

Degrees and Certificates
2pm-4pm Conference Room A
June 3rd, 2009

Old Business:

2:00 Review of May 2009 DAC Minutes

New Business:

2:15 Scott Huff to discuss 300 level courses allowed in PCC degrees

2:30 Susanne/Kendra – Related Instruction

2:40 Susanne - DAC Retreat

3:00 Revision: Columbia Gorge CC - Renewable Energy Technology AAS: Mary Kramer

Revision: Columbia Gorge CC – Renewable Energy Technology Certificate: Mary Kramer

3:15 Revision: INSP Building Inspection Technology AAS: Debra Anderson

Revision: INSP Residential Structural and Mechanical Inspection and Plans Examination Certificate: Debra Anderson

Revision: INSP Commercial Structural and Mechanical Inspection Certificate: Debra Anderson

3:00 Revision: CAS/OS Website Development and Design Certificate: Ron Bekey

3:45 Revision: AVS Aviation Science - Airplane AAS: Larry Altree

Revision: AVS Aviation Science – Helicopter AAS: Larry Altree

4:00 Curriculum Report/Consent Agenda: Steve Smith

4:15 Registrar's Report: Rebecca Mathern

PORTLAND COMMUNITY COLLEGE

Associate of Applied Science/Certificate Revision Request Form

Current Degree/Certificate Title: Renewable Energy Technology AAS Degree

Proposed Degree/Certificate Title: Same

Reason for Revision:

1. Per industry request, provide more targeted training in Excel, thus adding CAS 170 to curriculum and removing CAS 133 and making it a prerequisite.

2. Change course titles to reflect breadth of course content for all renewable energies, not just wind.
Current RET 121: Wind Mechanical Systems I, change to RET 121: Mechanical Power Systems I;
Current RET 122: Wind Mechanical Systems II, change to RET 122: Mechanical Power Systems II.

3. Credit total changes from 101 to 100.

Request Implementation Term: Fall 2009

List Current Degree/Certificate Prerequisites:		
Sample		
Course Number	Course Title	Credit
CAS 110	Intro to Web Graphic-Fireworks	1
CAS 175	Introduction to Flash	3
Current		
Course Number	Course Title	Credit

Does Revision involve changing Degree/Certificate Prerequisites?

☐ No ☒ Yes

If Yes, please list proposed prerequisites:

Proposed

Course Number	Course Title	Credit
CAS 133	Basic Computer Skills/Microsoft Office	4

Does Revision impact PCC Core Outcomes which Degree and/or Certificates support?

☒ No ☐ Yes

If Yes, explain:

List Current Degree/Certificate Outcomes: (REQUIRED whether or not Outcomes are changing)

Sample

Current Degree/Certificate Outcome
<ul style="list-style-type: none">Develop JavaScript extensions to web pagesUpload, test and deploy web pages containing JavaScript
Current Degree/Certificate Outcome
<ul style="list-style-type: none">Basic electrical theoryBasic electronicsBasic mechanical systems

- Basic aerodynamic principles

Does Revision involve changing Degree/Certificate Outcomes?

☐ No ☒ Yes

If Yes, list proposed outcomes:

Proposed Degree/Certificate Outcome
<ul style="list-style-type: none"> • Qualify for employment in the renewable energy field as technicians • Service and repair renewable energy systems, assist engineers with the design of renewable systems by applying knowledge of electrical, electronics, mechanical, control systems and hydraulics/pneumatics concepts. • Communicate effectively both at the individual level and within team settings. • Understand the impact of renewable energy within the context of sustainability and apply sustainability concepts to their practice • Apply ethical and professional practice within the field of renewable energy • Achieve success in continuing their education towards completion of a four-year degree in engineering technology or engineering, should that be their goal.

For Certificates, does Revision involve changing Related Instruction?

☒ No ☐ Yes

If Yes, Fill out Template for Related Instruction

(<http://www.pcc.edu/resources/academic/eac/degree/forms.html>).

All candidates for the Associate of Applied Science degree must complete 16 credits of General Education, 8 of which can be specified by the department issuing the degree. The 16 credits must include at least 1 course, with no more than 8 credits from the following three categories:

1. Arts and Humanities
2. Mathematics, Natural and Physical sciences, Social Science
3. Social Science

Does Revision involve changing coursework requirements?

☐ No ☒ Yes

If Yes, please list **ALL** current and proposed coursework:

Sample

Course Number	Course Title	Credit
CAS 110	Intro to Web Graphic-Fireworks	1
CAS 175	Introduction to Flash	3

Current

Course Number	Course Title	Credit
CAS 133	Basic Computer Skills/Microsoft Office	4

Proposed

Course Number	Course Title	Credit
CAS 170	Beginning Excel: WIN	3

Total Number of Credits in Degree/Certificate:

Current Credits: 101

Proposed Credits: 100

Contact Information:

Submitted by: Mary Kramer
Contact e-mail: mkramer@cgcc.cc.or.us

Next Steps:

1. a. Save completed Associate of Applied Science/Certificate Revision Request Form and Submit as an email attachment to curriculum@pcc.edu.
b. If needed, attach Related Instruction Form
(<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) to the same email.
2. Download and print Associate of Applied Science/Certificate Revision Signature Page Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) and get the appropriate signatures.
3. Staple signed Associate of Applied Science/Certificate Revision Signature Page Form to a hard copy of Associate of Applied Science/Certificate Revision Request Form (electronic version has already been sent in Step 1). Send both forms to Curriculum Office, Rock Creek Campus, Building 5, Room 114 via campus mail.

Renewable Energy Technology <i>AAS Degree</i>		CURRENT
First Term		Credits
EET 111	Electrical Circuit Analysis I	5
RET 120	Basic Hydraulics	5
RET 101	Intro to Wind Turbine Operations	1
WR 121	Writing 121	4
Second Term		
EET 112	Electrical Circuit Analysis II	5
RET 121	Wind Mechanical Systems I	5
MTH 111C	College Algebra for Sci/Eng	5
	Social Science/Gen Ed	4
Third Term		
EET 113	Electrical Circuit Analysis III	5
RET 122	Wind Mechanical Systems II	5
RET 141	Electric Motor Controls	3
CAS 133	Computer Applications (Remove)	4
EET 188	Industrial Safety	1
Fourth Term		
EET 221	Semiconductor Devices	5
EET 121	Digital Electronics I	3
PE 182H	Physical Education	1
PHY 201	Physics	4
MTH 243	Statistics (or MTH 112 in spring)	4
MTH 112	Trig	5
Fifth Term		
EET 222	Op Amp Circuits	5
EET 122	Digital Electronics II	3
RET 119	Programmable Controllers	3
EET 254	EET Seminar	1
	Arts or Humanities Gen. Ed.	4
Sixth Term		
EET 255	Industrial Control	4
EET 123	Digital Electronics III	5
RET 223	Wind Mechanical Systems III	5
RET 102	Alternate Energy Power Generation	1

Total 101

Renewable Energy Technology <i>AAS Degree</i>		PROPOSED
First Term		Credits
EET 111	Electrical Circuit Analysis I	5
RET 120	Basic Hydraulics	5
RET 101	Intro to Wind Turbine Operations	1
MTH 111C	College Algebra for Math, Science, Eng.	5
Second Term		
EET 112	Electrical Circuit Analysis II	5
RET 121	Mechanical Power I*	5
CAS 170	Beginning Excel: WIN (ADD)	3
WR 121	Writing 121	4
Third Term		
EET 113	Electrical Circuit Analysis III	5
RET 122	Mechanical Power II*	5
RET 141	Electric Motor Controls	3
EET 188	Industrial Safety	1
	Social Science/Gen Ed Elective	4
Fourth Term		
EET 221	Semiconductor Devices/Circuits	5
EET 121	Digital Systems I	3
PE 182H	Physical Education	1
PHY 201	Physics	4
MTH 243	Statistics (or MTH 112 in spring)	4
Fifth Term		
EET 222	Operational Amplifier Circuits	5
EET 122	Digital Systems II	3
RET 119	Programmable Controllers	3
EET 254	EET Seminar	1
	Arts or Humanities Gen. Ed.	4
Sixth Term		
EET 255	Industrial Control	4
EET 123	Digital Electronics III	5
RET 223	Wind Mechanical Systems III	5
RET 102	Alternate Energy Power Generation	1
MTH 112	Trig (or MTH 243 in fall)	(5)

