

**Degrees and Certificates Agenda  
Meeting 2  
February 11, 2009**

- 2:00 Revision-Gerontology-AAS-Jan Abushakrah  
Revision-Gerontology: Career Pathway Certificate-Jan Abushakrah**
- 2:15 Registrar's Report-Rebecca Mathern**
- 2:30 Revision-Fitness Technology-Certificate-Related Instruction-Moe O'Connor  
Revision-Fitness Technology-AAS-Moe O'Connor**
- 2: 45 Revision-Emergency Medical Technician-Certificate-Mark Hornshu  
Revision-Emergency Medical Technician-AAS-Mark Hornshu**
- 3:00 Revision-Paraeducator-Certificate-Ed Hunter-Bernstein  
Revision-Paraeducator-AAS-Ed Hunter-Bernstein**
- 3:15 Revision-EET: Renewable Energy Systems-Certificate-Sanda Williams  
Revision-EET: Renewable Energy Systems-AAS-Sanda Williams  
Revision-EET: Wireless and Data Communication-Sanda Williams**
- 3:30 Revision- Professional Music-Certificate-Allen Jones**
- 3:45 Revision-BCT: Construction Management-AAS-Bob Steele  
Revision-BCT: Design/Build-AAS-Bob Steele-Coursework breakdown will be brought to the meeting**
- 4:00 Revision- Drafting Technology and Design-Certificate-Mark Hagen**
- 4:15 Revision-Interior Design-AAS-Amanda Ferragario**
- 4:15 Revision- Health Information Management-Ann Wenning**
- 4:30 CIS Paperwork will be brought to the meeting.  
Revision-Computer Information Systems-E-Commerce Certificate-Related Instruction-Taylor Hanna  
Revision-Computer Information Systems-One Year Certificate-Related Instruction-Taylor Hanna  
Revision-Computer Information Systems-Network Administration Option-Taylor Hanna  
Revision-Computer Information Systems-AAS-Taylor Hanna**

**Consent Agenda:**

**PORTLAND COMMUNITY COLLEGE**

**Associate of Applied Science/Certificate  
Revision Request Form**

**Current Degree/Certificate Title:** Gerontology AAS Degree

**Proposed Degree/Certificate Title:**

**Reason for Revision:**

Removed AD 101 and replace it with AD 105. Remove PSY 215 and replace it with PSY 236.

**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

**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"> <li>Develop JavaScript extensions to web pages</li> <li>Upload, test and deploy web pages containing JavaScript</li> </ul>

Current Degree/Certificate Outcome
<ul style="list-style-type: none"> <li>Apply skills and knowledge to effective work with and for elders as a gerontology professional, and as a family and community member</li> <li>Use gerontological research and theories to plan, implement, and contribute to programs, policies, and social change strategies for and with elders in professional, institutional and community settings</li> <li>Communicate, collaborate, and access appropriate resources, while working with other professionals and with diverse stakeholders</li> </ul>

- Adhere to professional and ethical standards appropriate to one’s gerontological specialty, while managing one’s career and taking advantage of continuing learning opportunities
- If desired, pursue higher education for a bachelor or master degree, beginning at the third-year level

**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
	Currently Required:	
AD101	Alcohol Use and Addiction	3
PSY215	Human Development	4

**Proposed**

Course Number	Course Title	Credit
	Proposed Requirements:	
AD105	Aging and Addiction	3
PSY236	Psychology of Adult Development and Aging	4
	Add to electives:	

AD101	Acohol Use and Addiction	3
PSY215	Human Development	4

**Total Number of Credits in Degree/Certificate:**

Current Credits: 90

Proposed Credits: 90

**Contact Information:**

Submitted by: Jan Abushakrah

Contact e-mail: jabushak@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](mailto: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.

**GERONTOLOGY AAS DEGREE 2009-2010 [Revised 0109]**

Students should take GRN181: Exploring the Field of Aging in their first or second term in the program. The internship (cooperative education) will provide a unique opportunity for the students to work directly with older adults in different settings. Degree candidates who are currently working in the field with older adults and have accumulated work experience hours may petition to waive 1, 2 or 3 credits of the required internship credits, with 70 related work hours waiving 1 credit. Students must complete the program with a grade of "C" or better.

**Core Required Courses: (49 credits)**

GRN181	Exploring the Field of Aging	2 credits
GRN 282	Gerontology Professional Seminar	1 credit
<b>AD105</b>	<b>Aging and Addiction</b>	<b>3 credits</b>
PHL207	Ethical Issues in Aging	4 credits
<b>PSY 236</b>	<b>Psychology of Adult Development and Aging</b>	<b>4 credits</b>
SOC204	Sociology in Everyday Life	4 credits
SOC213	Diversity in the United States	4 credits
Soc 223	Sociology of Aging	4 credits
Soc 230	Introduction to Gerontology	4 credits
Soc 231	Sociology of Health and Aging	4 credits
Soc 232	Death and Dying: Culture and Issues	4 credits
GRN280B	Gerontology Internship Seminar	1 credit
GRN280A	CE: Gerontology Internship	10 credits

**Basic Competencies**

WR 121*	English Composition	4 credits
MTH 65**	Introductory Algebra	4 credits

\*Or passing a writing course for which WR 121 is a prerequisite

\*\*Or higher, or passing the MTH65 Competency Test

**Electives (at least 18 credits from the following courses):**

<b>AD 101</b>	<b>Alcohol Use &amp; Addiction</b>	<b>3 credits</b>
AD 102	Drug Use & Addiction	3 credits
AD 154	Case Management & Addiction	3 credits
AD 156	Ethical & Professional Issues	3 credits
BA 101	Introduction to Business	4 credits

FT 102	Injury Prevention & Management	2 credits
FT 106	Analysis of Movement	3 credits
FT 131	Structure & Function of the Human Body	4 credits
FT 202	Fitness and Aging	3 credits
GRN165	Basic Activity Director Training	2 credits
GRN235	Advanced Care Issues	2 credits
GRN236	Advanced Care Practice	2 credits
GRN265	Activity Professional Training 1	3 credits
GRN266	Activity Professional Training 2	3 credits
GRN267	Prof Therapeutic Horticulture	2 credits
GRN268	Therapeutic Hort Strategies	2 credits
GRN269	Therapeutic Hort Skills I	2 credits
GRN270	Therapeutic Hort Programming	2 credits
GRN271	Therapeutic Hort Skills II	2 credits
GRN272	Therapeutic Gardens	3 credits
HPE 295	Health & Physical Fitness for Life	3 credits
HE 212	Women's Health	4 credits
HE 213	Men's Health	4 credits
HE 242	Stress and Human Health	4 credits
HE 250	Personal Health	3 credits
HE 251	Community Health	4 credits
HE 252	First Aid: Basics and Beyond	4 credits
MP111	Medical Terminology	4 credits
PSY 101	Psychology and Human Relations	4 credits
PSY 201	General Psychology	4 credits
PSY 202	General Psychology	4 credits
PSY 214	Introduction to Personality	4 credits
<b>PSY 215</b>	<b>Human Development</b>	<b>4 credits</b>
PSY 222	Family & Intimate Relations	4 credits
PSY 231	Human Sexuality	4 credits
PSY 232	Human Sexuality	4 credits

SOC 205	Social Change & Social Institutions	4 credits
SOC 206	Social Problems	4 credits
SOC 218	Sociology of Gender	4 credits

**Choose one course from the following Restricted Electives\*:**

CAS 216	Beginning Word: WIN	3 credits
CAS 217	Advanced Word: WIN	3 credits
CAS 133	Basic Computer Skills/MS Office	4 credits
CAS 170	Excel	3 credits
CAS 140	Access	3 credits
CAS 231	Publisher	3 credits

**\*This requirement can be met through proof of comparable, work-based computer skills training.**

**Note:** It is recommended that students take HE101 – Cardiopulmonary Resuscitation (1 credit) or acquire training and receive a certificate of completion from a licensed public or private organization.

**General Education Requirements**

All candidates must earn 16 credit hours of General Education. These credits must come from courses taken in the following distribution areas:

1. Arts & Humanities
2. Social Sciences
3. Mathematics, Natural and Physical Sciences

The 16 credit hours must include at least one course from each category and no more than 8 credit hours from any one category. Two of the required courses required in the Gerontology degree may also be used to meet the General Education requirement.

