		G207	Geology of the NW	3
CAS171	Intermediate Excel		3		MTH 111	College Algebra	5
CAS216	Beginning Word		3		MTH 112	Elementary Functions	5
CAS217	Intermediate Word		3		MTH241	Calculus for Management, Life, Social Science	4
CIS120	Computer Concepts I		4		MTH243	Statistics I	4
CIS121	Computer Concepts II		4		PHY 201	General Physics	4
EC200	Prin Econ: Intro, Inst & Phil		4		CG100A	College Survival and Success	3
EC201	Prin Econ: Microeconomics		4		CG100B	College Survival and Success	2
EC202	Prin Econ: Macroeconomics		4		CG100C	College Survival and Success	1
PHY101	Fundamentals of Physics I		4		CG105	Scholarships	2
PSY101	Psychology and Human Relations		4		CG111A	Study Skills for College Learning	3
WR117	Intro to Technical Writing		3		CG111B	Study Skills for College Learning	2
WR121	English Composition		4		CG111C	Study Skills for College Learning	1
WR227	Technical/Profession WR 1		4		CG114	Financial Survival for College Students	1
					CG145	Stress Management	1
					CAS111D	Beginning Web Site Creation: Dreamweaver	3
					EMS100	Intro to Emergency Medical Services	3
					EMS105	EMT Basic Part 1	5
					EMS106	EMT Basic Part 2	5
					FN 110	Personal Nutrition	
					HPE295	Health and Fitness for Life	
					MSD 101	Principles of Management and Supervision	3
					MSD 110	Gender Conflict Resolution	1
					MSD 105	Interpersonal Communication	3
					MSD 115	Improving Work Relations	3
					MSD 117	Customer Relations	3

		PE	Any 100- or 200-level course (up to 3 credits may apply to AAS degree)	
		Foreign Language	Any 100- or 200-level courses	

SECTION # 4   (Please contact the Curriculum Office for support in filling out this section if needed.)

Is this a statewide degree?	☐ Yes ☒ No	Has the change been approved by the consortium?	☐ Yes ☒ No
Is this a degree option?	☐ Yes ☒ No	If yes, name of the base degree:	
Are there any career pathway(s) or related certificates attached to this degree?	☐ Yes ☒ No	If yes, name of career pathway(s) or related certificate	
Requested Implementation Term (Please refer to **Degree/Certificate timeline** implementation guidelines)			Summer 2012

Submitted By:	**Larry Altree**
Email:	**laltree@pcc.edu**

	NEW **ASSOCIATE OF APPLIED SCIENCE** **DEGREE REQUEST FORM**	**Directions: Fill out completely and return electronically to:** **dac@pcc.edu** **Signature pages should be sent via intercampus mailed to:** **Curriculum Office DC/4th floor**

SECTION # 1 OVERVIEW

Proposed Title:	Aviation Science Airplane With Flight Instructor AASO	**Proposed Credits:**	**90**
Reason for new degree:	Provides for separate degrees with and without Flight Instructor rather than a single degree with two options, which makes fitting into the CCWD and Gradplan systems easier.		
Impact on other areas of instruction: Have you talked to other area SACs? If yes, explain:	☐ Yes ☒ No	Explain: No other areas effected. **Has degree been validated by the Advisory Committee?** ☒ Yes ☐ No	

SECTION # 2 PREREQUISITES AND OUTCOMES

PROPOSED PREREQUISITES

Course Number	Course Title or Placement level	Credits
WR 121	PLACEMENT INTO Writing 121	
MTH 65	PLACEMENT INTO Math 65	

Is this a limited entry program? Students must apply, via the department for program entry. The program will not be listed on the drop down menu in PCC web admissions.	☒ Yes ☐ No

PROPOSED OUTCOMES

Describe what we intend students to be able to do "out there" (in life roles: worker, family member, community citizen, global citizen, and life-long learner), as opposed to a classroom activity "in here"? Good outcomes statements will suggest context to indicate this "out there" and they will describe what students can DO with what they know. The committee will review the outcomes. For guidance on writing good outcome statements visit: http://www.pcc.edu/resources/academic/eac/curriculum/degree-certificate-development/new/program-outcomes.html

Identify which certificate outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the certificate outcomes.

Certificate Outcome	Core Outcome
Students who complete this degree should be able to:	
• Exercise the privileges of the FAA certificates appropriate to the pilot career that they seek: ➢ Commercial Pilot certificate with airplane single- and multi-engine and instrument airplane ratings. ➢ Flight Instructor certificate with airplane single- and multi-engine and instrument airplane ratings	Critical Thinking and Problem Solving Professional Competence
• Use knowledge and understanding of pilot industry trends, positions and operations gained in the Aviation Science program to: Implement a career plan; make informed career decisions; pursue the position of their choice in the aviation industry; and identify additional opportunities for advancement including advanced degrees and training to remain competitive in the pilot industry.	Community/Env Responsibility Critical Thinking/Prob solving Cultural Awareness Self-Reflection
• Research, interpret and evaluate the following prior to each flight such that the safe, efficient and legal outcome of a flight in never in doubt: ➢ Pilot self-assessment of fitness, proficiency and ability. ➢ Aircraft airworthiness and capabilities. ➢ Environmental conditions. ➢ Other operational considerations.	Communication Critical Thinking/Prob solving Professional Competence Self-Reflection
• Communicate clearly and concisely, both verbally and in writing, with fellow pilots, employers and the aviation community.	Communication Cultural Awareness
• Accurately performs calculations as required for flight operations and company records.	Professional Competence Critical Thinking/Prob Solving
• Operates aircraft consistent with an understanding of its impact on the environment, the community and the economic success of the company that employs them.	Community/Environ Responsibility Critical Thinking/Prob Solving Professional Competence
• Show respect for all individuals regardless of race, religion, cultural background, economic background or other differences.	Cultural Awareness Community / Environ Responsibility

SECTION # 3 COURSEWORK

All candidates for the Associate of Applied Science Degree must complete 16 credits of General Education from the General Education/Discipline Studies list. The categories are: 1) Arts and Letters. 2) Social Science, 3) Science/Math/Computer Science. These credits must include at least one course from each category and no more than two courses or eight credits from any one category. Please identify all General Education listed within your degree with *.

List all courses in the order that you want them distributed in the catalog. If you want them listed term by term then identify them in a term by term sequence on this form. If you want them identified as categories such as CORE, ELECTIVES, etc, then identify them as such.