*Course title change only, no content change

Total 100

PORTLAND COMMUNITY COLLEGE

Associate of Applied Science/Certificate Revision Request Form

Current Degree/Certificate Title: Renewable Energy Technology Certificate

Proposed Degree/Certificate Title: Same

Reason for Revision:

1. Per industry request, provide more targeted training in Excel, thus adding CAS 170 to curriculum and removing CAS 133 to become a prerequisite.
2. Change course titles to reflect breadth of course content for all renewable energies, not just wind.
Current RET 121: Wind Mechanical Systems I, change to RET 121: Mechanical Power Systems I;
Current RET 122: Wind Mechanical Systems II, change to RET 122: Mechanical Power Systems II.
3. Change in credit total from 52 to 51.

Request Implementation Term: Fall 2009

List Current Degree/Certificate Prerequisites:

Sample		
Course Number	Course Title	Credit
CAS 110	Intro to Web Graphic-Fireworks	1
CAS 175	Introduction to Flash	3

Current		
Course Number	Course Title	Credit

☐ Does Revision ☒ involve changing Degree/Certificate Prerequisites?

No

Yes

If Yes, please list proposed prerequisites:

Proposed		
Course Number	Course Title	Credit
CAS 133	Basic Computer Skills/Microsoft Office	4

Does Revision impact PCC Core Outcomes which Degree and/or Certificates support?

☒ No ☐ Yes

If Yes, explain: d

List Current Degree/Certificate Outcomes: (REQUIRED whether or not Outcomes are changing)

Sample

Current Degree/Certificate Outcome
<ul style="list-style-type: none">• Develop JavaScript extensions to web pages• Upload, test and deploy web pages containing JavaScript

Current Degree/Certificate Outcome
<ul style="list-style-type: none">• Basic electrical theory• Basic electronics

- Basic mechanical systems
- Basic aerodynamic principles

Does Revision involve changing Degree/Certificate Outcomes?

☐ No ☒ Yes

If Yes, list proposed outcomes:

Proposed Degree/Certificate Outcome
<ul style="list-style-type: none"> • Qualify for employment in the renewable energy field as entry level operators • Assist technicians with repair/servicing/manufacturing of renewable systems by applying basic knowledge of electrical, electronics, mechanical, and hydraulics/pneumatics concepts • Communicate effectively both at the individual level and within team settings. • Understand the impact of renewable energy within the context of sustainability and apply sustainability concepts to their practice • Apply ethical and professional practice within the field of renewable energy • Achieve success in continuing their education towards completion of two-year AAS degree, should that be their goal.

For Certificates, does Revision involve changing Related Instruction?

☐ No ☒ Yes

If Yes, Fill out Template for Related Instruction

(<http://www.pcc.edu/resources/academic/eac/degree/forms.html>).

All candidates for the Associate of Applied Science degree must complete 16 credits of General Education, 8 of which can be specified by the department issuing the degree. The 16 credits must include at least 1 course, with no more than 8 credits from the following three categories:

1. Arts and Humanities
2. Mathematics, Natural and Physical sciences, Social Science
3. Social Science

Does Revision involve changing coursework requirements?

☐ No ☒ Yes

If Yes, please list **ALL** current and proposed coursework:

Sample

Course Number	Course Title	Credit
CAS 110	Intro to Web Graphic-Fireworks	1
CAS 175	Introduction to Flash	3

Current

Course Number	Course Title	Credit
CAS 133	Basic Computer Skills/Microsoft Office	4

Proposed

Course Number	Course Title	Credit
CAS 170	Beginning Excel: WIN	3

Total Number of Credits in Degree/Certificate:

Current Credits: 52
Proposed Credits: 51

Contact Information:

Submitted by: Mary Kramer
Contact e-mail: mkramer@cgcc.cc.or.us

Next Steps:

1. a. Save completed Associate of Applied Science/Certificate Revision Request Form and Submit as an email attachment to curriculum@pcc.edu.
b. If needed, attach Related Instruction Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) to the same email.
2. Download and print Associate of Applied Science/Certificate Revision Signature Page Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) and get the appropriate signatures.
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Renewable Energy Technology <i>Certificate</i>		CURRENT
First Term		Credits
EET 111	Electrical Circuit Analysis I	5
RET 120	Basic Hydraulics	5
RET 101	Intro to Wind Turbine Operations	1
WR 121	Writing 121	4
Second Term		
EET 112	Electrical Circuit Analysis II	5
RET 121	Wind Mechanical Systems I	5
MTH 111C	College Algebra for Sci/Eng	5
	Social Science/Gen Ed	4
Third Term		
EET 113	Electrical Circuit Analysis III	5
RET 122	Wind Mechanical Systems II	5
RET 141	Electric Motor Controls	3
CAS 133	Computer Applications (Remove)	4
EET 188	Industrial Safety	1

Total: 52

Renewable Energy Technology *Certificate*

PROPOSED

First Term		Credits
EET 111	Electrical Circuit Analysis I	5
RET 120	Basic Hydraulics	5
RET 101	Intro to Wind Turbine Operations	1
MTH 111C	College Algebra for Math, Science, Eng.	5
Second Term		
EET 112	Electrical Circuit Analysis II	5
RET 121	Mechanical Power I*	5
CAS 170	Beginning Excel: WIN (ADD)	3
WR 121	Writing 121	4
Third Term		
EET 113	Electrical Circuit Analysis III	5
RET 122	Mechanical Power II*	5
RET 141	Electric Motor Controls	3
EET 188	Industrial Safety	1
	Sociology or Psychology/Gen Ed	4

*Course title change only, no content change

Total: 51

Template for Related Instruction in Certificates

45 to 89 credits		Renewable Energy Technology			Related instruction Hours in:			
Enter course information in light yellow areas (totals will be automatically calculated)								
Subject Code	Course Number	Course Title	Credits	Hours	Computation	Communication	Human Relation	Total RI
<i>Example: BKT</i>	101	<i>Basket Weaving Basics</i>	3	90	6	12	8	26
EET	111	Electrical Circuit Analysis I	5	150				No RI
RET	120	Basic Hydraulics	5	150				No RI
RET	101	Intro to Wind Turbine Operations	1	30				No RI
MTH	111C	College Algebra for Math, Science, Eng.	5	150	150			150
EET	112	Electrical Circuit Analysis II	5	150				
RET	121	Mechanical Power I*	5	150				No RI
CAS	170	Beginning Excel: WIN	3	90				No RI
WR	121	English Composition	4	120		120		120
								No RI
EET	113	Electrical Circuit Analysis III	5	150				No RI
RET	122	Mechanical Power II*	5	150				No RI
RET	141	Electric Motor Controls	3	90				No RI
EET	188	Industrial Safety	1	30				No RI
		Social Science/Gen Ed Elective	4	120			60	60
								No RI
Totals			51	1530	150	120	60	330
Minimum for 1 yr certificate:					48	48	48	240
Remaining to meet Min. Requirement:					0	0	0	0

PORTLAND COMMUNITY COLLEGE

Associate of Applied Science/Certificate Revision Request Form

Current Degree/Certificate Title: Associate of Applied Science in Building Inspection Technology

Proposed Degree/Certificate Title:

Reason for Revision:

Add prerequisite, add courses to INSP/ARCH electives list and a course name change

1) Old Prerequisites: RD 115, WR 115 and Math 20

New Prerequisites: INSP 100, WR 115 and Math 20

2) Add INSP 217 and INSP 218 to the INSP/ARCH Electives list

3) Title Change INSP 154. Was: Introduction to Residential Inspection. Is: Residential Inspection Basics

Request Implementation Term: Winter 2010

List Current Degree/Certificate Prerequisites:

Sample

Course Number	Course Title	Credit
CAS 110	Intro to Web Graphic-Fireworks	1
CAS 175	Introduction to Flash	3

Current

Course Number	Course Title	Credit
RD 115	College Reading	4
WR 115	Introduction to Expository Writing	4
MTH 20	Basic Math	4

Does Revision involve changing Degree/Certificate Prerequisites?