**PORTLAND COMMUNITY COLLEGE**

**Associate of Applied Science/Certificate  
Revision Request Form**

**Current Degree/Certificate Title:** Gerontology Career Pathway Certificate

**Proposed Degree/Certificate Title:** None

**Reason for Revision:**

**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

**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"> <li>• Develop JavaScript extensions to web pages</li> <li>• Upload, test and deploy web pages containing JavaScript</li> </ul>

Current Degree/Certificate Outcome
<ul style="list-style-type: none"> <li>• Apply skills and knowledge to effective work with and for elders as a gerontology professional, and as a family and community member</li> <li>• Use gerontological research and theories to plan, implement, and contribute to programs, policies, and social change strategies for and with elders in professional, institutional and community settings</li> <li>• Communicate, collaborate, and access appropriate resources, while working with other professionals and with diverse stakeholders in service and program</li> </ul>



- delivery
- Adhere to professional and ethical standards appropriate to one's gerontological specialty, while managing one's career and taking advantage of continuing learning opportunities
  - Work as an age specialist in the area of one's prior work experience, credential or degree (if appropriate)
  - If desired, pursue the additional 47 credits to earn an AAS Degree in Gerontology

**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
	Currently Required:	
PSY215	Human Development	4

**Proposed**

Course Number	Course Title	Credit
	Proposed Requirement:	
PSY236	Psychology of Adult Development and Aging	4

AD105	Add to Electives Aging and Addiction	3
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**Total Number of Credits in Degree/Certificate:**

Current Credits: 43

Proposed Credits: 43

**Contact Information:**

Submitted by: Jan Abushakrah

Contact e-mail: jabushak@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](mailto: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.

## Gerontology Career Pathway Certificate **[Revised 0109]\***

Students should take GRN181: Exploring the Field of Aging in their first or second term in the program. The **internship (cooperative education)** will provide a unique opportunity for the students to work directly with older adults in different settings. Certificate candidates who are currently working in the field with older adults and have accumulated work experience hours may petition to waive 1, 2 or 3 credits of the required internship credits, with 70 related work hours waiving 1 credit. Students must complete the program with a grade of “C” or better. The 43 credits earned in this Certificate count toward the Gerontology AAS Degree.

### Core Courses: (28 credits)

GRN181	Exploring the Field of Aging	2 credits
GRN282	Gerontology Professional Seminar	1 credit
<b>PSY 236</b>	<b>Psychology of Adult Development and Aging</b>	<b>4 credits</b>
SOC 223	Sociology of Aging	4 credits
SOC 230	Introduction to Gerontology	4 credits
SOC 231	Sociology of Health and Aging	4 credits
SOC 232	Death and Dying: Culture and Issues	4 credits
GRN280B	Gerontology Internship Seminar	1 credit
GRN280A	CE: Gerontology Internship	4 credits

### Basic Competencies

WR 121*	English Composition	4 credits
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\*Or passing a writing course for which WR 121 is a prerequisite

### Choose one course from the following Restricted Electives\*:

CAS 216	Beginning Word: WIN	3 credits
CAS 217	Advanced Word: WIN	3 credits
CAS 133	Basic Computer Skills/MS Office	4 credits
CAS 170	Excel	3 credits
CAS 140	Access	3 credits
CAS 231	Publisher	3 credits

\*This requirement can be met through proof of comparable, work-based computer skills training.

**Electives (at least 8 credits from the following courses):**

AD 101	Alcohol Use & Addiction	3 credits
<b>AD 105</b>	<b>Aging and Addiction</b>	<b>3 credits»</b>
GRN165	Basic Activity Director Training	2 credits
GRN166	Therapeutic Horticulture	1 credit
GRN235	Advanced Care Issues	2 credits
GRN236	Advanced Care Practice	2 credits
SOC204	Sociology in Everyday Life	4 credits»
SOC 205	Social Change & Social Institutions	4 credits
SOC 213	Diversity in the United States	4 credits»
PHL 207	Ethical Issues in Aging	4 credits»
PSY 101	Psychology and Human Relations	4 credits
PSY 214	Introduction to Personality	4 credits
<b>PSY 215</b>	<b>Human Development</b>	<b>4 credits</b>
PSY 222	Family & Intimate Relations	4 credits
MP 111	Medical Terminology	4 credits
HPE 295°	Health & Physical Fitness for Life	3 credits
HE 250	Personal Health	3 credits
BA 101	Introduction to Business	4 credits

° HPE295 requires on-campus initial, midterm and final assessments for Lab.

»These courses are required for the AAS Degree.

**Note:** It is recommended that students take HE101 – Cardiopulmonary Resuscitation (1 credit) or acquire training and receive a certificate of completion from a licensed public or private organization.

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\*Approved by PCC Certificates & Degrees Committee 10/01/08

**PORTLAND COMMUNITY COLLEGE**

**Associate of Applied Science/Certificate  
Revision Request Form**

**Current Degree/Certificate Title:** FITNESS TECHNOLOGY CERTIFICATE

**Proposed Degree/Certificate Title:**

**Reason for Revision:**

UPDATE CORE PROGRAM OUTCOMES, COURSE WORK, RELATED INSTRUCTION, CREDITS

- 1) INCREASE FT 101 FROM 2CR TO 3CR
- 2) INCREASE FT 102 FROM 2CR TO 3CR
- 3) INCREASE FT 103 FROM 2CR TO 3CR
- 4) REMOVE CAS 133 (4CR)
- 5) ADD A NEW PROFESSIONAL ACTIVITIES: TEAM SPORTS OPTION
- 6) ADD A NEW TEAM SPORTS CHOICE OPTION

**Request Implementation Term:**

**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"> <li>• Develop JavaScript extensions to web pages</li> <li>• Upload, test and deploy web pages containing JavaScript</li> </ul>

<b>Current Degree/Certificate Outcome</b>
<ul style="list-style-type: none"> <li>• Meet qualifications for employment as an entry level instructor in the fitness and wellness industry.</li> <li>• Develop, demonstrate, and implement appropriate fitness assessments and programs for healthy populations.</li> <li>• Apply the knowledge and skill base gained in a Fitness Technology Certificate when critically evaluating and interpreting fitness and wellness information. Use valid fitness and wellness information to effectively educate clients.</li> <li>• Identify, evaluate, and take advantage of learning opportunities in the fitness and wellness industry that contribute to personal and professional growth and adaptability.</li> <li>• Demonstrate sufficient knowledge and skills to qualify for nationally recognized fitness certifications, including but not limited to: <ul style="list-style-type: none"> <li>• American Red Cross CPR, AED, 1st Aid &amp; Sports Safety Training</li> <li>• American Red Cross: Fundamentals of Instructor Training</li> <li>• American College of Sports Medicine (ACSM) Personal Trainer</li> <li>• National Strength and Conditioning Association (NSCA) Personal Trainer</li> <li>• American College on Exercise (ACE) Group Fitness Instructor (if completed PE 282)</li> <li>• Aquatic Exercise Association (AEA) Aquatic Exercise Instructor (if completed PE 287)</li> </ul> </li> </ul>

**Does Revision involve changing Degree/Certificate Outcomes?**

No       Yes

If Yes, list proposed outcomes:

<b>Proposed Degree/Certificate Outcome</b>
<ul style="list-style-type: none"> <li>• Meet qualifications for employment as an entry level instructor in the fitness and wellness industry.</li> <li>• Develop, demonstrate, and implement appropriate fitness assessments and programs for healthy populations.</li> <li>• Apply the knowledge and skill base gained in a Fitness Technology Certificate when critically evaluating and interpreting fitness and wellness information. Use valid fitness and wellness information to effectively educate clients.</li> <li>• Identify, evaluate, and take advantage of learning opportunities in the fitness and wellness industry that contribute to personal and professional growth and adaptability.</li> <li>• Demonstrate sufficient knowledge and skills to qualify for nationally recognized fitness certifications, including but not limited to: <ul style="list-style-type: none"> <li>American Red Cross: CPR &amp; AED – Adult &amp; Child, First Aid, Sports Safety Training</li> <li>American Red Cross: Fundamentals of Instructor Training</li> <li>American College of Sports Medicine (ACSM): Certified Personal Trainer</li> <li>National Strength and Conditioning Association (NSCA): Certified Personal Trainer</li> <li>American College on Exercise (ACE): Group Fitness Instructor (if completed PE 282)</li> <li>Aquatic Exercise Association (AEA): Aquatic Exercise Instructor (if completed PE 287)</li> </ul> </li> </ul>

**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 SPREADSHEET	

**Proposed**

Course Number	Course Title	Credit
	SEE ATTACHED SPREADSHEET	

**Total Number of Credits in Degree/Certificate:**

Current Credits: 48

Proposed Credits: 47

**Contact Information:**

Submitted by: JANEEN HULL

Contact e-mail: JAN.HULL@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](mailto: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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### Template for Related Instruction in Certificates