The information you provide on this form will be reflected in the PCC catalog pages. Please ensure it is correct.

PROPOSED DEGREE COURSEWORK		
COURSE NUMBER	**COURSE TITLE**	**CREDITS**
AVS-120	Airplane Private Pilot Ground	4
AVS-125	Airplane Private Flight	4
AVS-127	Intro to Aviation	4
AVS-130	Instrument Ground School	4
AVS-135	Airplane Instrument Flight	3
AVS-137	Applied Aerodynamics	4
AVS-140	Airplane Commercial Ground	4
AVS-145	Introduction to Commercial Airplane	3
AVS-157	Aircraft Systems Airframe	3
AVS-167	Aircraft Systems Powerplant	3
AVS-225	Airplane Commercial Flight	4
AVS-227	Aviation Careers	4
AVS-230	Airplane Flight Instructor Ground	4
AVS-236	Airplane MEI Flight	2
AVS-243	Airplane CFI Single-Engine Ground/Flight	1
AVS-244	Airplane CFII Ground/Flight	1
AVS-255	Airplane Pilot Performance	1
GS-109	Meteorology*	4
AVS-107	Flight Prep Lab Level 1 (3 sections)	3
AVS-207	Flight Prep Lab Level 2 (3 sections)	3
AVS 237	Aviation Law and Regulations	4
AVS 267	Economics of Flight Operation	4
	Gen Ed	12
WR 121	English Composition	4
	AVS electives	3
	Total	**90**

	Aviation Science AAS Approved Electives List	
WR 122	English Composition	4
BA 211	Principles of Accounting I	3
PSY 201A	Intro to Psychology Part 1	4
G207	Geology of the NW	3
MTH 111	College Algebra	5
MTH 112	Elementary Functions	5
MTH241	Calculus for Management, Life, Social Science	4
MTH243	Statistics I	4
PHY 201	General Physics	4
CG100A	College Survival and Success	3
CG100B	College Survival and Success	2
CG100C	College Survival and Success	1
CG105	Scholarships	2
CG111A	Study Skills for College Learning	3
CG111B	Study Skills for College Learning	2
CG111C	Study Skills for College Learning	1
CG114	Financial Survival for College Students	1
CG145	Stress Management	1
CAS111D	Beginning Web Site Creation: Dreamweaver	3
EMS100	Intro to Emergency Medical Services	3
EMS105	EMT Basic Part 1	5
EMS106	EMT Basic Part 2	5
FN 110	Personal Nutrition	
HPE295	Health and Fitness for Life	
MSD 101	Principles of Management and Supervision	3
MSD 110	Gender Conflict Resolution	1
MSD 105	Interpersonal Communication	3
MSD 115	Improving Work Relations	3
MSD 117	Customer Relations	3
PE	Any 100- or 200-level course (up to 3 credits may apply to AAS degree)	
Foreign Language	Any 100- or 200-level courses	

SECTION # 4 (Please contact the Curriculum Office for support in filling out this section if needed.)					
Is this a statewide degree?	☐ Yes ☒ No	**Has the degree been approved by the consortium?**	☐ Yes ☒ No	**Requested implementation date:**	**Summer 2012**
Is this a degree option?	☒ Yes ☐☒ No	**If yes, name of the base degree:**		**Aviation Science Airplane**	
Eligible Training Provider Application	Complete the Eligible Training Provider application available on the Curriculum Office forms page. The value of being listed on the ETP list is that students who have Workforce Investment Act (WIA) funds may use the funds for their tuition. Return completed form to DAC@pcc.edu				
Submitted By:	Larry Altree				
Email:	laltree@pcc.edu				

Next steps:
1. Save the completed New Associate of Applied Science Request Form and submit as an e-mail attachment to dac@pcc.edu.
2. Download and print the New Associate of Applied Science Signature Page Form and obtain the appropriate signatures.
3. Staple the signed New Associate of Applied Science Signature Page Form to a hard copy of the New Associate of Applied Science Request Form (electronic version has already been sent in step one). Send both forms to Curriculum Office, Downtown Center, 4th floor.

new degree 5

Portland Community College	**ASSOCIATE OF APPLIED SCIENCE DEGREE** **REVISION REQUEST FORM**	**Directions: Fill out completely and return electronically to:** **dac@pcc.edu** **Signature pages should be intercampus mailed to:** **Curriculum Office DC / 4th floor**

SECTION # 1 OVERVIEW

Current Title:	Aviation Science Helicopter With Instrument	**Proposed Title:**	Aviation Science Helicopter
Current Credits:	90	**Proposed Credits:**	90

Overview and rationale for proposed changes:	Increase in credits for three courses (approved in Dec. Curriculum Committee meeting), and a decrease in approved electives to keep total at 90 credits for the AAS. Taking flight courses one credit at a time is being phased-out as it was not resulting in completion in a timely manner. Also, we wish to eliminate the non-instrument option as industry is insisting on the instrument rating almost universally now. Therefore, the title will reflect the fact that this will be the only option. We will need to teach down the non-instrument rating for at least one year.
List of specific changes being proposed (i.e. may include, addition or deletion of courses, title changes, credit changes, prerequisite changes, outcome changes, course changes, etc). Use simple text such as Add, Remove, Change, Revise to inform the reader of the changes desired.	Increase credits for AVS-115 (from 4 to 5). Add: AVS-216 (5) Add: AVS-156 (4) Remove AVS-215 (4) Remove AVS-155 (3) Remove the following one-credit flight course options" AVS-111, AVS-112, AVS-113, AVS-151, AVS-152, AVS-153, AVS-211, AVS-212, AVS-213, AVS-214, AVS-261, AVS-262, and AVS-263. New title reflects elimination of non-Instrument rating option. Revise degree outcomes Revise prerequisites

SECTION # 2 PREREQUISITES AND OUTCOMES

All degree/certificate outcomes will be reviewed by the committee regardless of whether or not outcomes have changed.