☐ No ☒ Yes

If Yes, please list proposed prerequisites:

Proposed

Course Number	Course Title	Credit
INSP 100	Introduction to Building Inspection Technology	1
WR 115	Introduction to Expository Writing	4
MTH 20	Basic Math	4

Does Revision impact PCC Core Outcomes which Degree and/or Certificates support?

☒ No ☐ Yes

If Yes, explain:

List Current Degree/Certificate Outcomes: (REQUIRED whether or not Outcomes are changing)

Sample

Current Degree/Certificate Outcome
<ul style="list-style-type: none"> Develop JavaScript extensions to web pages Upload, test and deploy web pages containing JavaScript

Current Degree/Certificate Outcome
<ul style="list-style-type: none"> Complete a successful internship with a local inspections jurisdiction. Complete with a passing grade the appropriate national and/or state licensing exam(s). Understand professional and ethical responsibilities. Function and communicate effectively one-on-one and within team of group settings. Use appropriate techniques, skills and tools as needed in a work environment. Interpret and apply architectural and engineering drawings in performance of building inspections. Apply knowledge of construction and structures in the performance of building inspections. Obtain employment in the Building Inspections field. Complete successfully, education and practices to maintain inspection licenses. Participate in life-long learning.

Does Revision involve changing Degree/Certificate Outcomes?

☒ No ☐ Yes

If Yes, list proposed outcomes:

Proposed Degree/Certificate Outcome
•

For Certificates, does Revision involve changing Related Instruction?

☒ No ☐ Yes

If Yes, Fill out Template for Related Instruction

(<http://www.pcc.edu/resources/academic/eac/degree/forms.html>).

All candidates for the Associate of Applied Science degree must complete 16 credits of General Education, 8 of which can be specified by the department issuing the degree. The 16 credits must include at least 1 course, with no more than 8 credits from the following three categories:

1. Arts and Humanities
2. Mathematics, Natural and Physical sciences, Social Science
3. Social Science

Does Revision involve changing coursework requirements?

☐ No ☒ Yes

If Yes, please list **ALL** current and proposed coursework:

Sample

Course Number	Course Title	Credit
CAS 110	Intro to Web Graphic-Fireworks	1
CAS 175	Introduction to Flash	3

Current

Course Number	Course Title	Credit
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	see attached	
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Proposed

Course Number	Course Title	Credit
	see attached	

Total Number of Credits in Degree/Certificate:

Current Credits: 95

Proposed Credits: 95

Contact Information:

Submitted by: Debra Anderson

Contact e-mail: debra.anderson4@pcc.edu

Next Steps:

1. a. Save completed Associate of Applied Science/Certificate Revision Request Form and Submit as an email attachment to curriculum@pcc.edu.
b. If needed, attach Related Instruction Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) to the same email.
2. Download and print Associate of Applied Science/Certificate Revision Signature Page Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) and get the appropriate signatures.
3. Staple signed Associate of Applied Science/Certificate Revision Signature Page Form to a hard copy of Associate of Applied Science/Certificate Revision Request Form (electronic version has already been sent in Step 1). Send both forms to Curriculum Office, Rock Creek Campus, Building 5, Room 114 via campus mail.

INSP/ARCH Electives – choose a total of 10 credits			
INSP 154	Intro to Residential Inspection		1
INSP 260	Oregon Inspections Certificate		2
INSP 101	Architectural Graphics 1		2
INSP 102	Architectural Graphics 2		2
ARCH 113	Working Drawings 3		2
ARCH 224	Active & Passive Bldg Systems		4

INSP/ARCH Electives – choose a total of 10 credits			
INSP 154	Residential Inspection Basics (New Title)		1
INSP 260	Oregon Inspections Certificate		2
INSP 101	Architectural Graphics 1		2
INSP 102	Architectural Graphics 2		2
ARCH 113	Working Drawings 3		2
ARCH 224	Active & Passive Bldg Systems		4
INSP 217	Fire Alarm Plan Review Basics (add)		2
INSP 218	Fire Sprinkler Plan Review Basics (add)		2

PORTLAND COMMUNITY COLLEGE

Associate of Applied Science/Certificate Revision Request Form

Current Degree/Certificate Title: Residential Structural and Mechanical Inspection and Plans Examination Certificate

Proposed Degree/Certificate Title:

Reason for Revision:

Add prerequisites:

1) Old Prerequisites: RD 115, WR 115 and Math 20

New Prerequisites: INSP 100, WR 115 and Math 20

2) Title Change INSP 154. Was: Introduction to Residential Inspection. Is: Residential Inspection Basics

Request Implementation Term: Winter 2010

List Current Degree/Certificate Prerequisites:

Sample

Course Number	Course Title	Credit
CAS 110	Intro to Web Graphic-Fireworks	1
CAS 175	Introduction to Flash	3

Current

Course Number	Course Title	Credit
RD 115	College Reading	4
WR 115	Introduction to Expository Writing	4
MTH 20	Basic Math	4

Does Revision involve changing Degree/Certificate Prerequisites?

☐ No ☒ Yes

If Yes, please list proposed prerequisites:

Proposed

Course Number	Course Title	Credit
INSP 100	Introduction to Building Inspection Technology	1
WR 115	Introduction to Expository Writing	4
MTH 20	Basic Math	4

Does Revision impact PCC Core Outcomes which Degree and/or Certificates support?

☒ No ☐ Yes

If Yes, explain:

List Current Degree/Certificate Outcomes: (REQUIRED whether or not Outcomes are changing)

Sample

Current Degree/Certificate Outcome
<ul style="list-style-type: none">Develop JavaScript extensions to web pagesUpload, test and deploy web pages containing JavaScript

Current Degree/Certificate Outcome
<ul style="list-style-type: none">Outcomes are being re-evaluated

Does Revision involve changing Degree/Certificate Outcomes?

☒ No ☐ Yes

If Yes, list proposed outcomes:

Proposed Degree/Certificate Outcome
<ul style="list-style-type: none">

For Certificates, does Revision involve changing Related Instruction?

☐ No ☐ Yes

If Yes, Fill out Template for Related Instruction

(<http://www.pcc.edu/resources/academic/eac/degree/forms.html>).

All candidates for the Associate of Applied Science degree must complete 16 credits of General Education, 8 of which can be specified by the department issuing the degree. The 16 credits must include at least 1 course, with no more than 8 credits from the following three categories:

1. Arts and Humanities
2. Mathematics, Natural and Physical sciences, Social Science
3. Social Science

Does Revision involve changing coursework requirements?