<b>45 to 89 credits</b>		<b>FITNESS TECHNOLOGY</b>			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>	<i>101</i>	<i>Basket Weaving Basics</i>	<i>4</i>	<i>120</i>	<i>6</i>	<i>12</i>	<i>8</i>	<i>26</i>
FT	103	NUTRITION FOR FITNESS INSTRUCTORS	3	90	12			12
FT	104	FITNESS ASSESSMENT/PROGRAMMING I	3	90	30			30
FT	105	FITNESS ASSESSMENT/PROGRAMMING II	3	90	18			18
				0				No RI
				0				No RI
				0				No RI
				0				No RI
				0				No RI
				0				No RI
				0				No RI
				0				No RI
				0				No RI
				0				No RI
				0				No RI
				0				No RI
				0				No RI
Totals			<b>9</b>	<b>270</b>	<b>60</b>	<b>0</b>	<b>0</b>	<b>60</b>
Minimum for 1 yr certificate:					48	48	48	240
Remaining to meet Min. Requirement:					0	48	48	180



FALL	FT AAS DEGREE COURSE WORK	CURRENT CREDITS	FALL	FT AAS DEGREE COURSE WORK	PROPOSED CREDITS
FT 101	Fit Tech Seminar	2	FT 101	Fit Tech Seminar	3
FT 102	Injury Prevention	2	FT 102	Injury Prevention	3
FT 131	Structure & Function	4	FT 131	Structure & Function	4
HPE 295	Health & Fitness For Life	3	HPE 295	Health & Fitness For Life	3
PE 181A	Weight Training	1	PE 181A	Weight Training	1
CAS 133	Intro to Microcomputers	4		REMOVED	0
	16			14	
<b>WINTER</b>			<b>WINTER</b>		
FT 103	Nutrition for Fitness Instructors	2	FT 103	Nutrition for Fitness Instructors	3
FT 104	Fitness Assessment I	3	FT 104	Fitness Assessment I	3
FT 106	Analysis of Movement	3	FT 106	Analysis of Movement	3
PE 281	Professional Activities - Wt Training	2	PE 281	Professional Activities - Wt Training	2
SP 111	Speech [AH Gen Ed Option]	4	SP 111	Speech [AH Gen Ed Option]	4
	14			15	
<b>SPRING</b>			<b>SPRING</b>		
FT 105	Fitness Assessment II	3	FT 105	Fitness Assessment II	3
FT 107	Exercise Science I	3	FT 107	Exercise Science I	3
FT 280A	Internship 1	4	FT 280A	Internship I	4
PSY 101	Psychology [SS Gen Ed Option]	4	PSY 101	Psychology [SS Gen Ed Option]	4
	14			14	
<b>FALL</b>			<b>FALL</b>		
FT 203	Fitness Promotion	3	FT 203	Fitness Promotion	3
FT 204	Exercise Science II	2	FT 204	Exercise Science II	3
CG 280C	PE Co-Op	1	CG 280C	PE Co-Op	1
FN 225	Nutrition [Science Gen Ed Option]	4	FN 225	Nutrition [Science Gen Ed Option]	4
	10			11	
<b>WINTER</b>			<b>WINTER</b>		
CG 280D	FIT TECH Co-Op	1	CG 280D	FIT TECH Co-Op	1
FT 201	Fitness Assessment III	3	FT 201	Fitness Assessment III	3
FT 202	Fitness & Aging	3	FT 202	Fitness & Aging	3
	7			7	
<b>SPRING</b>			<b>SPRING</b>		
FT 280B	Internship 2 - Degree	4	FT 280B	Internship 2 - Degree	4
	4			4	
	<b>RESTRICTED ELECTIVE</b>			<b>ELECTIVE</b>	
	Bio <i>OR</i> Chem [Science Gen Ed Option]	4		REMOVED RESTRICTION	4
	4			4	
	<b>PRO-ACT ELECTIVES: (3cr)</b>			<b>PRO-ACT ELECTIVES: (3cr)</b>	
PE 282A	Professional Activities - Group Fitness	1	PE 282A	Professional Activities - Group Fitness	1
PE 282B	Professional Activities - Special Populations	2	PE 282B	Professional Activities - Special Populations	2
PE 283	Professional Activities - Mind Body	1	PE 283	Professional Activities - Mind Body	1
PE 287	Professional Activities - Aquatics	1	PE 287	Professional Activities - Aquatics	1
			PE 288	Professional Activities - Team Sports * <b>NEW OPTION</b>	1
	3			3	
	<b>PE ELECTIVES: (3cr)</b>			<b>PE ELECTIVES: (3cr)</b>	
PE	PE - Group Fitness Choice	1	PE	PE - Group Fitness Choice	1
PE	PE - Tai Chi <i>OR</i> Yoga Choice	1	PE	PE - Tai Chi <i>OR</i> Yoga Choice	1
PE	PE - Aquatics Choice	1	PE	PE - Aquatics Choice	1
			PE	PE - Team Sports Choice * <b>NEW OPTION</b>	1
	3			3	
	<b>GEN ED (16cr)</b>			<b>GEN ED (16cr)</b>	
AH	Arts/Humanities [MIN: 1Course & MAX: 8 Credits]		AH	Arts/Humanities [MIN: 1Course & MAX: 8 Credits]	
SS	Social Sciences [MIN: 1Course & MAX: 8 Credits]		SS	Social Sciences [MIN: 1Course & MAX: 8 Credits]	
MTH-SC-C	Mth-SC-Comp [MIN: 1Course & MAX: 8 Credits]		MTH-SC-C	Mth-SC-Comp [MIN: 1Course & MAX: 8 Credits]	
	16			16	
	<b>Total Credits - FT AAS DEGREE</b>	<b>91</b>		<b>Total Credits - FT AAS DEGREE</b>	<b>91</b>

\*DEG Requirement: 2 Req Courses may count toward Gen Ed [1 course each - AH, SS, MTH-SC-C]

**PORTLAND COMMUNITY COLLEGE**

**Associate of Applied Science/Certificate  
Revision Request Form**

**Current Degree/Certificate Title:** FITNESS TECHNOLOGY AAS DEGREE

**Proposed Degree/Certificate Title:**

**Reason for Revision:**

UPDATE OUTCOMES, UPDATE COURSE WORK

- 1) Remove CAS 133 (4cr)
- 2) Increase FT 101 from 2cr to 3cr
- 3) Increase FT 102 from 2cr to 3cr
- 4) Increase FT 103 from 2cr to 3cr
- 5) Remove the Biology/Chemistry restriction
- 6) Add PE 288 Professional Activities Team Sports Option
- 7) Add Team Sports Choice Option

**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

**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"> <li>• Develop JavaScript extensions to web pages</li> <li>• Upload, test and deploy web pages containing JavaScript</li> </ul>

Current Degree/Certificate Outcome

- Meet qualifications for employment as an entry level professional in the fitness and wellness industry. Gain additional program-related work experience for higher level positions in the fitness and wellness industry.
- Develop, demonstrate, and implement appropriate fitness assessments and programs for healthy populations and individuals with special exercise program requirements (i.e. seniors, youth, and at-risk populations).
- Apply the knowledge and skills gained in a Fitness Technology AAS Degree when critically evaluating and interpreting fitness and wellness information. Use valid fitness and wellness information to effectively educate clients and the community.
- Identify, evaluate, and take advantage of learning opportunities in the fitness and wellness industry that contribute to personal and professional growth and adaptability.
- Demonstrate sufficient knowledge and skills to qualify for nationally recognized fitness certifications, including but not limited to:
  - American Red Cross CPR, AED, 1st Aid & Sports Safety Training
  - American Red Cross: Fundamentals of Instructor Training
  - American College of Sports Medicine (ACSM) Personal Trainer
  - National Strength and Conditioning Association (NSCA) Personal Trainer
  - American College of Sports Medicine (ACSM) Health Fitness Instructor (HFI)
  - American College on Exercise (ACE) Group Fitness Instructor (if completed PE 282)
  - Aquatic Exercise Association (AEA) Aquatic Exercise Instructor (if completed PE 287)
- Meet transfer requirements for entry into four-year college programs in Pre-Physical Education, Exercise and Sport Science, Pre-Physical Therapy, Pre-Athletic Training, Pre-Occupational Therapy, Health Promotion, Fitness Promotion, and other related educational, technical, and professional fields.
- 

**Does Revision involve changing Degree/Certificate Outcomes?**

No       Yes

If Yes, list proposed outcomes:

<b>Proposed Degree/Certificate Outcome</b>
<ul style="list-style-type: none"> <li>• Meet qualifications for employment as an entry level professional in the fitness and wellness industry. Gain additional program-related work experience for higher level positions in the fitness and wellness industry</li> <li>• Develop, demonstrate, and implement appropriate fitness assessments and programs for healthy populations and individuals with special exercise program requirements (i.e. seniors, youth, and at-risk populations)</li> <li>• Apply the knowledge and skills gained in a Fitness Technology AAS Degree when critically evaluating and interpreting fitness and wellness information. Use valid fitness and wellness information to effectively educate clients and the community</li> <li>• Identify, evaluate, and take advantage of learning opportunities in the fitness and wellness industry that contribute to personal and professional growth and adaptability</li> <li>• Demonstrate sufficient knowledge and skills to qualify for nationally recognized fitness certifications, including but not limited to:                      American Red Cross: CPR &amp; AED – Adult &amp; Child, First Aid, Sports Safety Training                      American Red Cross: Fundamentals of Instructor Training                      American College of Sports Medicine (ACSM): Certified Personal Trainer                      National Strength and Conditioning Association (NSCA): Certified Personal Trainer</li> </ul>

American College of Sports Medicine (ACSM): Health Fitness Specialist  
 American College on Exercise (ACE): Group Fitness Instructor (if completed PE 282)  
 Aquatic Exercise Association (AEA): Aquatic Exercise Instructor (if completed PE 287)

- Meet transfer requirements for entry into four-year college programs in Pre-Physical Education, Exercise and Sport Science, Pre-Physical Therapy, Pre-Athletic Training, Pre-Occupational Therapy, Health Promotion, Fitness Promotion, and other related educational, technical, and professional fields.