Current Prerequisites	Does the revision involve changing degree prerequisites?	☒ Yes	☐ No
Course Number	**Course Title or Placement level**		

WR115	Placement into Writing 115	
MTH 60	Placement into Math 60	

Proposed Prerequisites		
Course Number	**Course Title or Placement level**	
WR 121	PLACEMENT INTO WR 121	
MTH 65	PLACEMENT INTO MATH 65	

Current Outcomes: **Required whether or not outcomes are being changed.**	Describe what we intend students to be able to do "out there" (in life roles: worker, family member, community citizen, global citizen, and life-long learner), as opposed to a classroom activity "in here"? Good outcomes statements will suggest context to indicate this "out there" and they will describe what students can DO with what they know. The committee will review the outcomes. For guidance on writing good outcome statements.	**Does the revision involve changing degree outcomes?** ☒Yes ☐No

Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS degree outcomes.

Degree Outcome	**Core Outcome**
Students who complete this degree should be able to:	
• Exercise the privileges of the FAA certificates appropriate to the pilot career that they seek: For Airplane: ➢ Commercial Pilot certificate with airplane single- and multi-engine and instrument helicopter ratings. ➢ Flight Instructor certificate with airplane single- and multi-engine and instrument helicopter ratings (If Flight Instructor specialization is chosen). For Helicopter: ➢ Commercial Pilot Certificate with Rotorcraft Helicopter and optional Instrument Helicopter rating ➢ Flight Instructor Rating with Rotorcraft Helicopter rating.	Critical Thinking and Problem Solving Professional Competence
• Use knowledge and understanding of pilot industry trends, positions and operations gained in the Aviation Science program to: Implement a career plan; make informed career decisions; secure the position of their choice in the aviation industry; and identify additional opportunities for advancement including advanced degrees and training to remain competitive in the pilot industry.	Community/Env Responsibility Critical Thinking/Prob solving Cultural Awareness Self-Reflection
• Research, interpret and evaluate the following prior to each flight such that the safe, efficient and legal outcome of a flight in never in doubt: ➢ Pilot self-assessment of fitness, proficiency and ability. ➢ Aircraft airworthiness and capabilities.	Communication Critical Thinking/Prob solving Professional Competence Self-Reflection

➢ Environmental conditions. ➢ Other operational considerations.	
• Communicate clearly and concisely, both verbally and in writing, with fellow pilots, employers and the aviation community.	Communication Cultural Awareness
• Accurately performs calculations as required for flight operations and company records.	Professional Competence Critical Thinking/Prob Solving
• Operates aircraft consistent with an understanding of its impact on the environment, the community and the economic success of the company that employs them.	Community/Environ Responsibility Critical Thinking/Prob Solving Professional Competence
• Show respect for all individuals regardless of race, religion, cultural background, economic background or other differences.	Cultural Awareness Community / Environ Responsibility

Revised Outcomes:
Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS degree outcomes.

Degree Outcome	Core Outcome
Students who complete this degree should be able to:	
• Exercise the privileges of the FAA certificates appropriate to the pilot career that they seek: ➢ Commercial Pilot Certificate with Rotorcraft Helicopter and optional Instrument Helicopter rating ➢ Flight Instructor Rating with Rotorcraft Helicopter rating.	Critical Thinking and Problem Solving Professional Competence
• Use knowledge and understanding of pilot industry trends, positions and operations gained in the Aviation Science program to: Implement a career plan; make informed career decisions; pursue the position of their choice in the aviation industry; and identify additional opportunities for advancement including advanced degrees and training to remain competitive in the pilot industry.	Community/Env Responsibility Critical Thinking/Prob solving Cultural Awareness Self-Reflection
• Research, interpret and evaluate the following prior to each flight such that the safe, efficient and legal outcome of a flight in never in doubt: ➢ Pilot self-assessment of fitness, proficiency and ability. ➢ Aircraft airworthiness and capabilities. ➢ Environmental conditions. Other operational considerations.	Communication Critical Thinking/Prob solving Professional Competence
• Communicate clearly and concisely, both verbally and in writing, with fellow pilots, employers and the aviation community.	Communication Cultural Awareness
• Accurately performs calculations as required for flight operations and company records.	Professional Competence Critical Thinking/Prob Solving
• Operates aircraft consistent with an understanding of its impact on the environment, the community and the economic success of the company that employs them.	Community/Environ Responsibility Critical Thinking/Prob Solving Professional Competence

• Show respect for all individuals regardless of race, religion, cultural background, economic background or other differences.				Cultural Awareness Community / Environ Responsibility	

SECTION # 3 COURSE BY COURSE COMPARISON

List all courses (current AND proposed) in the order that they are distributed in the **catalog**. If listed term by term then identify them in a term by term sequence on this form. If they identified within categories such as CORE, ELECTIVES, etc, then identify them as such.

If you are adding a course place it in the preferred term or category, identify such a course with (add) and bold the text in the line.
If you want to rearrange the order of courses within the term by term sequence do so on this form.
If you are removing a course identify the course with (remove) and bold the text.
If the course title is changed identify the course with (title change) and bold the text.
If the course credits have changed identify the course with (increase or decrease credit) and bold the text.
If you need more lines to accommodate the courses, right click and insert rows.

The information you provide on this form will be reflected in the PCC catalog pages and GRADplan. Please ensure it is correct.

CURRENT DEGREE INFORMATION			PROPOSED DEGREE INFORMATION		
COURSE NUMBER	COURSE TITLE	CREDITS	COURSE NUMBER	COURSE TITLE	CREDITS
AVS107	Flight Lab Level 1	1	AVS107	Flight Lab Level 1 (2 sections)	2
AVS107	Flight Lab Level 1	1	AVS110	Helicopter Private Ground	4
AVS110	Helicopter Private Ground	4	**AVS115**	**Helicopter Private Flight (increase credits)**	**5**
AVS115	Helicopter Private Flight	4	AVS127	Introduction to Aviation	4
	Or		AVS130	Instrument Ground School	4
AVS111	**Helicopter: Pre-Solo (remove)**	2	AVS137	Applied Aerodynamics	4
	and		**AVS156**	**Helicopter: Intro Comm Flight (add)**	**4**
AVS112	**Helicopter: Priv Cross-Country (remove)**	1	AVS157	Aircraft Systems: Airframe	3
	and		AVS167	Aircraft Systems: Powerplant	3
AVS113	**Helicopter: Priv Proficiency(remove)**	1	AVS207	Flight Lab Level 2 (2 sections)	2
AVS127	Introduction to Aviation	4	AVS150	Helicopter: Commercial Ground	3
AVS130	Instrument Ground School	4	**AVS216**	**Helicopter:Commercial Flight B (add)**	**5**