☐ No ☐ Yes

If Yes, please list **ALL** current and proposed coursework:

Sample

Course Number	Course Title	Credit
CAS 110	Intro to Web Graphic-Fireworks	1
CAS 175	Introduction to Flash	3

Current

Course Number	Course Title	Credit
	See Attached	

Proposed

Course Number	Course Title	Credit
	See Attached	

Total Number of Credits in Degree/Certificate:

Current Credits: 43

Proposed Credits: 43

Contact Information:

Submitted by: Debra Anderson
Contact e-mail: Debra.Anderson4@pcc.edu

Next Steps:

1. a. Save completed Associate of Applied Science/Certificate Revision Request Form and Submit as an email attachment to curriculum@pcc.edu.
b. If needed, attach Related Instruction Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) to the same email.
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Residential Structural and Mechanical Inspection and Plans Examination certificate current				Residential Structural and Mechanical Inspection and Plans Examination certificate proposed			
First Term				First Term			
INSP 151	International Residential Code-Structural		4	INSP 151	International Residential Code-Structural		4
INSP 154	Intro to Residential Inspection (OLD)		1	INSP 154	Residential Inspection Basics (New Title)		1
ARCH 121	Structural Systems I		2	ARCH 121	Structural Systems I		2
ARCH 161	Blueprint Reading I		2	ARCH 161	Blueprint Reading I		2
CAS 216	Beginning WORD		3	CAS 216	Beginning WORD		3
			12				12
Second Term				Second Term			
INSP 152	International Residential Code-Mechanical		2	INSP 152	International Residential Code-Mechanical		2
ARCH 122	Structural Systems II		4	ARCH 122	Structural Systems II		4
CG 209	Job Finding Skills		1	CG 209	Job Finding Skills		1
INSP 280B	CE: Field Experience		4	INSP 280B	CE: Field Experience		4
Electives			3	Electives			3
			14				14
Third Term				Third Term			
INSP 202	Plans Exam-Residential		4	INSP 202	Plans Exam-Residential		4
INSP 280B	CE: Field Experience		6	INSP 280B	CE: Field Experience		6
ARCH 123	Structural Systems III		4	ARCH 123	Structural Systems III		4
Electives			3	Electives			3
			17				17
		Total	43			Total	43

PORTLAND COMMUNITY COLLEGE

Associate of Applied Science/Certificate Revision Request Form

Current Degree/Certificate Title: Commercial Structural and Mechanical Inspection Certificate

Proposed Degree/Certificate Title:

Reason for Revision:

Add prerequisites:

- 1) Old Prerequisites: RD 115, WR 115 and Math 20
New Prerequisites: INSP 100, WR 115 and Math 20

Request Implementation Term: Winter 2010

List Current Degree/Certificate Prerequisites:

Sample

Course Number	Course Title	Credit
CAS 110	Intro to Web Graphic-Fireworks	1
CAS 175	Introduction to Flash	3

Current

Course Number	Course Title	Credit
RD 115	College Reading	4
WR 115	Introduction to Expository Writing	4
MTH 20	Basic Math	4

Does Revision involve changing Degree/Certificate Prerequisites?

☐ No ☒ Yes

If Yes, please list proposed prerequisites:

Proposed

Course Number	Course Title	Credit
INSP 100	Introduction to Building Inspection Technology	1
WR 115	Introduction to Expository Writing	4
MTH 20	Basic Math	4

Does Revision impact PCC Core Outcomes which Degree and/or Certificates support?

☒ No ☐ Yes

If Yes, explain:

List Current Degree/Certificate Outcomes: (REQUIRED whether or not Outcomes are changing)

Sample

Current Degree/Certificate Outcome

- Develop JavaScript extensions to web pages
- Upload, test and deploy web pages containing JavaScript

Current Degree/Certificate Outcome

- | |
|---|
| <ul style="list-style-type: none"> • Outcomes are being re-evaluated |
|---|

Does Revision involve changing Degree/Certificate Outcomes?

☒ No ☐ Yes

If Yes, list proposed outcomes:

Proposed Degree/Certificate Outcome

•

For Certificates, does Revision involve changing Related Instruction?

☒ No ☐ Yes

If Yes, Fill out Template for Related Instruction

(<http://www.pcc.edu/resources/academic/eac/degree/forms.html>).

All candidates for the Associate of Applied Science degree must complete 16 credits of General Education, 8 of which can be specified by the department issuing the degree. The 16 credits must include at least 1 course, with no more than 8 credits from the following three categories:

1. Arts and Humanities
2. Mathematics, Natural and Physical sciences, Social Science
3. Social Science

Does Revision involve changing coursework requirements?

☐ No ☒ Yes

If Yes, please list **ALL** current and proposed coursework:

Sample

Course Number	Course Title	Credit
CAS 110	Intro to Web Graphic-Fireworks	1
CAS 175	Introduction to Flash	3

Current

Course Number	Course Title	Credit
	See attached	

Proposed

Course Number	Course Title	Credit
	See attached	

Total Number of Credits in Degree/Certificate:

Current Credits: 44

Proposed Credits: 44

Contact Information:

Submitted by: Debra Anderson
Contact e-mail: Debra.Anderson4@pcc.edu

Next Steps:

1. a. Save completed Associate of Applied Science/Certificate Revision Request Form and Submit as an email attachment to curriculum@pcc.edu.
b. If needed, attach Related Instruction Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) to the same email.
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Commercial Structural and Mechanical Inspection Certificate 2009-2010			
First Term			
INSP 251	International Building Code I		4
INSP 257	International Fuel and Gas Code		3
ARCH 121	Structural Systems I		2
CAS 216	Beginning WORD		3
MSD 151	Dealing with Difficult People		1
CG 209	Job Finding Skills		1
			14
Second Term			
INSP 252	International Building Code II		3
INSP 255	International Mechanical Code I		2
ARCH 122	Structural Systems II		4
ARCH 162	Printreading II		2
MSD 130	Creative Problem Solving		3
			14
Third Term			
INSP 253	International Building Code III		3
INSP 256	International Mechanical Code II		3
ARCH 123	Structural Systems III		4
INSP 280B	CE: Field Experience		6
			16
		Total	72

PORTLAND COMMUNITY COLLEGE

Associate of Applied Science/Certificate Revision Request Form

Current Degree/Certificate Title: Web Site Development and Design AAS

Proposed Degree/Certificate Title:

Reason for Revision:

To add CAS 225 Introduction to PHP as an "or" to the coursework for the Developmental Emphasis.

Request Implementation Term: Winter 2010

List Current Degree/Certificate Prerequisites:

Sample

Course Number	Course Title	Credit
CAS 110	Intro to Web Graphic-Fireworks	1
CAS 175	Introduction to Flash	3

Current

Course Number	Course Title	Credit

Does Revision involve changing Degree/Certificate Prerequisites?

☒ No ☐ Yes

If Yes, please list proposed prerequisites:

Proposed

Course Number	Course Title	Credit

Does Revision impact PCC Core Outcomes which Degree and/or Certificates support?

☒ No ☐ Yes

If Yes, explain:

List Current Degree/Certificate Outcomes: (REQUIRED whether or not Outcomes are changing)

Sample

Current Degree/Certificate Outcome
<ul style="list-style-type: none">Develop JavaScript extensions to web pagesUpload, test and deploy web pages containing JavaScript

Current Degree/Certificate Outcome
<ul style="list-style-type: none">Communicate effectively about web-related topicsDevelop web pages and web sites that meet industry standardsDemonstrate basic competency in web designDemonstrate advanced expertise in either web programming or web design and complete a web-related project

Does Revision involve changing Degree/Certificate Outcomes?☒ No ☐ Yes

If Yes, list proposed outcomes:

Proposed Degree/Certificate Outcome
•

For Certificates, does Revision involve changing Related Instruction?☒ No ☐ Yes

If Yes, Fill out Template for Related Instruction

<http://www.pcc.edu/resources/academic/eac/degree/forms.html>).