**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 SPREADSHEET	

**Proposed**

Course Number	Course Title	Credit
	* SEE ATTACHED SPREADSHEET	

**Total Number of Credits in Degree/Certificate:**

Current Credits: 91

Proposed Credits: 91

**Contact Information:**

Submitted by: JANEEN HULL

Contact e-mail: JAN.HULL@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](mailto: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.

**PORTLAND COMMUNITY COLLEGE**

**Associate of Applied Science/Certificate  
Revision Request Form**

**Current Degree/Certificate Title:** Emergency Medical Technician Certificate

**Proposed Degree/Certificate Title:**

**Reason for Revision:**

Statewide degree requirements change.

- 1) Increase EMT 105 from 4cr to 5cr
- 2) Change Social Science Gen Ed Elective (suggestion) from PSY 101, 201A and SOC 232 to just PSY 101 or higher
- 3) Inactivate EMT 280B
- 4) Change the computer requirement from CIS 120 or CAS 133 to Any CIS or CAS course 101 or higher.
- 5) Inactivate EMT 117
- 6) Add EMT 113 and EMT 114.

**Request Implementation Term:** Spring 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

**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"> <li>• Develop JavaScript extensions to web pages</li> <li>• Upload, test and deploy web pages containing JavaScript</li> </ul>

Current Degree/Certificate Outcome

- none listed currently

**Does Revision involve changing Degree/Certificate Outcomes?**

No       Yes

If Yes, list proposed outcomes:

Proposed Degree/Certificate Outcome
<ul style="list-style-type: none"> <li>• EMT One-year certificate completers will have met all academic entry requirements for any Oregon Paramedic Associate Degree Program's "final year".</li> </ul>

**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
EMT 105	EMT Basic Part I	4
EMT 280B	EMT Seminar	1
EMT 117	Emerg Resp Comm/Pt Trans	3
SP 111	Fundamentals of Speech	3-4
WR 121	English Composition	3-4
CIS 120 or	Computer Concepts I or	3-4
CAS 133	Basic Computer Skills/MS Office	3-4
Gen Ed Elect		3-4
Gen Ed Elect		3-4
Gen Ed Soc Sci	PSY 101, 201A; SOC 232	3-4

**Proposed**

Course Number	Course Title	Credit
EMT 105	EMT Basic Part I	5
EMT 113	Emerg Resp Communications	2
EMT 114	Emerg Resp Transportation	2

WR 121	English Composition	4
SP111 or higher		3-4
CIS101 or higher		3-4
Gen Ed Elect		4
Gen Ed Elect		4
PSY101 or higher		4

**Total Number of Credits in Degree/Certificate:**

Current Credits: 63-68

Proposed Credits: 67

**Contact Information:**

Submitted by: Dennese Kelsay/Mark Hornshuh

Contact e-mail: dkelsay@pcc.edu; mhornshu@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](mailto: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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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.



<b>Emergency Medical Technician-Certificate</b>		
<b>Course of Study</b>		
<b>Term 1</b>		
HPE 295	Health and Fitness	3
EMT 100	Introduction to Emergency Medical Services	3
WR 121	English Composition	4
General Education elective any		4
		<b>14</b>
<b>Term 2</b>		
MTH 65	Introduction Algebra	4
BI 231	Human Anatomy & Physiology I	4
EMT 105	EMT Basic - Part I ( <b>Increase</b> )	5
SP	111 or Higher	3 to 4
General Education elective - Social Science (PSY 101 or higher)		4
		<b>20</b>
<b>Term 3</b>		
BI 232	Human Anatomy and Physiology II	4
EMT 106	EMT Basic - Part II	5
<b>EMT 280B (Inactivated)</b>		
EMT 116	EMT Rescue	3
<b>CIS 101</b>	<b>Or Higher</b>	<b>3 to 4</b>
	or	
<b>CAS 101</b>	<b>Or Higher</b>	<b>3 to 4</b>
		<b>15</b>
<b>Term 4</b>		
BI 233	Human Anatomy and Physiology III	4
EMT 115	Crisis Intervention	3
EMT 117 Emergency Response Communication/Patient (Inactivated)		
EMT 113	Emergency Response Communication	2
EMT 114	Emergency Response Transportation	2
EMT 118	EMT Medical Terminology	3
General Education elective		4
		<b>18</b>
		<b>Total</b>
		<b>67</b>

**PORTLAND COMMUNITY COLLEGE**

**Associate of Applied Science/Certificate  
Revision Request Form**

**Current Degree/Certificate Title:** Emergency Medical Technology - Paramedic

**Proposed Degree/Certificate Title:** Emergency Medical Technology - Paramedic

**Reason for Revision:**

Statewide Standard Degree changes require compliance.

- 1) Adding EMT 113 and EMT 114
- 2) Inactivating EMT 117 and EMT 280B.
- 3) Increasing EMT 250 from 6cr to 7cr
- 4) Increasing EMT 105 from 4cr to 5cr.
- 5) Changing the computer requirement from CIS 120 or CAS 133 to Any CIS or CAS course 101 or higher.
- 6) Changing Social Science General Education Elective (suggestion) from PSY 101, 201A or SOC 232 to be just PSY 101 or higher

**Request Implementation Term:** Spring 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

**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"> <li>• Develop JavaScript extensions to web pages</li> <li>• Upload, test and deploy web pages containing JavaScript</li> </ul>

Current Degree/Certificate Outcome
<ul style="list-style-type: none"> <li>• none currently listed</li> </ul>

**Does Revision involve changing Degree/Certificate Outcomes?**

No       Yes

If Yes, list proposed outcomes:

Proposed Degree/Certificate Outcome
<ul style="list-style-type: none"> <li>• Successful completers of AAS Paramedic Degree Program will have met all academic requirements to meet eligibility for talomg National and Oregon Paramedic certification examinations.</li> </ul>

**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
EMT 105	EMT Basic Part I	4
EMT 280B	EMT Seminar	1
EMT 117	Emerg Resp Comm/Pt Trans	3
EMT SP 111	Fundamentals of Speech	3-4
WR 121	English Composition	3-4
CIS 120 or	Computer Concepts I or	3-4
CAS 133	Basic Computer Skills/MS Office	3-4
Gen Ed Elect		3-4
Gen Ed Elect		3-4
Gen Ed Soc Sci	PSY 101, 201A; SOC 232	3-4
EMT 250	Paramedic Field Internship II	6

**Proposed**

Course Number	Course Title	Credit
EMT 105	EMT Basic Part I	5

EMT 113	Emerg Resp Communications	2
EMT 114	Emerg Resp Transportation	2
SP111or higher		3-4
WR 121	English Composition	4
CIS101orhigher		3-4
Gen Ed Elect		4
Gen Ed Elect		4
PSY101orhigher		4
EMT 250	Paramedic Field Internship II	7