degree revision   4

AVS137	Applied Aerodynamics		4	AVS227	Aviation Careers	4
AVS150	Helicopter: Commercial Ground		3	AVS237	Aviation Law & Regulations	4
AVS155	**Helicopter: Intro Comm Flight (REMOVE)**		3	AVS260	Helicopter: CFI Ground	4
	Or			AVS265	Helicopter: CFI Flight	3
AVS151	**Helicopter: Comm XC (REMOVE)**		1	AVS267	Economics of Flight Operations	4
	and			**AVSELE**	**Aviation Science Electives (reduce credits)**	**12**
AVS152	**Helicopter: Commercial Basics (REMOVE)**		1	GS109	Physical Science (Meteorology)	4
	and			PHY101	Fundamentals of Physics I	4
AVS153	**Helicopter: Comm Basc Practice (REMOVE)**		1		General Education Courses	8
AVS157	Aircraft Systems: Airframe		3			
AVS167	Aircraft Systems: Powerplant		3			
AVS207	Flight Lab Level 2		1			
AVS207	Flight Lab Level 2		1			
AVS211	**Helicopter: Instrument Intro (REMOVE)**		1			
	and					
AVS212	**Helicopter: Instr Procedures (REMOVE)**		1			
	and					
AVS213	**Helicopter: Adv Commercial (REMOVE)**		1			
	and					
AVS214	**Helicopter: Comm Test Prep (REMOVE)**		1			
	Or					
AVS215	**Helicopter:Commercial Flight B (REMOVE)**		4			
AVS227	Aviation Careers		4			
AVS237	Aviation Law & Regulations		4			
AVS260	Helicopter: CFI Ground		4			
AVS265	Helicopter: CFI Flight		3			

	Or				
AVS261	**Helicopter: Intro to CFI (REMOVE)**	1			
	and				
AVS262	**Helicopter: CFI Development (REMOVE)**	1			
	and				
AVS263	**Helicopter: CFI Test Prep (REMOVE)**	1			
AVS267	Economics of Flight Operations	4			
AVSELE	Aviation Science Electives	15			
GS109	Physical Science (Meteorology)	4			
PHY101	Fundamentals of Physics I	4			
	Or				
PHY201	General Physics	4			
	General Education Courses	8			
	Credit Total	**90**		**Credit Total**	90
	AVS Approved Electives (current):			**AVS Approved Electives (Proposed):**	
				Everything on previous list plus:	
BA101	Introduction to Business	4	WR 122	English Composition	4
BA206	Management Fundamentals	3	BA 211	Principles of Accounting I	3
CAS133	Basic Computer Skill/MS Office	4	PSY 201A	Intro to Psychology Part 1	4
CAS170	Beginning Excel	3	G207	Geology of the NW	3
CAS171	Intermediate Excel	3	MTH 111	College Algebra	5
CAS216	Beginning Word	3	MTH 112	Elementary Functions	5
CAS217	Intermediate Word	3	MTH241	Calculus for Management, Life, Social Science	4
CIS120	Computer Concepts I	4	MTH243	Statistics I	4
CIS121	Computer Concepts II	4	PHY 201	General Physics	4
EC200	Prin Econ: Intro, Inst & Phil	4	CG100A	College Survival and Success	3
EC201	Prin Econ: Microeconomics	4	CG100B	College Survival and Success	2
EC202	Prin Econ: Macroeconomics	4	CG100C	College Survival and Success	1
PHY101	Fundamentals of Physics I	4	CG105	Scholarships	2

PSY101	Psychology and Human Relations		4	CG111A	Study Skills for College Learning	3
WR117	Intro to Technical Writing		3	CG111B	Study Skills for College Learning	2
WR121	English Composition		4	CG111C	Study Skills for College Learning	1
WR227	Technical/Profession WR 1		4	CG114	Financial Survival for College Students	1
				CG145	Stress Management	1
				CAS111D	Beginning Web Site Creation: Dreamweaver	3
				EMS100	Intro to Emergency Medical Services	3
				EMS105	EMT Basic Part 1	5
				EMS106	EMT Basic Part 2	5
				FN 110	Personal Nutrition	
				HPE295	Health and Fitness for Life	
				MSD 101	Principles of Management and Supervision	3
				MSD 110	Gender Conflict Resolution	1
				MSD 105	Interpersonal Communication	3
				MSD 115	Improving Work Relations	3
				MSD 117	Customer Relations	3
				PE	Any 100- or 200-level course (up to 3 credits may apply to AAS degree)	
				Foreign Language	Any 100- or 200-level courses	

SECTION # 4 (Please contact the Curriculum Office for support in filling out this section if needed.)

Is this a statewide degree?	☐ Yes ☒ No	Has the change been approved by the consortium?	☐ Yes ☒ No
Is this a degree option?	☐ Yes ☒ No	If yes, name of the base degree:	
Are there any career pathway(s) or related certificates attached to this degree?	☐ Yes ☒ No	If yes, name of career pathway(s) or related certificate	

Requested Implementation Term (Please refer to **Degree/Certificate timeline** implementation guidelines)	Summer 2012

Submitted By:	**Larry Altree**
Email:	**laltree@pcc.edu**

Next steps:
1. Save the completed Associate of Applied Science Revision Request Form and submit as an e-mail attachment to dac@pcc.edu.
2. Download and print the Associate of Applied Science Revision Signature Page Form and obtain the appropriate signatures.
3. Staple the signed Associate of Applied Science Signature Page Form to a hard copy of the Associate of Applied Science Revision Request Form (electronic version has already been sent in step one). Send both forms to Curriculum Office, Downtown Center, DC - 4th floor via campus mail.

	ASSOCIATE OF APPLIED SCIENCE DEGREE **REVISION REQUEST FORM**	**Directions: Fill out completely and return electronically to:** **dac@pcc.edu** **Signature pages should be intercampus mailed to:** **Curriculum Office DC / 4th floor**

SECTION # 1 OVERVIEW

Current Title:	Dental Hygiene AAS	**Proposed Title:**	
Current Credits:	108	**Proposed Credits:**	108
Overview and rationale for proposed changes:	DH 128 Oral Histology is a heavy science course currently at 1 credit hour. The amount of work and time the students need to succeed in the course is equivalent to more than 1 credit hour. DH 203 Dental Hygiene Theory IV is a course during the final term of the program that focuses on professionalism and career development and is a 3 credit course. We propose that 1 credit be removed from DH 203 and shifted to DH 128.		
List of specific changes being proposed (i.e. may include, addition or deletion of courses, title changes, credit changes, prerequisite changes, outcome changes, course changes, etc). Use simple text such as Add, Remove, Change, Revise to inform the reader of the changes desired.	1. **DH 128 increase credit 1 - 2** 2. **DH 203 decrease credit 3 - 2**		

SECTION # 2 PREREQUISITES AND OUTCOMES
All degree/certificate outcomes will be reviewed by the committee regardless of whether or not outcomes have changed.