All candidates for the Associate of Applied Science degree must complete 16 credits of General Education, 8 of which can be specified by the department issuing the degree. The 16 credits must include at least 1 course, with no more than 8 credits from the following three categories:

1. Arts and Humanities
2. Mathematics, Natural and Physical sciences, Social Science
3. Social Science

Does Revision involve changing coursework requirements?☐ No ☒ YesIf Yes, please list **ALL** current and proposed coursework:**Sample**

Course Number	Course Title	Credit
CAS 110	Intro to Web Graphic-Fireworks	1
CAS 175	Introduction to Flash	3

Current

Course Number	Course Title	Credit
CAS 214	Beginning ColdFusion or	4
CIS 234S	Web Application Development Using .Net or	4
CIS 195P	PHP Web Development I	4

Proposed

Course Number	Course Title	Credit
CAS 214	Beginning ColdFusion or	4
CIS 234S	Web Application Development using .Net or	4
CIS 195P	PHP Web Development I or	4
CAS 225	Introduction to PHP	4

Total Number of Credits in Degree/Certificate:

Current Credits: 94

Proposed Credits: 94

Contact Information:

Submitted by: Ron Bekey

Contact e-mail: rbekey@pcc.edu

Next Steps:

1. a. Save completed Associate of Applied Science/Certificate Revision Request Form and Submit as an email attachment to curriculum@pcc.edu.
b. If needed, attach Related Instruction Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) to the same email.
2. Download and print Associate of Applied Science/Certificate Revision Signature Page Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) and get the appropriate signatures.
3. Staple signed Associate of Applied Science/Certificate Revision Signature Page Form to a hard copy of Associate of Applied Science/Certificate Revision Request Form (electronic version has already been sent in Step 1). Send both forms to Curriculum Office, Rock Creek Campus, Building 5, Room 114 via campus mail.

Website Development and Design AAS- 97 credits

First Term			Development Emphasis Electives		
CAS 111D	Beginning Web Site Creation: Dreamweaver	3	CAS 213	Enhancing Web Pages with JavaScript	4
CAS 206	Principles of XHTML	4		Or	
CIS 120	Computer Concepts I*	4	CIS 233S	Internet Web Page Scripting	4
WR 121	English Composition	4	CAS 214	Beginning ColdFusion	4
	Development Elective	4		Or	
	Or		CIS 234S	Web Application Development Using .NET	4
	Design Elective	3		Or	
			CIS 195P	PHP Web Development I	4
Second Term				Or	
CAS 211D	Intermediate Dreamweaver	3	CAS 225	Introduction to PHP (ADD)	4
CAS 208	Beginning PhotoShop for the Web	3	CIS 122	Software Design	4
CIS 121	Computer Concepts II*	4	CIS 133B	Introduction to Visual Basic .NET Programming	4
BA 101	Introduction to Business	4		Or	
	Development Elective	4	CIS 133J	Java Programming I	4
	Or		CIS 125D	Database Application Development I	4
	Design Elective	6	CIS 287I	Web Server Administration	4
			CIS 179	Data Communication Concepts I	4
Third Term					
MM 120	Multimedia Design	2	Design Emphasis Electives		
CIS 178	Applied Internet Concepts	4	CAS 175	Introduction to Flash	3
CIS 179	Data Communication Concepts I	4	ART 115	Basic Design	3
BA 205	Solving Communication Problems with Technology	4	ART 116	Basic Design	3
	Or		MM 130	Multimedia Graphic Video and Audio Production	3
MM 270	Writing for Multimedia	3	MM 140	Multimedia Authoring I	3
	Or		MM 160	Marketing Yourself as a Multimedia Professional	2
WR 227	Technical and Professional Writing I	4	MM 220	Multimedia Design II	3
	Development Elective	4	MM 230	Graphics for Multimedia	4
	Or		MM 231	Vector Graphics & Animation	3
	Design Elective	3			
Fourth Term					
BA 207	Introduction to E-Commerce	4			
	Or				

CIS 243	E-ssentials of E-Commerce Information Systems	4
	Development Elective	4
	Or	
	Design Elective	3
Fifth Term		
BA 223	Principles of Marketing	3
Or		
BA 239	Advertising	3
MSD 279	Project Management	4
	General Education	4
	Development Elective	4
	Or	
	Design Elective	3
	Development Elective	4
	Or	
	Design Elective	3
Sixth Term		
CAS 215	CSS and Dynamic HTML	4
CAS 280W	CE: Web Site Development	4
	General Education	4
MM 110	Intro to Multimedia	1
	Development Elective	4
	Or	
	Design Elective	6

PORTLAND COMMUNITY COLLEGE

Associate of Applied Science/Certificate Revision Request Form

Current Degree/Certificate Title: Aviation Science - Airplane AAS

Proposed Degree/Certificate Title:

Reason for Revision:

The VA has begun requiring that students pay their flight training fees directly to PCC rather than our flight training provider, Hillsboro Aviation. PCC's business office has begun setting up a process to facilitate this, but it means that all of the flight training fees will be due during the term in which the student registers. Previously the students had a "Pay as you go" option. In order to make budgeting for the flight training more flexible, we have added an equivalent alternative for each PCC flight course where the course is broken down into one credit courses. This is similar to how the Math department has an alternative to Math 65: Math 61, 62, 63, that allows the student to cover the material more slowly. We have done this for most of our flight courses, but are leaving the original flight courses as an option for students who are fully funded to proceed at full speed. The cost is the same either way (One 3 credit course will cost the same as the equivalent three 1 credit courses). We have taken care to keep the number of total credits exactly the same. As part of the process of making this change, it was decided to change the prerequisites for the program to better prepare the students for success and close enrollment for the flight courses in order to make sure the students have been adequately advised before signing up.

Request Implementation Term: Fall 2009

List Current Degree/Certificate Prerequisites:

Sample

Course Number	Course Title	Credit
CAS 110	Intro to Web Graphic-Fireworks	1
CAS 175	Introduction to Flash	3

Current

Course Number	Course Title	Credit
MTH 20	Basic Math	4
Placement		3
WR 80	Writing 80	3
RD 90	Reading 90	

Does Revision involve changing Degree/Certificate Prerequisites?

☐ No ☒ Yes

If Yes, please list proposed prerequisites:

Proposed

Course Number	Course Title	Credit
WR 115	Introduction to Expository Writing	4
MTH 60	Introductory Algebra	4

AVS127	Introduction to Aviation	4
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Does Revision impact PCC Core Outcomes which Degree and/or Certificates support?

☒ No ☐ Yes

If Yes, explain:

List Current Degree/Certificate Outcomes: (REQUIRED whether or not Outcomes are changing)

Sample

Current Degree/Certificate Outcome
<ul style="list-style-type: none"> Develop JavaScript extensions to web pages Upload, test and deploy web pages containing JavaScript

Current Degree/Certificate Outcome
<ul style="list-style-type: none"> Earn FAA certificates and ratings appropriate to the pilot career they seek. For Airplane: <ul style="list-style-type: none"> 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 (If Flight Instructor specialization is chosen). For Helicopter: <ul style="list-style-type: none"> Commercial Pilot Certificate with Rotorcraft Helicopter and optional Instrument Helicopter rating Flight Instructor Rating with Rotorcraft Helicopter rating. Gain additional knowledge and skills related to the aviation industry and acting as a professional pilot that are above and beyond the FAA certification requirements and will allow them to be safer, more effective pilots and be competitive in the pilot job market. Explore areas in math, writing, general education and approved elective course work that will allow them to function more effectively as an aviation employee and/or continue their education towards advanced degrees.

Does Revision involve changing Degree/Certificate Outcomes?

☒ No ☐ Yes

If Yes, list proposed outcomes:

Proposed Degree/Certificate Outcome
•

For Certificates, does Revision involve changing Related Instruction?

☒ No ☐ Yes

If Yes, Fill out Template for Related Instruction

(<http://www.pcc.edu/resources/academic/eac/degree/forms.html>).

All candidates for the Associate of Applied Science degree must complete 16 credits of General Education, 8 of which can be specified by the department issuing the degree. The 16 credits must include at least 1 course, with no more than 8 credits from the following three categories:

1. Arts and Humanities
2. Mathematics, Natural and Physical sciences, Social Science
3. Social Science

Does Revision involve changing coursework requirements?