**Total Number of Credits in Degree/Certificate:**

Current Credits: 108

Proposed Credits: 107

**Contact Information:**

Submitted by: Dennese Kelsay/Mark Hornshuh

Contact e-mail: dkelsay@pcc.edu; mhornshu@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](mailto: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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Emergency Medical Technician-Paramedic AAS		
Course of Study		
<b>Term 1</b>		
HPE 295	Health and Fitness	3
EMT 100	Introduction to Emergency Medical Services	3
WR 121	English Composition	4
General Education elective		3 to 4
		<b>13</b>
<b>Term 2</b>		
<b>MTH 65</b>	<b>Introduction Algebra *</b>	<b>4</b>
BI 231	Human Anatomy & Physiology I	4
EMT 105	EMT Basic - Part I	4
SP 111	Fundamentals of Speech	4
General Education elective - Social Science (PSY 101, 201A; SOC 232)		4 20
<b>Term 3</b>		
BI 232	Human Anatomy and Physiology II	4
EMT 106	EMT Basic - Part II	5
EMT 280B		1
EMT 116	EMT Rescue	3
CIS 120	Computer Concepts I	
	or	
CAS 133	Basic Computer Skills/MS Office	4
		<b>17</b>
<b>Term 4</b>		
BI 233	Human Anatomy and Physiology III	4
EMT 115	Crisis Intervention	3
EMT 117	Emergency Response Communication/Patient	3
EMT 118	EMT Medical Terminology	3
General Education elective		4
		<b>14</b>
<b>Term 5</b>		

Emergency Medical Technician-Paramedic AAS		
Course of Study		
<b>Term 1</b>		
HPE 295	Health and Fitness	3
EMT 100	Introduction to Emergency Medical Services	3
WR 121	English Composition	4
General Education elective any		4
		<b>14</b>
<b>Term 2</b>		
<b>MTH 65</b>	<b>Introduction Algebra *</b>	<b>4</b>
BI 231	Human Anatomy & Physiology I	4
EMT 105	EMT Basic - Part I <b>(Increase)</b>	5
SP	111 or Higher	3 to 4
General Education elective - Social Science (PSY 101 or higher)		4 20
<b>Term 3</b>		
BI 232	Human Anatomy and Physiology II	4
EMT 106	EMT Basic - Part II	5
EMT 280B	<b>(Inactivated)</b>	
EMT 116	EMT Rescue	3
<b>CIS 101</b>	<b>Or Higher</b>	<b>3 to 4</b>
	or	
<b>CAS 101</b>	<b>Or Higher</b>	<b>3 to 4</b>
		<b>15</b>
<b>Term 4</b>		
BI 233	Human Anatomy and Physiology III	4
EMT 115	Crisis Intervention	3
EMT 117	Emergency Response Communication/Patient (Inactivated)	
EMT 113	Emergency Response Communication	2
EMT 114	Emergency Response Transportation	2
EMT 118	EMT Medical Terminology	3
General Education elective		4

EMT 240	Paramedic I	13
		<b>13</b>
<b>Term 6</b>		
EMT 242	Paramedic II	9
EMT 244	Paramedic Clinical Internship I	3
		<b>12</b>
<b>Term 7</b>		
EMT 246	Paramedic Clinical Internship II	4
EMT 248	Paramedic Field Internship I	2
		<b>6</b>
<b>Term 8</b>		
EMT 250	Paramedic Field Internship II	6
EMT 252	Paramedic III	2
		<b>8</b>

		<b>18</b>
<b>Term 5</b>		
EMT 240	Paramedic I	<b>13</b>
<b>Term 6</b>		
EMT 242	Paramedic II	9
EMT 244	Paramedic Clinical Internship I	<b>3</b>
		<b>12</b>
<b>Term 7</b>		
EMT 246	Paramedic Clinical Internship II	4
EMT 248	Paramedic Field Internship I	<b>2</b>
		<b>6</b>
<b>Term 8</b>		
EMT 250	Paramedic Field Internship II <b>(Increase)</b>	7
EMT 252	Paramedic III	<b>2</b>
		<b>107</b>

**PORTLAND COMMUNITY COLLEGE**

**Associate of Applied Science/Certificate  
Revision Request Form**

**Current Degree/Certificate Title:** Paraeducator Certificate

**Proposed Degree/Certificate Title:**

**Reason for Revision:**

Prerequisite change allowing for some elective courses to be used to meet core requirements

- 1) ED 258-Title change
- 2) ED 259-Title change
- 3) ED 290-Title change
- 4) ED 291-Title change
- 5) Add 259 as an or to ED 258
- 6) Add 291 as an or to ED 290

**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

**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"> <li>• Develop JavaScript extensions to web pages</li> <li>• Upload, test and deploy web pages containing JavaScript</li> </ul>

Current Degree/Certificate Outcome

- Apply current education, motivation, human development, technology, and diversity research, theory, and practice to conduct and evaluate individual and small group instruction prescribed by the supervising teacher.
- Perform non-instructional tasks necessary to provide clerical, media related, and supervisory support to the classroom teacher.
- Use established behavior management programs and instructional routines to carry out the goals and objectives of the school.
- Practice ethical and professional behaviors and attitudes necessary to the role of an educator; apply knowledge of legal, ethical, health, and safety considerations and procedures; demonstrate understanding of the roles of paraeducators as collaborative team members and communicate effectively with others in the educational setting.
- Adapt learning activities and materials to accommodate the needs of diverse learners.
- Demonstrate academic competencies required to work as a "highly qualified" paraeducator as defined by No Child Left Behind.
- Demonstrate and apply knowledge of specific effective instructional practices and management techniques for students who are learning English or who have special needs.
  
- Meet the following statewide certificate outcomes and apply that knowledge and skill in the educational setting:
  - 1. Demonstrate appropriate strategies and techniques to provide instructional support to students of diverse populations.
  - 2. Demonstrate attitudes and behaviors that are appropriate to meeting the needs of diverse populations.
  - 3. Apply best practices in classroom management to optimize the potential for student learning.
  - 4. Practice ethical and legal standards of conduct.
    - 5. Apply technology to support teaching, learning and communication.

**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 side-by-side chart of revisions	

**Proposed**

Course Number	Course Title	Credit
	see attached side-by-side chart of revisions	

**Total Number of Credits in Degree/Certificate:**

Current Credits: 51

Proposed Credits: 51

**Contact Information:**

Submitted by: Gabe Hunter-Bernstein

Contact e-mail: [ghunterb@pcc.edu](mailto:ghunterb@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](mailto: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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**Paraeducator Certificate Revisions(Courses in Bold have been submitted for revision)**

Current Core Course Requirements			Proposed Core Course Requirements		
Course #	Course Title	Credits	New #	Course Title	Credits
ED 100	Intro. to Education	3	ED 100	Intro to Education	3
ED 131	Applied Learning Theory	3	ED 131	Applied Learning Theory	3
ED 251	Overview of Exceptional Learners	3	ED 251	Overview of Exceptional Learners	3
ED 258	Multicultural Education I	3	ED 258 or 259	<b>Multicultural Education:Principles or Multicultural Education: Applications</b>	3
ED 102	Displays and Graphics	3	ED 102	Displays and Graphics	3
ED 136	Computers in Education I	3	ED 136	Computers in Education I	3
ED 123	Instructional Strategies: Reading	3	ED 123	Instructional Strategies: Reading	3
ED 124	Instructional Strategies: Math/Science*	3	ED 124	Instructional Strategies: Math/Science*	3
ED 290	Strategies for Teaching ELL-I	3	ED 290 or 291	<b>Sheltered Instruction for English Language Learners or Bilingual and ESL Strategies</b>	3
ED 224	Foundations of Education	3	ED 224	Foundations of Education	3
ED 270	Practicum	3	ED 270	Practicum	3
ED 271	Practicum	3	ED 271	Practicum	3
ED 263	Portfolio Development	2	ED 263	Portfolio Development	2
PSY 215	Human Development	4	PSY 215	Human Development	4
Core Course Credits		42	Core Course Credits		42

English Language Learner Emphasis

ED 217	Classroom Management	3	ED 217	Classroom Management	3
ED 259	Multicultural Education II	3	ED 258 or 259	<b>Multicultural Education:Principles or Multicultural Education: Applications</b>	3
Ed 291	Strategies for Teaching ELL-II	3	ED 290 or 291	<b>Sheltered Instruction for English Language Learners or Bilingual and ESL Strategies</b>	3
Certificate Credits		51	Certificate Credits		51

or

Special Education Emphasis

ED 252	Behavior Management	3	ED 252	Behavior Management	3
ED 268	Intro. To Dev. Dis.	3	ED 268	Intro. To Dev. Dis.	3
ED 269	Intro. To Teaching LD	3	ED 269	Intro. To Teaching LD	3
Certificate Credits		51	Certificate Credits		51

\* May substitute MTH 211 for ED 124

Paraeducator Certificate Total Credits.....51

**PORTLAND COMMUNITY COLLEGE**

**Associate of Applied Science/Certificate  
Revision Request Form**

**Current Degree/Certificate Title:** AAS-Paraeducator

**Proposed Degree/Certificate Title:**

**Reason for Revision:**

Prerequisite change allowing for some elective courses to be used to meet core requirements

- 1) ED 258-Title change
- 2) ED 259-Title change
- 3) ED 290-Title change
- 4) ED 291-Title change
- 5) Add 259 as an or to ED 258
- 6) Add 291 as an or to ED 290