Current Prerequisites	**Does the revision involve changing degree prerequisites?**	☐ **Yes**	x☐ **No**
Course Number	**Course Title or Placement level**		
N/A			

Proposed Prerequisites		
Course Number	**Course Title or Placement level**	
N/A		
Current Outcomes: Required whether or not outcomes are being changed.	Describe what we intend students to be able to do "out there" (in life roles: worker, family member, community citizen, global citizen, and life-long learner), as opposed to a classroom activity "in here"? Good outcomes statements will suggest context to indicate this "out there" and they will describe what students can DO with what they know. The committee will review the outcomes. For guidance on writing good outcome statements.	**Does the revision involve changing degree outcomes?** ☐Yes x☐No

Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS degree outcomes.

Degree Outcome	Core Outcome
Students who complete this degree should be able to:	
Communicate effectively with patients, peers, the public and other healthcare professionals using verbal, non-verbal and written language with clarity, coherence and purpose.	Communication
Apply scientific research methods to support evidence-based treatment modalities with specific concern for oral health and overall health.	Critical Thinking and Problem Solving, Professional Competence
Identify problems, investigate and use appropriate methods of reasoning, and develop creative and practical solutions to personal, professional and community issues regarding the delivery of oral health care.	Critical Thinking and Problem Solving
Understand and identify personal and public overgeneralizations and stereotyping and how these attitudes affect oral health beliefs and issues that arise from differences, while providing appropriate and effective care to diverse client populations in an increasing global marketplace.	Cultural Awareness
Competently assess, plan, implement and evaluate individual and/or community needs related to oral disease prevention and therapy in an ever-changing healthcare environment.	Professional Competence

Enhance knowledge as a life-long learner in healthcare by seeking peer support in professional associations, fulfilling continuing education and exploring career and educational advancements.	Professional Competence
Advocate for oral health and overall health for patients/communities by linking them with the appropriate resources and human services for individual needs and practice ethically within the score of practice for dental hygienists as regulated by the State Dental Licensing Board.	Community and Environmental Responsibilities
Fulfill characteristics of a desired employee by demonstrating skills, teamwork, collaboration, respect, efficiency, and customer/patient service.	Communication, Critical Thinking and Problem Solving, Cultural Awareness, Professional Competence
Examine and self assess one's own academic skill, professional competence and personal beliefs as they impact self and others to grow personally and professionally.	Self-Reflection
Place and finish dental restorations in teeth prepared by the dentist as allowed in the Oregon State Practice Act governing dental hygienists.	Professional Competence

Revised Outcomes:
Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS degree outcomes.

Degree Outcome	Core Outcome
Students who complete this degree should be able to:	
N/A	**N/A**

SECTION # 3 COURSE BY COURSE COMPARISON

List all courses (current AND proposed) in the order that they are distributed in the catalog. If listed term by term then identify them in a term by term sequence on this form.   If they identified within categories such as CORE, ELECTIVES, etc, then identify them as such.

If you are adding a course place it in the preferred term or category, identify such a course with (add) and bold the text in the line.
If you want to rearrange the order of courses within the term by term sequence do so on this form.

degree revision   3

If you are removing a course identify the course with (remove) and bold the text.
If the course title is changed identify the course with (title change) and bold the text.
If the course credits have changed identify the course with (increase or decrease credit) and bold the text.
If you need more lines to accommodate the courses, right click and insert rows.

The information you provide on this form will be reflected in the PCC catalog pages and GRADplan. Please ensure it is correct.

CURRENT DEGREE INFORMATION			PROPOSED DEGREE INFORMATION		
COURSE NUMBER	COURSE TITLE	CREDITS	COURSE NUMBER	COURSE TITLE	CREDITS
DH 101	Dental Hygiene Theory I	4	DH 101	Dental Hygiene Theory I	4
DH 104	Dental Hygiene Practice	3	DH 104	Dental Hygiene Practice	3
DH 113	Dental Anatomy	2	DH 113	Dental Anatomy	2
DH 113L	Dental Anatomy Lab	1	DH 113L	Dental Anatomy Lab	1
DH 121	Oral Health Education & Promotion	1	DH 121	Oral Health Education & Promotion	1
DH 127	Medical Emergencies	2	DH 127	Medical Emergencies	2
DH 111	Speech Communication	4	DH 111	Speech Communication	4
DH 102	Dental Hygiene Theory II	2	DH 102	Dental Hygiene Theory II	2
DH 105	Dental Hygiene Practice	3	DH 105	Dental Hygiene Practice	3
DH 110	Cariology	2	DH 110	Cariology	2
DH 128	Oral Histology	1	**DH 128**	**Oral Histology (increase credit)**	**2**
DH 228	Head and Neck Anatomy	2	DH 228	Head and Neck Anatomy	2
DH 236	Ethics and Jurisprudence	1	DH 236	Ethics and Jurisprudence	1
DH 230	Dental Materials	2	DH 230	Dental Materials	2
PSY 111	General Psychology	4	PSY 111	General Psychology	4
DH 103	Dental Hygiene Theory III	2	DH 103	Dental Hygiene Theory III	2
DH 106	Dental Hygiene Practice III	3	DH 106	Dental Hygiene Practice III	3
DH 109	Dental Radiology I	2	DH 109	Dental Radiology I	2
DH 109L	Dental Radiology Lab	1	DH 109L	Dental Radiology Lab	1
DH 129	Oral Pathology	3	DH 129	Oral Pathology	3
DH 246	Pharmacology	3	DH 246	Pharmacology	3
SOC 204	General Sociology	4	SOC 204	General Sociology	4
DH 240	Introduction to Restorative Dentistry	2	DH 240	Introduction to Restorative Dentistry	2
FN 225	Nutrition	4	FN 225	Nutrition	4
DH 204A	Dental Hygiene Practice VI	1	DH 204A	Dental Hygiene Practice VI	1
DH 210	Dental Radiology Lab II	2	DH 210	Dental Radiology Lab II	2