☐ No ☒ Yes

If Yes, please list **ALL** current and proposed coursework:

Sample

Course Number	Course Title	Credit
CAS 110	Intro to Web Graphic-Fireworks	1
CAS 175	Introduction to Flash	3

Current

Course Number	Course Title	Credit
	See Attached	

Proposed

Course Number	Course Title	Credit
	See Attached	

Total Number of Credits in Degree/Certificate:

Current Credits: 90

Proposed Credits: 90

Contact Information:

Submitted by: Larry Altree

Contact e-mail: laltree@pcc.edu

Next Steps:

1. a. Save completed Associate of Applied Science/Certificate Revision Request Form and Submit as an email attachment to curriculum@pcc.edu.
b. If needed, attach Related Instruction Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) to the same email.
2. Download and print Associate of Applied Science/Certificate Revision Signature Page Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) and get the appropriate signatures.
3. Staple signed Associate of Applied Science/Certificate Revision Signature Page Form to a hard copy of Associate of Applied Science/Certificate Revision Request Form (electronic version has already been sent in Step 1). Send both forms to Curriculum Office, Rock Creek Campus, Building 5, Room 114 via campus mail.

Aviation Science-Airplane AAS Current					Aviation Science-Airplane AAS Proposed				
Flight Instructor Option					Flight Instructor Option				
First Term					First Term				
AVS 120	Airplane: Private Pilot Ground		4		AVS 120	Airplane: Private Pilot Ground		4	
AVS 125	Airplane: Private Pilot Flight		3		AVS 125	Airplane: Private Pilot Flight		3	
AVS 127	Introduction to Aviation		4		OR				
AVS 107	Flight Prep Level I		1		AVS 121	Airplane Pre-Solo Flight		1	
WR 121	English Composition		4		AVS 122	Airplane Pre-Cross Country Flight		1	
	Total		16		AVS 123	Airplane Cross Country/Test Prep		1	
Second Term					AVS 127	Introduction to Aviation		4	
AVS 130	Instrument Ground School		4		AVS 107	Flight Prep Level I		1	
AVS 135	Airplane: Instrument Flight		3		WR 121	English Composition		4	
AVS 137	Applied Aerodynamics		4			Total		16	
AVS 107	Flight Prep Level I		1		Second Term				
	Total		12		AVS 130	Instrument Ground School		4	
Third Term					AVS 135	Airplane: Instrument Flight		3	
AVS 140	Airplane: Commercial Pilot Ground		4		OR				
AVS 145	Introduction to Commercial Airplane		3		AVS 131	Airplane Instrument Attitude/Nav		1	
AVS 157	Aircraft Systems & Structures I: Airframe		3		AVS 132	Airplane Instrument Approaches		1	
AVS 107	Flight Prep Level I		1		AVS 133	Airplane Instrument Cross-Country		1	
	Total		11		AVS 137	Applied Aerodynamics		4	
Fourth Term					AVS 107	Flight Prep Level I		1	
AVS 225	Airplane: Commercial Flight		4			Total		12	
AVS 207	Flight Prep Level II		1		Third Term				
GS 109	Meteorology*		4		AVS 140	Airplane: Commercial Pilot Ground		4	
General Education			4		AVS 145	Introduction to Commercial Airplane		3	
	Total		13		OR				
Fifth Term					AVS 141	Airplane Commerical XC/Night		1	
AVS 167	Aircraft Systems & Structures II: Powerplant		3		AVS 142	Airplane XC Exploration		1	
AVS 227	Aviation Careers		4		AVS 143	Airplane Commerical Precision XC		1	
AVS 230	Airplane: Certified Flight Instructor Ground		4		AVS 157	Aircraft Systems & Structures I: Airframe		3	
AVS 235	Airplane: Certified Flight Instructor Flight		2		AVS 107	Flight Prep Level I		1	
AVS 207	Flight Prep Level II		1			Total		11	
	Total		14		Fourth Term				
Sixth Term					AVS 225	Airplane: Commercial Flight		4	

AVS 267	Economics of Flight Operations	4	OR			
AVS 241	Airplane: CFII Ground/Flight	3	AVS 221	Airplane Complex Airplanes		1
AVS 242	Airplane: MEI Ground /Flight	2	AVS 222	Airplane Commercial Maneuvers		1
AVS 207	Flight Prep Level II	1	AVS 223	Airplane Commercial Proficiency		1
General Education		4	AVS 224	Airplane Multi-Engine		1
Total		14	AVS 207	Flight Prep Level II		1
Seventh Term			GS 109	Meteorology*		4
AVS 255	Airplane: Pilot Performance	1	General Education			4
AVS 207	Flight Prep Level II	1		Total		13
AVS 237	Aviation Law and Regulations	4	Fifth Term			
General Education		4	AVS 167	Aircraft Systems & Structures II: Powerplant		3
Total		10	AVS 227	Aviation Careers		4
			AVS 230	Airplane: Certified Flight Instructor Ground		4
		90	AVS 235	Airplane: Certified Flight Instructor Flight		2
			OR			
			AVS 231	Airplane CFI Intro		1
			AVS 232	Airplane CFI Test Prep		1
			AVS 207	Flight Prep Level II		1
				Total		14
			Sixth Term			
			AVS 267	Economics of Flight Operations		4
			AVS 241	Airplane: CFII Ground/Flight		3
			AVS 242	Airplane: MEI Ground /Flight		2
			AVS 207	Flight Prep Level II		1
			General Education			4
				Total		14
			Seventh Term			
			AVS 255	Airplane: Pilot Performance		1
			AVS 207	Flight Prep Level II		1
			AVS 237	Aviation Law and Regulations		4
			General Education			4
				Total		10
				Total		90

Aviation Science-Airplane AAS Current					Aviation Science-Airplane AAS Proposed				
Without Flight Instructor Option					Without Flight Instructor Option				
First Term					First Term				
AVS 120	Airplane: Private Pilot Ground			4	AVS 120	Airplane: Private Pilot Ground			4
AVS 125	Airplane: Private Pilot Flight			3	AVS 125	Airplane: Private Pilot Flight			3
AVS 127	Introduction to Aviation			4	OR				
AVS 107	Flight Prep Level I			1	AVS 121	Airplane Pre-Solo Flight			1
WR 121	English Composition			4	AVS 122	Airplane Pre-Cross Country Flight			1
	Total			16	AVS 123	Airplane Cross Country/Test Prep			1
Second Term					AVS 127	Introduction to Aviation			4
AVS 130	Instrument Ground School			4	AVS 107	Flight Prep Level I			1
AVS 135	Airplane: Instrument Flight			3	WR 121	English Composition			4
AVS 137	Applied Aerodynamics			4		Total			16
AVS 107	Flight Prep Level I			1	Second Term				
			Total	12	AVS 130	Instrument Ground School			4
Third Term					AVS 135	Airplane: Instrument Flight			3
AVS 140	Airplane: Commercial Pilot Ground			4	OR				
AVS 145	Introduction to Commercial Airplane			3	AVS 131	Airplane Instrument Attitude/Nav			1
AVS 157	Aircraft Systems & Structures I: Airframe			3	AVS 132	Airplane Instrument Approaches			1
AVS 107	Flight Prep Level I			1	AVS 133	Airplane Instrument Cross-Country			1
			Total	11	AVS 137	Applied Aerodynamics			4
Fourth Term					AVS 107	Flight Prep Level I			1
AVS 225	Airplane: Commercial Flight			4				Total	12
AVS 207	Flight Prep Level II			1	Third Term				
GS 109	Meteorology*			4	AVS 140	Airplane: Commercial Pilot Ground			4
General Education				4	AVS 145	Introduction to Commercial Airplane			3
			Total	13	OR				
Fifth Term					AVS 141	Airplane Commerical XC/Night			1
AVS 167	Aircraft Systems & Structures II: Powerplant			3	AVS 142	Airplane XC Exploration			1
AVS 227	Aviation Careers			4	AVS 143	Airplane Commerical Precision XC			1
AVS 275	Airplane/Professional Pilot			3	AVS 157	Aircraft Systems & Structures I: Airframe			3
AVS 207	Flight Prep Level II			1	AVS 107	Flight Prep Level I			1
Approved Electives				1				Total	11
Total				12	Fourth Term				
Sixth Term					AVS 225	Airplane: Commercial Flight			4