**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

**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"> <li>• Develop JavaScript extensions to web pages</li> <li>• Upload, test and deploy web pages containing JavaScript</li> </ul>

<b>Current Degree/Certificate Outcome</b>
<ul style="list-style-type: none"> <li>• Apply current education, motivation, human development, technology, and diversity research, theory, and practice to conduct and evaluate individual and small group instruction prescribed by the supervising teacher.</li> <li>• Perform non-instructional tasks necessary to provide clerical, media related, and supervisory support to the classroom teacher.</li> <li>• Use established behavior management programs and instructional routines to carry out the goals and objectives of the school.</li> <li>• Practice ethical and professional behaviors and attitudes necessary to the role of an educator; apply knowledge of legal, ethical, health, and safety considerations and procedures; demonstrate understanding of the roles of paraeducators as collaborative team members and communicate effectively with others in the educational setting.</li> <li>• Adapt learning activities and materials to accommodate the needs of diverse learners.</li> <li>• Demonstrate academic competencies required to work as a "highly qualified" paraeducator as defined by No Child Left Behind.</li> <li>• Demonstrate and apply knowledge of specific effective instructional practices and management techniques for students who are learning English or who have special needs.</li> <li>• Apply breadth of knowledge in educational theory and practice in addition to area of certificate emphasis.</li> <li>• Demonstrate breadth of knowledge across several disciplines in Humanities, Social Science, and Mathematics/Science.</li> <li>• Meet the following statewide certificate outcomes and apply that knowledge and skill in the educational setting:             <ul style="list-style-type: none"> <li>• 1. Demonstrate appropriate strategies and techniques to provide instructional support to students of diverse populations.</li> <li>• 2. Demonstrate attitudes and behaviors that are appropriate to meeting the needs of diverse populations.</li> <li>• 3. Apply best practices in classroom management to optimize the potential for student learning.</li> <li>• 4. Practice ethical and legal standards of conduct.</li> <li>• 5. Apply technology to support teaching, learning and communication.</li> </ul> </li> </ul>

**Does Revision involve changing Degree/Certificate Outcomes?**

No       Yes

If Yes, list proposed outcomes:

<b>Proposed Degree/Certificate Outcome</b>
•

**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 side-by-side chart of revisions	

**Proposed**

Course Number	Course Title	Credit
	see attached side-by-side chart of revisions	

**Total Number of Credits in Degree/Certificate:**

Current Credits: 90

Proposed Credits: 90

**Contact Information:**

Submitted by: Gabe Hunter-Bernstein

Contact e-mail: [ghunterb@pcc.edu](mailto:ghunterb@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](mailto: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.

**AAS: Paraeducator Revisions**(Courses in **Bold** have been submitted for revision)

Current Core Course Requirements			Proposed Core Course Requirements		
Course #	Course Title	Credits	New #	Course Title	Credits
ED 100	Intro. to Education	3	ED 100	Intro to Education	3
ED 131	Applied Learning Theory	3	ED 131	Applied Learning Theory	3
ED 251	Overview of Exceptional Learners	3	ED 251	Overview of Exceptional Learners	3
ED 258	Multicultural Education I	3	ED 258 or 259	<b>Multicultural Education:Principles or Multicultural Education: Applications</b>	3
ED 102	Displays and Graphics	3	ED 102	Displays and Graphics	3
ED 136	Computers in Education I	3	ED 136	Computers in Education I	3
ED 123	Instructional Strategies: Reading	3	ED 123	Instructional Strategies: Reading	3
ED 124	Instructional Strategies: Math/Science*	3	ED 124	Instructional Strategies: Math/Science*	3
ED 290	<b>Strategies for Teaching ELL-I</b>	3	ED 290 or 291	<b>Strategies for Teaching ELL:I</b>	3
ED 224	Foundations of Education	3	ED 224	Foundations of Education	3
ED 270	Practicum	3	ED 270	Practicum	3
ED 271	Practicum	3	ED 271	Practicum	3
ED 263	Portfolio Development	2	ED 263	Portfolio Development	2
PSY 215	Human Development	4	PSY 215	Human Development	4
Core Course Credits		42	Core Course Credits		42

English Language Learner Emphasis

ED 217	Classroom Management	3	ED 217	Classroom Management	3
ED 259	Multicultural Education II	3	ED 258 or 259	<b>Multicultural Education:Principles or Multicultural Education: Applications</b>	3
Ed 291	<b>Strategies for Teaching ELL-II</b>	3	ED 290 or 291	<b>Strategies for Teaching ELL:I</b>	3
Certificate Credits		51	Certificate Credits		51

or

Special Education Emphasis

ED 252	Behavior Management	3	ED 252	Behavior Management	3
ED 268	Intro. To Dev. Dis.	3	ED 268	Intro. To Dev. Dis.	3
ED 269	Intro. To Teaching LD	3	ED 269	Intro. To Teaching LD	3
Certificate Credits		51	Certificate Credits		51

\* May substitute MTH 211 for ED 124

**Additional degree requirements:**

- Six additional credits from **any** other courses with an ED prefix
- WR 121, MTH 63 or 65
- Eight credits in Humanities (Recommended: World Language)
- Eight credits in Social Science (Recommended PSY 101)
- Eight credits in Math/Science (Recommended MTH 211, 212 with prereq of MTH 95)
- Additional courses to bring total credits to 90. (This is ordinarily needed only if WR 121 and MTH 63/65 are met through test out option.

AAS Degree Total Credits..... 90

**PORTLAND COMMUNITY COLLEGE**

**New Associate of Applied Science (AAS) Degree or Certificate Request Form**

**Proposed Degree/Certificate Title:** EET: Renewable Energy Systems Certificate Career Pathway

**Reason for New Degree/Certificate:** This is a new certificate designed to accommodate the fast growing renewable energy field.

**Requested Implementation Term:** Fall 2009

**Has Degree/Certificate been validated by the Advisory Committee?**

Yes       No      If No, explain

**Proposed Degree/Certificate addresses the following Core PCC Outcomes:**

*(check all that apply)*

- Communication
- Community and Environmental Responsibility
- Critical Thinking and Problem Solving
- Cultural Awareness
- Professional Competence
- Self-Reflection

**List Degree/Certificate Outcomes:**

<b>Sample Outcomes</b>
<ul style="list-style-type: none"> <li>• Demonstrate an ability to analyze one’s own subjective experience, interpersonal relationships, and the social-cultural context.</li> <li>• Upload, test and deploy web pages containing JavaScript</li> </ul>

<b>New Degree/Certificate Outcomes</b>
<ul style="list-style-type: none"> <li>• Upon completion of the Renewable Energy option, graduates will have a good understanding of the basic principles of design/manufacturing/operation of renewable energy technology and apply those principles to a wide variety of renewable energy systems.</li> </ul>

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

**List Degree/Certificate Coursework:**

<b>Course Number</b>	<b>Sample Course Title</b>	<b>Credit</b>
CAS 110	Intro to Web Graphic-Fireworks	1
CAS 175	Introduction to Flash	3
<b>Total Credits</b>		<b>4</b>

Course Number	Course Title	Credit
	See attached paperwork	
<b>Total Credits</b>		42

**For New Certificate's of 45 credits or more:** Fill out Template for Related Instruction (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>).

**Impact on Other Areas of Instruction:**

Have you talked to other area SACs?

No       Yes      If Yes, explain how

**Contact Information:**

Submitted by:      Sanda Williams

Contact e-mail:      Sanda.williams@pcc.edu

**Next Steps:**

1. a. Save completed New AAS Degree/Certificate Request Form and Submit as an email attachment to [curriculum@pcc.edu](mailto: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 New AAS Degree/Certificate Signature Page Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) and get the appropriate signatures.
3. Staple signed New AAS Degree/Certificate Signature Page Form to a hard copy of New AAS Degree/Certificate 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.



<b>Renewable Energy Certificate</b>		
EET 111	Electric Circuit Analysis I	5
EET 121	Digital Systems I	3
MTH111C	College Algebra	5
EET 112	Electric Circuit Analysis II	5
EET 122	Digital Systems II	3
MTH 112	Elementary Functions	5
EET 188	Industrial Safety	1
EET 113	Electrical Power	5
EET 110	Introduction to Sustainability/Renewable Energy	3
	RES Electives	3
	General Education: Social Science	4
	Total	42

**PORTLAND COMMUNITY COLLEGE****Associate of Applied Science/Certificate  
Revision Request Form****Current Degree/Certificate Title:** EET: Renewable Energy Systems**Proposed Degree/Certificate Title:****Reason for Revision:**

To better assist the industry.