degree revision   4

DH 241	Restorative Dentistry I (2 hr Lec /2 hr Lab)	4	DH 241	Restorative Dentistry I (2 hr Lec /2 hr Lab)	4
DH 242	Restorative Dentistry II (2 hr Lec /2 hr Lab)	4	DH 242	Restorative Dentistry II (2 hr Lec /2 hr Lab)	4
DH 201	Dental Hygiene Theory VI	2	DH 201	Dental Hygiene Theory VI	2
DH 204B	Dental Hygiene Practice VI	4	DH 204B	Dental Hygiene Practice VI	4
DH 208	Community Oral Health I	2	DH 208	Community Oral Health I	2
DH 229	Local Anesthesia	2	DH 229	Local Anesthesia	2
DH 260	Periodontology	2	DH 260	Periodontology	2
DH 243	Restorative Dentistry III	1	DH 243	Restorative Dentistry III	1
DH 202	Dental Hygiene Theory V	3	DH 202	Dental Hygiene Theory V	3
DH 205	Dental Hygiene Practice V	5	DH 205	Dental Hygiene Practice V	5
DH 250	Research Methods & Issues in Oral Health	1	DH 250	Research Methods & Issues in Oral Health	1
DH 252	Community Oral Health II	2	DH 252	Community Oral Health II	2
DH 244	Restorative Dentistry IV	1	DH 244	Restorative Dentistry IV	1
DH 203	Dental Hygiene Theory VI	3	**DH 203**	**Dental Hygiene Theory VI (reduce credit)**	**2**
DH 206	Dental Hygiene Practice VI	5	DH 206	Dental Hygiene Practice VI	5
DH 253	Community Oral Health	2	DH 253	Community Oral Health	2
DH 245	Restorative Dentistry V	1	DH 245	Restorative Dentistry V	1
	Credit Total	**108**		**Credit Total**	108

SECTION # 4   (Please contact the Curriculum Office for support in filling out this section if needed.)

Is this a statewide degree?	☐ Yes x☐ No	**Has the change been approved by the consortium?**	☐ Yes ☐ No
Is this a degree option?	☐ Yes x ☐ No	**If yes, name of the base degree:**	
Are there any career pathway(s) or related certificates attached to this degree?	☐ Yes x☐ No	**If yes, name of career pathway(s) or related certificate**	

Requested Implementation Term (Please refer to **Degree/Certificate timeline** implementation guidelines)	Winter 2013

Submitted By:	**Nancy Pilgrim, SAC Chair Dental Hygiene**
Email:	**npilgrim@pcc.edu**

	NEW CERTIFICATE REQUEST FORM	**Directions: Fill out completely and return electronically to:** **dac@pcc.edu** **Signature pages should be intercampus mailed to:** **Curriculum Office DC – 4th floor**
Portland Community College		

SECTION # 1 OVERVIEW			

Proposed Title:	Fire Protection Pre-Employment Certificate	**Proposed Credits:**	**42**
Reason for new certificate:	The certificate will prepare students to meet national standards for basic fire fighting in a short period of time.		

Impact on other areas of instruction: Have you talked to other area SACs? If yes, explain:	☐ **Yes** ☒ **No**	**Explain:**	**Has certificate been validated by the Advisory Committee?**	☒ **Yes** ☐ **No**

SECTION # 2 PREREQUISITES AND OUTCOMES

PROPOSED PREREQUISITES		

Course Number	**Course Title or Placement level**	**Credits**
	Placement into MTH 60 or higher	4
	Placement into WR 115 or higher	4
	Placement into RD 90 or higher	3

Is this a limited entry program? Students must apply, via the department for program entry. The program will not be listed on the drop down menu in PCC web admissions.	☐ **Yes** ☒ **No**

PROPOSED OUTCOMES

Outcomes statements suggest context to indicate "out there" and they describe what students can DO with what they know. The committee members will review the outcomes. For guidance on writing outcome statements.

Identify which certificate outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the certificate outcomes.

Certificate Outcome	Core Outcome
Students who complete this certificate should be able to: meet the fire-related performance objectives in NFPA 1001, *Standard for Fire Fighter Professional Qualifications*, Fire Fighter I and II, which include:	
(a) Perform duties safely and effectively in accordance with the fire department organizational structure	communication, professional competence
(b) Communicate effectively with the general public, crew members, supervisors, and other emergency responders	communication, professional competence, community and environmental responsibility, and cultural awareness
(c) Operate safely and effectively on an emergency scene	communication, professional competence, critical thinking
(e) Perform prevention, preparedness, and maintenance activities related to reducing the loss of life and property due to fire through hazard identification, inspection, and response readiness.	communication, professional competence, critical thinking, community and environmental responsibility
Students who complete this certificate should be able to meet all the requirements of NFPA 472, Standard for Competencies of responders to Hazardous Material/Weapons of Mass Destruction Incidents which include:	
(a) Recognize the presence of the hazardous materials/WMD, protect themselves, call for trained personnel, and secure the scene. (Awareness)	communication, professional competence, critical thinking, community and environmental responsibility
(b) Respond to hazardous materials/WMD incidents for the purpose of protecting nearby persons, the environment, and property from the effects of the release. (Operations)	communication, professional competence, critical thinking, community and environmental responsibility, self reflection

SECTION # 3 COURSEWORK

List all courses in the order that you want them distributed in the catalog. If you want them listed term by term then identify them in a term by term sequence on this form.   If you want them identified as categories such as CORE, ELECTIVES, etc, then identify them as such.

The information you provide on this form will be reflected in the PCC catalog pages. Please ensure it is correct.		

PROPOSED CERTIFICATE COURSEWORK

COURSE NUMBER	COURSE TITLE	CREDITS
FP101	Principles of Emergency Services	3
FP 111	Fire Academy, Part 1	10
FP 112	Fire Academy, Part 2	7
FP 123	Hazardous Materials: Awareness and Operations	3
EMS 105	Emergency Medical Technician Basic Part I	5
EMS 106	Emergency Medical Technician Basic Part II	5
FP 280A	Coop. Education	3
FP 280A	Coop. Education	3
FP 133	Wildland Fire Fighter	3
	Confirm total number of credits	**Credit Total**	**42**

SECTION # 4   (Please contact the Curriculum Office for support in filling out this section if needed.)