AVS 267	Economics of Flight Operations	4	OR		
General Education		4	AVS 221	Airplane Complex Airplanes	1
Approved Electives		8	AVS 222	Airplane Commercial Maneuvers	1
Total		16	AVS 223	Airplane Commercial Proficiency	1
Seventh Term			AVS 224	Airplane Multi-Engine	1
AVS 255	Airplane: Pilot Performance	1	AVS 207	Flight Prep Level II	1
AVS 207	Flight Prep Level II	1	GS 109	Meteorology*	4
AVS 237	Aviation Law and Regulations	4	General Education		4
General Education		4	Total		13
			Fifth Term		
	Total	10	AVS 167	Aircraft Systems & Structures II: Powerplant	3
	Total	90	AVS 227	Aviation Careers	4
			AVS 275	Airplane/Professional Pilot	3
			AVS 207	Flight Prep Level II	1
			Approved Electives		1
			Total		12
			Sixth Term		
			AVS 267	Economics of Flight Operations	4
			Approved Electives		8
			General Education		4
			Total		16
			Seventh Term		
			AVS 255	Airplane: Pilot Performance	1
			AVS 207	Flight Prep Level II	1
			AVS 237	Aviation Law and Regulations	4
			General Education		4
				Total	10
				Total	90

PORTLAND COMMUNITY COLLEGE

Associate of Applied Science/Certificate Revision Request Form

Current Degree/Certificate Title: Aviation Science - Helicopter AAS

Proposed Degree/Certificate Title:

Reason for Revision:

The VA has begun requiring that students pay their flight training fees directly to PCC rather than our flight training provider, Hillsboro Aviation. PCC's business office has begun setting up a process to facilitate this, but it means that all of the flight training fees will be due during the term in which the student registers. Previously the students had a "Pay as you go" option. In order to make budgeting for the flight training more flexible, we have added an equivalent alternative for each PCC flight course where the course is broken down into one credit courses. This is similar to how the Math department has an alternative to Math 65: Math 61, 62, 63, that allows the student to cover the material more slowly. We have done this for most of our flight courses, but are leaving the original flight courses as an option for students who are fully funded to proceed at full speed. The cost is the same either way (One 3 credit course will cost the same as the equivalent three 1 credit courses). We have taken care to keep the number of total credits exactly the same. As part of the process of making this change, it was decided to change the prerequisites for the program to better prepare the students for success and close enrollment for the flight courses in order to make sure the students have been adequately advised before signing up.

Request Implementation Term: Fall 2009

List Current Degree/Certificate Prerequisites:

Sample

Course Number	Course Title	Credit
CAS 110	Intro to Web Graphic-Fireworks	1
CAS 175	Introduction to Flash	3

Current

Course Number	Course Title	Credit
MTH 20	Basic Math	4
Placement:		
WR 80	Writing 80	3
RD 90	Reading 90	3

Does Revision involve changing Degree/Certificate Prerequisites?

☐ No ☒ Yes

If Yes, please list proposed prerequisites:

Proposed

Course Number	Course Title	Credit
WR 115	Introduction to Expository Writing	4
MTH 60	Introductory Algebra	4

AVS127	Introduction to Aviation	4
--------	--------------------------	---

Does Revision impact PCC Core Outcomes which Degree and/or Certificates support?

☒ No ☐ Yes

If Yes, explain:

List Current Degree/Certificate Outcomes: (REQUIRED whether or not Outcomes are changing)

Sample

Current Degree/Certificate Outcome
<ul style="list-style-type: none"> Develop JavaScript extensions to web pages Upload, test and deploy web pages containing JavaScript

Current Degree/Certificate Outcome
<ul style="list-style-type: none"> Earn FAA certificates and ratings appropriate to the pilot career they seek. For Airplane: <ul style="list-style-type: none"> 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 (If Flight Instructor specialization is chosen). For Helicopter: <ul style="list-style-type: none"> Commercial Pilot Certificate with Rotorcraft Helicopter and optional Instrument Helicopter rating Flight Instructor Rating with Rotorcraft Helicopter rating. Gain additional knowledge and skills related to the aviation industry and acting as a professional pilot that are above and beyond the FAA certification requirements and will allow them to be safer, more effective pilots and be competitive in the pilot job market. Explore areas in math, writing, general education and approved elective course work that will allow them to function more effectively as an aviation employee and/or continue their education towards advanced degrees.

Does Revision involve changing Degree/Certificate Outcomes?

☒ No ☐ Yes

If Yes, list proposed outcomes:

Proposed Degree/Certificate Outcome
•

For Certificates, does Revision involve changing Related Instruction?

☒ No ☐ Yes

If Yes, Fill out Template for Related Instruction

(<http://www.pcc.edu/resources/academic/eac/degree/forms.html>).

All candidates for the Associate of Applied Science degree must complete 16 credits of General Education, 8 of which can be specified by the department issuing the degree. The 16 credits must include at least 1 course, with no more than 8 credits from the following three categories:

1. Arts and Humanities
2. Mathematics, Natural and Physical sciences, Social Science
3. Social Science

Does Revision involve changing coursework requirements?

☐ No ☒ Yes

If Yes, please list **ALL** current and proposed coursework:

Sample

Course Number	Course Title	Credit
CAS 110	Intro to Web Graphic-Fireworks	1
CAS 175	Introduction to Flash	3

Current

Course Number	Course Title	Credit
	See Attached	

Proposed

Course Number	Course Title	Credit
	See Attached	

Total Number of Credits in Degree/Certificate:

Current Credits: 90

Proposed Credits: 90

Contact Information:

Submitted by: Larry Altree

Contact e-mail: laltree@pcc.edu

Next Steps:

- Save completed Associate of Applied Science/Certificate Revision Request Form and Submit as an email attachment to curriculum@pcc.edu.
 - If needed, attach Related Instruction Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) to the same email.
- Download and print Associate of Applied Science/Certificate Revision Signature Page Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) and get the appropriate signatures.
- Staple signed Associate of Applied Science/Certificate Revision Signature Page Form to a hard copy of Associate of Applied Science/Certificate Revision Request Form (electronic version has already been sent in Step 1). Send both forms to Curriculum Office, Rock Creek Campus, Building 5, Room 114 via campus mail.