- 1) Add CS 133U (4cr)
- 2) Add EET 255 (4cr)
- 3) ELT 125 (2cr)
- 4) Add ELT 126 (2cr)
- 5) Add ELT 225 (2cr)
- 6) Reduce RES Electives from 4cr to 3cr
- 7) Reduce EET 256 or EET 280A Capstone Project from 5cr to 2cr
- 8) Increase EET 242 from 2cr to 4cr

**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
	Placement in WR 115 and MTH 95	

**Does Revision involve changing Degree/Certificate Prerequisites?**
 No       Yes

If Yes, please list proposed prerequisites:

**Proposed**

Course Number	Course Title	Credit
	Placement in WR 121 and MTH 95	

**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"> <li>• Develop JavaScript extensions to web pages</li> <li>• Upload, test and deploy web pages containing JavaScript</li> </ul>

<b>Current Degree/Certificate Outcome</b>
<ul style="list-style-type: none"> <li>• This new option, being an EET option will align with the EET outcomes but in the specific field. Therefore:</li> <li>•</li> <li>• Upon completion of the Renewable Energy option, graduates will have a good understanding of the basic principles of design/manufacturing/operation of renewable energy engineering technology and apply those principles to a wide variety of renewable systems.</li> </ul>

**Does Revision involve changing Degree/Certificate Outcomes?**

No       Yes

If Yes, list proposed outcomes:

<b>Proposed Degree/Certificate Outcome</b>
<ul style="list-style-type: none"> <li>• This new option, being an EET option will align with the EET outcomes but in the specific field. Therefore:</li> <li>• Upon completion of the Renewable Energy option, graduates will have a good understanding of the basic principles of design/manufacturing/operation of renewable energy engineering technology and apply those principles to a wide variety of renewable systems.</li> </ul>

**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**

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

**Current**

<b>Course Number</b>	<b>Course Title</b>	<b>Credit</b>
EET 111	Electric Circuit Analysis I	5
EET 121	Digital Systems I	3
MTH111C	College Algebra	5
WR 121	English Composition	4
EET 112	Electric Circuit Analysis II	5
EET 122	Digital Systems II	3

MTH 112	Elementary Functions	5
EET 188	Industrial Safety	1
	Gen Ed: Social Science	4
EET 113	Electrical Power	5
EET 123	Digital Systems III	5
EET 178	PC Architecture for Tech	4
PHY 201	General Physics	4
EET 221	Semiconductor Devices	5
EET 241	Microcomputer Systems	4
PHY 202	General Physics	4
CMET 213	Fluid Mechanics	3
EET 222	Op-Amp Circuits	5
EET 254	Seminar	1
EET 270	Motors/Generators and Control Systems	3
	Gen Ed: Arts and Letters	4
	Technical Related RES Electives	4
	RES Electives	6-9
EET 223	RF Communication	5
EET 256/ 280A	Capstone Project/CE: Electronic Engineering Tech	2
EET 242	Microcontrollers/ Robotics Systems	4

### Proposed

Course Number	Course Title	Credit
EET 111	Electric Circuit Analysis I	5
EET 121	Digital Systems I	3
MTH111C	College Algebra	5
CS 133U	Introduction to C	4
EET 112	Electric Circuit Analysis II	5
EET 122	Digital Systems II	3
MTH 112	Elementary Functions	5
EET 188	Industrial Safety	1
	Gen Ed: Social Science	4
EET 113	Electrical Power	5
EET 123	Digital Systems III	5
EET 110	Introduction to Sustainability/Renewable Energy	3
EET 178	PC Architecture for Tech	4
PHY 201	General Physics	4
EET 221	Semiconductor Devices	5
EET 241	Microcomputer Systems	4
PHY 202	General Physics	4
CMET 213	Fluid Mechanics	3
EET 222	Op-Amp Circuits	5
EET 254	Seminar	1
EET 255	Industrial Control Systems	4
	Gen Ed: Arts and Letters	4
ELT 125	Basic PLC	2
ELT 126	Intermediate PLC	2
ELT 225	Advanced PLC	2
	RES Electives	3
EET 223	RF Communication	5
EET 256/ 280A	Capstone Project/CE: Electronic Engineering Tech	2
EET 242	Microcontroller Systems	4
	Approved RES Electives: MT 101/102/104; EET 269-Wind Power; RET 122 Wind	

	Mechanical Systems	
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**Total Number of Credits in Degree/Certificate:**

Current Credits: 103-106

Proposed Credits: 106

**Contact Information:**

Submitted by: sanda williams

Contact e-mail: sanda.williams@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](mailto: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.

<b>EET: Renewable Energy Systems Current</b>				<b>EET: Renewable Energy Systems Proposed</b>		
EET 111	Electric Circuit Analysis I	5	EET 111	Electric Circuit Analysis I	5	
EET 121	Digital Systems I	3	EET 121	Digital Systems I	3	
MTH111C	College Algebra	5	MTH111C	College Algebra *	5	
WR 121	English Composition	4	<b>CS 133U</b>	<b>Introduction to C (ADD)</b>	<b>4</b>	
EET 112	Electric Circuit Analysis II	5	EET 112	Electric Circuit Analysis II	5	
EET 122	Digital Systems II	3	EET 122	Digital Systems II	3	
MTH 112	Elementary Functions	5	MTH 112	Elementary Functions*	5	
EET 188	Industrial Safety	1	EET 188	Industrial Safety	1	
EET 113	Electrical Power	5		Gen Ed: Social Science	4	
Gen Ed: Social Science		5	EET 113	Electrical Power	5	
EET 123	Digital Systems III	5	EET 123	Digital Systems III	5	
EET 178	PC Architecture for Tech	4	EET 110	Intro to Sustainability/Renewable Energy	3	
PHY 201	General Physics	4	EET 178	PC Architecture for Tech	4	
EET 221	Semiconductor Devices	5	PHY 201	General Physics*	4	
EET 241	Microcomputer Systems	4	EET 221	Semiconductor Devices	5	
PHY 202	General Physics	4	EET 241	Microcomputer Systems	4	
CMET 213	Fluid Mechanics	3	PHY 202	General Physics *	4	
EET 222	Op-Amp Circuits	5	CMET 213	Fluid Mechanics	3	
EET 254	Seminar	1	EET 222	Op-Amp Circuits	5	
EET 270	Motors/Generators and Control Systems	3	EET 254	Seminar	1	
	Gen Ed: Arts and Letters	4	<b>EET 255</b>	<b>Industrial Control Systems (ADD)</b>	<b>4</b>	
	<b>RES Electives</b>	<b>4</b>		General Educations Arts and Letters	4	
EET 223	RF Communication	6to9	<b>ELT 125</b>	<b>Basic PLC (ADD)</b>	<b>2</b>	
EET 256/ 280A	Capstone Project/CE: EET	5	<b>ELT 126</b>	<b>Intermediate PLC (ADD)</b>	<b>2</b>	
EET 242	Microcontrollers/ Robotics Systems	2	<b>ELT 225</b>	<b>Advanced PLC (ADD)</b>	<b>2</b>	
		<b>103</b>		<b>RES Electives (Decrease)</b>	<b>3</b>	

EET 223	RF Communication	5
EET 256/ 280A	Capstone Project/CE: EET <b>(Decrease)</b>	2
EET 242	Microcontroller Systems <b>(Increase)</b>	4
	<b>Total</b>	<b>106</b>

\* May be used towards Gen Ed in Science and Math

**PORTLAND COMMUNITY COLLEGE**

**Associate of Applied Science/Certificate  
Revision Request Form**

**Current Degree/Certificate Title:** EET: Wireless and Data Communication Engineering Technology

**Proposed Degree/Certificate Title:**

**Reason for Revision:**

Align EET options.

1) Remove EET 255 as it is no longer part of the degree.