Is this a Statewide Certificate?	☐ Yes ☒ No	Has the certificate been approved by the consortium?	☐ Yes ☐ No	Requested implementation term:	Fall 2013

Eligible Training Provider Application

Complete the Eligible Training Provider application available on the Curriculum Office forms page. The value of being listed on the ETP list is that students who have Workforce Investment Act (WIA) funds may use the funds for their tuition. Return completed form to DAC@pcc.edu

Certificates 45 credits or more require related instruction. Fill out a Template for Related Instruction located at:
(http://www.pcc.edu/recources/academic/eac/degree/forms.html
All courses identified as fulfilling the embedded related instruction requirement must have been reviewed and recommended by the Curriculum Committee and the details outlined on the CCOG.

Submitted By:	**Doug Smith**
Email:	**doug.smiith@pcc.edu**

		CERTIFICATE **REVISION REQUEST** **FORM**	**Directions: Fill out completely and** **return electronically to:** **dac@pcc.edu** **Signature pages should be intercampus mailed to:** **Curriculum Office DC 4th floor**

SECTION #1 OVERVIEW

Current Title:	GIS Certificate	**Proposed Title:**	
Current Credits:	44	**Proposed Credits:**	
Overview and rationale for proposed changes:	A new core class is being added and in order to keep the credits the same, we will drop 4 elective credit hours. Additionally, one new elective course is being added.		
List of specific changes being proposed i.e. may include, addition or deletion of courses, title changes, credit changes, prerequisite changes, outcome changes, course changes etc.	1. **Add: Geo 264 (Maps & Geospatial Concepts) to core requirements** 2. **Reduce the number of elective credits to 12** 3. **Add: Geo 223 (Field Geography: GPS & GIS) to GIS Certificate Electives** 4. **Add: Geo 280A & 280B (Cooperative Education) to GIS Certificate Electives**		

SECTION #2 REVISION AREAS

Prerequisites

Current Prerequisites	**Does the revision involve changing certificate prerequisites?**	☐ **Yes**	**X No**
Course Number	**Course Title or Placement level**		

Proposed Prerequisites		
Course Number	**Course Title or Placement level**	
Current Outcomes: Required whether or not outcomes are being changed.	Describe what we intend students to be able to do "out there" (in life roles: worker, family member, community citizen, global citizen, and life-long learner), as opposed to a classroom activity "in here"? Good outcomes statements will suggest context to indicate this "out there" and they will describe what students can DO with what they know. The committee will review the outcomes. For guidance on writing good outcome statements.	**Does the revision involve changing certificate outcomes?** ☐ **Yes** X**No**

Identify which certificate outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the certificate outcomes.

Certificate Outcome***	Core Outcome
Students who complete this certificate should be able to:	
- Communicate geographic information, verbally and graphically, to a variety of audiences using geographic tools and technologies	Communication, Professional Competence,
- Analyze critically geographic problems and questions	Critical thinking & problem solving, Professional Competence, Cultural Awareness
- Collect, create, analyze, and document geographic information for various applications and disciplines	Critical thinking & problem solving, Community & Environmental Responsibility, Professional Competence
- Use geographic concepts and GIS technologies to input, store, query, and retrieve spatial and attribute data	Professional Competence

Revised Outcomes:
Identify which certificate outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the certificate outcomes.

Certificate Outcome	Core Outcome
Students who complete this certificate should be able to:	
No Change	

	Related Instruction	
Does the revision involve changing or adding Related Instruction?		☐Yes XNo
If yes, a template for Related Instruction will need to be filled out. The template can be found at: (http://www.pcc.edu/recources/academic/eac/degree/forms.html)		
Additional Comments Or Changes		

SECTION #3 COURSE BY COURSE COMPARISON

List all courses (current AND proposed) in the order that they are distributed in the **catalog**. If listed term by term then identify them in a term by term sequence on this form.   If they identified within categories such as CORE, ELECTIVES, etc, then identify them as such.
    If you are adding a course place it in the preferred term or category on this form. If you want to rearrange the order of courses within the term by term sequence do so on this form.
    The information you provide on this form will be reflected in the PCC catalog pages. Please ensure it is correct.

Current Certificate Information			Proposed Certificate Information		
Course Number	**Course Title**	**Credits**	**Course Number**	**Course Title**	**Credits**
	CORE			CORE	
Sp 111	Public Speaking	4	Sp 111	Public Speaking	4
Geo 105	Intro to Human Geography	4	Geo 105	Intro to Human Geography	4
Geo 106	Geography of the Developed World	4	Geo 106	Geography of the Developed World	4
Geo 107	Geography of the Developing World	4	Geo 107	Geography of the Developing World	4

Geo 265	Intro to GIS	4	**Geo 264**	**Maps & Geospatial Concepts (Add)**	**4**
Geo 266	GIS Analysis	4	Geo 265	Intro to GIS	4
Geo 267	GIS Applications	4	Geo 266	GIS Analysis	4
			Geo 267	GIS Applications	4
	ELECTIVES			ELECTIVES	
Varies	**Elective Credits**	**16**	**Varies**	**GIS Certificate Electives (decrease from 16)**	**12**
			Geo 223	**Field Geography: GPS & GIS (Add to elective list)**	**4**
			Geo 280 A	**Cooperative Education: Geography**	**4**
			Geo 280B	**Cooperative Education: Geography Seminar**	**1**
	Credit total	44		**Credit total**	44

SECTION #4 (Please contact the Curriculum Office for support in filling out this section)		
Is this a Related Certificate?	☐ Yes X No	**Is this a Career Pathway?** ☐ Yes X No
If yes, what is the base degree?		**Will the proposed change affect the Career Pathway or Related Certificate?** ☐ Yes ☐ No
If yes, how?		
Is this a statewide certificate? ☐ Yes X No		**If yes, has the change been approved by the consortium?** ☐ Yes ☐ No
Requested Implementation Term (Please refer to Degree/Certificate timeline implementation guidelines)		Fall 2012

Submitted by:	Christina Friedle
Email:	Christina.friedle@pcc.edu
Phone:	971-722-4072

Next steps:

1. Save the completed Certificate Revision Request Form and submit as an e-mail attachment to dac@pcc.edu
2. If needed, attach the Related Instruction Form to the same e-mail.
3. Download and print the Associate of Applied Science/Certificate Revision Signature Page Form and obtain the appropriate signatures.
4. Staple the signed Associate of Applied Science/Certificate Revision Signature Page Form to a hard copy of the Certificate Revision Request Form (electronic version has already been sent in step one). Send both forms to Curriculum Office, Downtown Center DC 4th floor via campus mail.