Aviation Science-Helicopter AAS Current				Aviation Science-Helicopter AAS Proposed			
With Instrument Rating				With Instrument Rating			
First Term				First Term			
AVS 110	Helicopter: Private Pilot Ground		4	AVS 110	Helicopter: Private Pilot Ground		4
AVS 115	Helicopter: Private Pilot Flight		3	AVS 115	Helicopter: Private Pilot Flight		3
AVS 107	Flight Prep Level I		1		OR		
AVS 127	Introduction to Aviation		4	AVS 111	Helicopter Pre-Solo		1
General Education			4	AVS 112	Helicopter Private Cross Country		1
	Total		16	AVS 113	Helicopter Private Proficiency		1
Second Term				AVS 107	Flight Prep Level I		1
AVS 137	Applied Aerodynamics		4	AVS 127	Introduction to Aviation		4
AVS 150	Helicopter: Commercial Ground		3	General Education			4
AVS 155	Helicopter: Introduction to Commercial Flight		3		Total		16
AVS 107	Flight Prep Level I		1	Second Term			
GS 109	Meteorology*		4	AVS 137	Applied Aerodynamics		4
	Total		15	AVS 150	Helicopter: Commercial Ground		3
Third Term				AVS 155	Helicopter: Introduction to Commercial Flight		3
AVS 157	Aircraft Systems & Structures I: Airframe		3		OR		
PHY 101	Fundamentals of Physics I*		4	AVS 151	Helicopter Commercial XC		1
	Or			AVS 152	Helicopter Intro to Commerical Basics		1
PHY 201	General Physics*		4	AVS 153	Helicopter Commercial Basic Practice		1
AVS 215	Helicopter: Commercial Flight-B		4	AVS 107	Flight Prep Level I		1
AVS 207	Flight Prep Level II		1	GS 109	Meteorology*		4
AVS 130	Instrumental Ground School		4		Total		15
	Total		16	Third Term			
Fourth Term				AVS 157	Aircraft Systems & Structures I: Airframe		3
AVS 227	Aviation Careers		4	PHY 101	Fundamentals of Physics I*		4
AVS 260	Helicopter: CFI Ground		4		Or		
AVS 265	Helicopter: CFI Flight		3	PHY 201	General Physics*		4
AVS 207	Flight Prep Level II		1	AVS 215	Helicopter: Commercial Flight-B		4
AVS 167	Aircraft Systems & Structures II: Powerplant		3		OR		
	Total		15	AVS 211	Helicopter Instrument Intro		1
Fifth Term				AVS 212	Helicopter Instrument Procedures		1
AVS 237	Aviation Law and Regulations		4	AVS 213	Helicopter Avanced Commercial		1
Approved Electives			8	AVS 214	Helicopter Commercial Test Prep		1

	Total	12	AVS 207	Flight Prep Level II	1
Sixth Term			AVS 130	Instrumental Ground School	4
AVS 267	Economics of Flight Operations	4		Total	16
Approved Electives		8	Fourth Term		
General Education		4	AVS 227	Aviation Careers	4
	Total	16	AVS 260	Helicopter: CFI Ground	4
	Total	90	AVS 265	Helicopter: CFI Flight	3
				OR	
			AVS 261	Helicopter Intro to CFI	1
			AVS 262	Helicopter CFI Development	1
			AVS 263	Helicopter CFI Test Prep	1
			AVS 207	Flight Prep Level II	1
			AVS 167	Aircraft Systems & Structures II: Powerplant	3
				Total	15
			Fifth Term		
			AVS 237	Aviation Law and Regulations	4
			Approved Electives		8
				Total	12
			Sixth Term		
			AVS 267	Economics of Flight Operations	4
			Approved Electives		8
			General Education		4
				Total	16
				Total	90

Aviation Science Helicopter AAS Current				Aviation Science Helicopter AAS Proposed			
Without Instrument Rating				Without Instrument Rating			
First Term				First Term			
AVS 110	Helicopter: Private Pilot Ground		4	AVS 110	Helicopter: Private Pilot Ground		4
AVS 115	Helicopter: Private Pilot Flight		3	AVS 115	Helicopter: Private Pilot Flight		3
AVS 107	Flight Prep Level I		1		OR		
AVS 127	Introduction to Aviation		4	AVS 111	Helicopter Pre-Solo		1
General Education			4	AVS 112	Helicopter Private Cross Country		1
	Total		16	AVS 113	Helicopter Private Proficiency		1
Second Term				AVS 107	Flight Prep Level I		1
AVS 137	Applied Aerodynamics		4	AVS 127	Introduction to Aviation		4
AVS 150	Helicopter: Commercial Ground		3	General Education			4
AVS 155	Helicopter: Introduction to Commercial Flight		3		Total		16
AVS 107	Flight Prep Level I		1	Second Term			
GS 109	Meteorology*		4	AVS 137	Applied Aerodynamics		4
	Total		15	AVS 150	Helicopter: Commercial Ground		3
Third Term				AVS 155	Helicopter: Introduction to Commercial Flight		3
AVS 157	Aircraft Systems & Structures I: Airframe		3		OR		
PHY 101	Fundamentals of Physics I*		4	AVS 151	Helicopter Commercial XC		1
	Or			AVS 152	Helicopter Intro to Commerical Basics		1
PHY 201	General Physics*		4	AVS 153	Helicopter Commercial Basic Practice		1
AVS 205	Helicopter/Commerical Flight		3	AVS 107	Flight Prep Level I		1
AVS 207	Flight Prep Level II		1	GS 109	Meteorology*		4
Approved Electives			5		Total		15
	Total		16	Third Term			
Fourth Term				AVS 157	Aircraft Systems & Structures I: Airframe		3
AVS 227	Aviation Careers		4	PHY 101	Fundamentals of Physics I*		4
AVS 260	Helicopter: CFI Ground		4		Or		
AVS 265	Helicopter: CFI Flight		3	PHY 201	General Physics*		4
AVS 207	Flight Prep Level II		1	AVS 205	Helicopter/Commerical Flight		3
AVS 167	Aircraft Systems & Structures II: Powerplant		3		OR		
	Total		15		Helicopter Instrument Intro		1
Fifth Term				AVS 212	Helicopter Instrument Procedures		1
AVS 237	Aviation Law and Regulations		4	AVS 213	Helicopter Avanced Commercial		1
Approved Electives			8	AVS 214	Helicopter Commercial Test Prep		1

	Total	12	AVS 207	Flight Prep Level II	1
Sixth Term			Approved Electives		5
AVS 267	Economics of Flight Operations	4		Total	16
Approved Electives		8	Fourth Term		
General Education		4	AVS 227	Aviation Careers	4
	Total	16	AVS 260	Helicopter: CFI Ground	4
	Total	90	AVS 265	Helicopter: CFI Flight	3
				OR	
			AVS 261	Helicopter Intro to CFI	1
			AVS 262	Helicopter CFI Development	1
			AVS 263	Helicopter CFI Test Prep	1
			AVS 207	Flight Prep Level II	1
			AVS 167	Aircraft Systems & Structures II: Powerplant	3
				Total	15
			Fifth Term		
			AVS 237	Aviation Law and Regulations	4
			Approved Electives		8
				Total	12
			Sixth Term		
			AVS 267	Economics of Flight Operations	4
			Approved Electives		8
			General Education		4
				Total	16
				Total	90

Degrees and Certificates Consent Agenda
June 3, 2009

1. Related Instruction: Emergency Medical Technician
2. CAS: Website Development and Design Certificate: Addition of CAS 275 as an elective.
3. CAS: Website Development and Design Degree: Addition of CAS 275 as an elective.
4. CAS: Website Development and Design Certificate: Addition of CAS 225 as an elective.

Template for Related Instruction in Certificates

1 Year Certificate		Emergency Medical Technician			Related instruction Hours in:			
Enter course information in light yellow areas (totals will be automatically calculated)								
Subject Code	Course Number	Course Title	Credits	Hours	Computation	Communication	Human Relation	Total RI
<i>Example: BKT</i>	101	Basket Weaving Basics	3	90	6	12	8	26
EMT	100	Introduction to EMS	3	90				No RI
EMT	105	EMT Basic Part 1	5	150	20			20
EMT	106	EMT Basic Part 2	5	150	24			24
EMT	113	Em Resp Communications	2	60				No RI
EMT	114	Em Resp Transportation	2	60	6			6
EMT	115	Crisis Intervention	3	90				No RI
EMT	116	EMT Rescue	3	90	6			6
EMT	118	Medical Terminology	3	90				No RI
				0				No RI
				0				No RI
PSY	101 (or higher)	Psychology & Human Relations	4	120				No RI
SP	111 (or higher)	Public Speaking	4	120				No RI
				0				No RI
				0				No RI
				0				No RI
				0				No RI
Totals			26	1020	56	0	0	56
Minimum for 1 yr certificate:					54	54	54	270
Remaining to meet Min. Requirement:					0	54	54	214