	CERTIFICATE **REVISION REQUEST** **FORM**	**Directions: Fill out completely and** **return electronically to:** **dac@pcc.edu** **Signature pages should be intercampus mailed to:** **Curriculum Office DC 4th floor**

SECTION #1 OVERVIEW

Current Title:	End of Life Care & Support	**Proposed Title:**	**End of Life Care & Support**
Current Credits:	36	**Proposed Credits:**	**36**
Overview and rationale for proposed changes:	GRN238 (3 credits) is being deleted, and replaced by GRN245 (1 credit) and GRN246 (2 credits). This allows for the 1 credit GRN245 Guardianship Introduction to be offered each term in an online format for statewide access for family and general guardianship/conservatorship information, with the 2 credit GRN246 Guardian Conservator Training course focused on guardianship and conservatorship professional practice.		
List of specific changes being proposed which may include, addition or deletion of courses, title changes, credit changes, prerequisite changes, outcome changes, course changes etc. **Use consistent words – Add, Remove, Increase, Decrease,Change**	1. **DELETE GRN238 Guardian Conservator Training (3 credits)** 2. **ADD GRN245 Guardian Introduction (1 credit)** 3. **Add: GRN246 Guardian Conservator Training (2 credits)**		

SECTION #2 REVISION AREAS

Prerequisites

Current Prerequisites	**Does the revision involve changing certificate prerequisites?**	☐ **Yes**	☒ **No**

Course Number	Course Title or Placement level	

Proposed Prerequisites

Course Number	Course Title or Placement level	

Current Outcomes: Required whether or not outcomes are being changed.	Describe what we intend students to be able to do "out there" (in life roles: worker, family member, community citizen, global citizen, and life-long learner), as opposed to a classroom activity "in here"? Good outcomes statements will suggest context to indicate this "out there" and they will describe what students can DO with what they know. The committee will review the outcomes. For guidance on writing good outcome statements.	**Does the revision involve changing certificate outcomes?** ☐Yes ☒No

Identify which certificate outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the certificate outcomes.

Certificate Outcome	Core Outcome
Students who complete this certificate should be able to:	
1. Guide family members and dying persons through the end of life process, including social, psychological, medical, financial, legal, and spiritual issues related to care and support.	1-6
2. Assess and document the care and support needs and assets of the dying person, their family and social support network; communicate and collaborate with all related parties; and facilitate access to appropriate resources, while working with other professionals and with diverse stakeholders in a coordinated care and support plan.	1-6
3. Apply best practices of person-centered and directed care and support, and adhere to professional and ethical standards in supporting the dying person, and working effectively with all stakeholders, including legal, medical, financial,	1-6

insurance, relevant government programs, and other professionals, as well as family and the dying person's social support network.	

Revised Outcomes:
Identify which certificate outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the certificate outcomes.

Certificate Outcome	Core Outcome
Students who complete this certificate should be able to:	

Related Instruction

Does the revision involve changing or adding Related Instruction?	☐Yes ☒No
If yes, a template for Related Instruction will need to be filled out. The template can be found at: (http://www.pcc.edu/recources/academic/eac/degree/forms.html)	

Additional Comments Or Changes

SECTION #3 COURSE BY COURSE COMPARISON

List all courses (current AND proposed) in the order that they are distributed in the catalog. If listed term by term then identify them in a

term by term sequence on this form.   If they identified within categories such as CORE, ELECTIVES, etc, then identify them as such.

If you are adding a course place it in the preferred term or category, identify such a course with (add) and bold the text in the line.
If you want to rearrange the order of courses within the term by term sequence do so on this form.
If you are removing a course identify the course with (remove) and bold the text.
If the course title is changed identify the course with (title change) and bold the text.
If the course credits have changed identify the course with (increase or decrease credit) and bold the text.
If you need more lines to accommodate the courses, right click and insert rows.

The information you provide on this form will be reflected in the PCC catalog pages and GRADplan. Please ensure it is correct.

Current Certificate Information			Proposed Certificate Information			
Course Number	Course Title	Cr	Course Number	Course Title	Credit	
GRN181	Exploring the Field of Aging	2	GRN181	Exploring the Field of Aging	2	
PHL207	Ethical Issues in Aging	4	PHL207	Ethical Issues in Aging	4	
SOC223	Sociology of Aging	4	SOC223	Sociology of Aging	4	
SOC231	Sociology of Health & Aging	4	SOC231	Sociology of Health & Aging	4	
SOC232	Death & Dying: Culture & Issues	4	SOC232	Death & Dying: Culture & Issues	4	
GRN131	Hospice Basics	1	GRN131	Hospice Basics	1	
GRN233	Supporting End of Life	4	GRN233	Supporting End of Life	4	
GRN237	End of Life Therapies	1	GRN237	End of Life Therapies	1	
GRN238	**Guardian-Conservator Training (remove)**	**3**	**GRN245**	**Guardianship Introduction (add)**	**1**	
GRN240	Care and Service Coordination	3	**GRN246**	**Guardian Conservator Training (add)**	**2**	
GRN280B	Gerontology Internship Seminar	1	GRN240	Care and Service Coordination	3	
GRN280A	Gerontology Internship	4	GRN280B	Gerontology Internship Seminar	1	
GRN282	Gerontology Professional Seminar	1	GRN280A	Gerontology Internship	4	
			GRN282	Gerontology Professional Seminar	1	
	Credit total	36		Credit total	36	

SECTION #4 (Please contact the Curriculum Office for support in filling out this section)

Is this a Related Certificate?	☐ Yes ☒ No	**Is this a Career Pathway?**	☒ Yes ☐ No
If yes, what is the base degree?		**Will the proposed change affect the Career Pathway or Related Certificate?** ☐ Yes ☒ No	
If yes, how?			
Is this a statewide certificate? ☐ Yes ☒ No		**If yes, has the change been approved by the consortium?** ☐ Yes ☐ No	
Requested Implementation Term (Please refer to **Degree/Certificate timeline** implementation guidelines)		Fall 2012	

Submitted by:	Jan Abushakrah
Email:	jabushak@pcc.edu
Phone:	971-722-4077

certificate revision   5