**Request Implementation Term:** spring 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
	Placement in MTH 95 and WR 115	

**Does Revision involve changing Degree/Certificate Prerequisites?**

No       Yes

If Yes, please list proposed prerequisites:

**Proposed**

Course Number	Course Title	Credit
	Placement in MTH 95 and WR 115	

**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"> <li>Develop JavaScript extensions to web pages</li> <li>Upload, test and deploy web pages containing JavaScript</li> </ul>

Current Degree/Certificate Outcome
<ul style="list-style-type: none"> <li>Upon completion of this EET option graduates should be able to work in the wireless and data communication industry (ex. radio frequency, cellular, fiber-optics, satellite, commercial broadcast, data networking, and others). They install, repair and maintain a large variety of communication equipment.</li> </ul>



**Does Revision involve changing Degree/Certificate Outcomes?**
 No       Yes

If Yes, list proposed outcomes:

<b>Proposed Degree/Certificate Outcome</b>
<ul style="list-style-type: none"> <li>Upon completion of this EET option graduates should be able to work in the wireless and data communication industry (ex. radio frequency, cellular, fiber-optics, satellite, commercial broadcast, data networking, and others). They work in the manufacturing, installation, repair and maintenance of a large variety of communication equipment.</li> </ul>

**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**

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

**Current**

<b>Course Number</b>	<b>Course Title</b>	<b>Credit</b>
EET 111	Electric Circuit Analysis I	5
EET 121	Digital Systems I	3
MTH 111C	College Algebra	5
WR 121	English Composition	4
EET 112	Electric Circuit Analysis II	5
EET 122	Digital Systems II	3
EET 188	Industrial Safety	1
MTH 112	Elementary Functions	5
	Gen Ed–Arts and Humanities	4
EET 113	Electric Circuit Analysis III	5
EET 123	Digital Systems III	5
EET 178	PC Architecture for Tech	4
CS 133U	Intro to C	4
EET 221	Semiconductor Devices	5
EET 241	Microcomputer Systems	4
MTH 243	Statistics	4

	Gen Ed-Social Science	4
EET 222	Op-Amp Circuits	5
EET 242	Microcontroller Systems	4
CIS 188	Wireless	4
EET 254	Seminar	1
CIS 179	Data Communication I	4
EET 223	RF Communications Circuits	5
EET 255	Industrial Control Systems	4
EET 256	Project Lab	2
CIS 189	Wireless Security	4
CIS 278	Data Communication II	4

### Proposed

Course Number	Course Title	Credit
EET 111	Electric Circuit Analysis I	5
EET 121	Digital Systems I	3
MTH 111C	College Algebra	5
WR 121	English Composition	4
EET 112	Electric Circuit Analysis II	5
EET 122	Digital Systems II	3
EET 188	Industrial Safety	1
MTH 112	Elementary Functions	5
	Gen Ed–Arts and Humanities	4
EET 113	Electric Circuit Analysis III	5
EET 123	Digital Systems III	5
EET 178	PC Architecture for Tech	4
CS 133U	Intro to C	4
EET 221	Semiconductor Devices	5
EET 241	Microcomputer Systems	4
MTH 243	Statistics	4
	Gen Ed-Social Science	4
EET 222	Op-Amp Circuits	5
EET 242	Microcontroller Systems	4
CIS 188	Wireless	4
EET 254	Seminar	1
CIS 179	Data Communication I	4
EET 223	RF Communications Circuits	5
EET 256	Project Lab	2
CIS 189	Wireless Security	4
CIS 278	Data Communication II	4

### Total Number of Credits in Degree/Certificate:

Current Credits: 107

Proposed Credits: 103

### Contact Information:

Submitted by: sanda williams

Contact e-mail: sanda.williams@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](mailto: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.

Wireless and Data Communications Eng Tech AAS		
EET 111	Electric Circuit Analysis I	5
EET 121	Digital Systems I	3
MTH 111C	College Math	5
WR 121	English Composition	4
EET 112	Electric Circuit Analysis II	5
EET 122	Digital Systems II	3
EET 188	Industrial Safety	1
MTH 112	Elementary Functions	5
Arts and Letters Electives		4
EET 113	Electric Circuit Analysis III	5
EET 123	Digital Systems III	5
EET 178	PC Architecture for Tech	4
CS 133U	Introduction to C 1	4
EET 221	Semiconductor Devices And Circuits	5
EET 241	Microcomputer Systems	4
MTH 243	Statistics 2	4
Social Science Electives		4
EET 222	Op-Amp Circuits	5
EET 242	Microcontroller Systems	4
CIS 188	Introduction to Wireless Network	4
EET 254	Seminar	1
CIS 179	Data Comm Concepts I	4
EET 223	RF Communications Circuits	5
EET 255	Industrial Control Systems	4
EET 256	Project Lab	2
CIS 189	Wireless Security	4
CIS 278	Data Comm Concepts II	4
<b>Total</b>		<b>107</b>

Wireless and Data Communications Eng Tech AAS		
EET 111	Electric Circuit Analysis I	5
EET 121	Digital Systems I	3
MTH 111C	College Math	5
WR 121	English Composition	4
EET 112	Electric Circuit Analysis II	5
EET 122	Digital Systems II	3
EET 188	Industrial Safety	1
MTH 112	Elementary Functions	5
Arts and Letters Electives		4
EET 113	Electric Circuit Analysis III	5
EET 123	Digital Systems III	5
EET 178	PC Architecture for Tech	4
CS 133U	Introduction to C 1	4
EET 221	Semiconductor Devices And Circuits	5
EET 241	Microcomputer Systems	4
MTH 243	Statistics 2	4
Social Science Electives		4
EET 222	Op-Amp Circuits	5
EET 242	Microcontroller Systems	4
CIS 188	Introduction to Wireless Network	4
EET 254	Seminar	1
CIS 179	Data Comm Concepts I	4
EET 223	RF Communications Circuits	5
<b>EET 255</b>	<b>Industrial Control Systems (Remove)</b>	
EET 256	Project Lab	2
CIS 189	Wireless Security	4
CIS 278	Data Comm Concepts II	4
<b>Total</b>		<b>103</b>

## PORTLAND COMMUNITY COLLEGE

### Associate of Applied Science/Certificate Revision Request Form

**Current Degree/Certificate Title:** Professional Music

**Proposed Degree/Certificate Title:** Professional Music

**Reason for Revision:** To bring the certificate more in line with the needs of the students and the industry

- 1) Removing WR 115 from the coursework
- 2) Reducing Co-Op Education from 3 to 1cr
- 3) Reducing the Electives from 8cr to 6cr

**Request Implementation Term:** Fall 09

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"> <li>• Develop JavaScript extensions to web pages</li> <li>• Upload, test and deploy web pages containing JavaScript</li> </ul>

Current Degree/Certificate Outcome
<ul style="list-style-type: none"> <li>• Compose harmonically sophisticated music via the 12-tone scale in a variety of commercial and esoteric styles.</li> <li>• Develop suitable accompaniment of chord patterns to melodies.</li> <li>• Perform short musical ideas or songs on rhythm section instruments.</li> <li>• Conceptualize and develop a viable career path in composition/arranging, performance, private instruction, and/or recording/production.</li> </ul>

- Develop a marketing strategy to attract client/projects, secure performances opportunities, or any of a variety of ancillary services or activities.
- Conduct financial aspects of entrepreneurial or for hire including taxes and financial planning.
- Work effectively in solo activities or in collaborative groups on musical performance projects or services.

**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 paperwork.	

**Proposed**

Course Number	Course Title	Credit
	See attached paperwork.	

**Total Number of Credits in Degree/Certificate:**

Current Credits: 50

Proposed Credits: 43

**Contact Information:**

Submitted by: Allen Jones

Contact e-mail: [ajones@pcc.edu](mailto:ajones@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](mailto: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.

Professional Music 50cr Current			Professional Music 43cr Proposed		
MUC 101	Commercial Music Theory I	3 cr.	MUC 101	Commercial Music Theory I	3 cr.
MUC 102	Commercial Music Theory II	3 cr.	MUC 102	Commercial Music Theory II	3 cr.
MUC 103	Commercial Music Theory III	3 cr.	MUC 103	Commercial Music Theory III	3 cr.
MUC 120A	Sight Singing/Ear Training I	1 cr.	MUC 120A	Sight Singing/Ear Training I	1 cr.
MUC 120B	Sight Singing/Ear Training II	1 cr.	MUC 120B	Sight Singing/Ear Training II	1 cr.
MUC 120C	Sight Singing/Ear Training III	1 cr.	MUC 120C	Sight Singing/Ear Training III	1 cr.
MUC 130A	Rhythm Training I	1 cr.	MUC 130A	Rhythm Training I	1 cr.
MUC 130B	Rhythm Training II	1 cr.	MUC 130B	Rhythm Training II	1 cr.
MUC 130C	Rhythm Training III	1 cr.	MUC 130C	Rhythm Training III	1 cr.
MUC 140A	Group Piano I	2 cr.	MUC 140A	Group Piano I	2 cr.
MUC 143	Group Percussion	2 cr.	MUC 143	Group Percussion	2 cr.
MUC 145A	Group Guitar/Bass I	2 cr.	MUC 145A	Group Guitar/Bass I	2 cr.
MUC 150A	Keyboard Harmony I	1 cr.	MUC 150A	Keyboard Harmony I	1 cr.
MUC 150B	Keyboard Harmony II	1 cr.	MUC 150B	Keyboard Harmony II	1 cr.
MUC 150C	Keyboard Harmony III	1 cr.	MUC 150C	Keyboard Harmony III	1 cr.
MUC 164	Survey of the Music Industry	1 cr.	MUC 164	Survey of the Music Industry	1 cr.
MUC 165	Business for the Musician	1 cr.	MUC 165	Business for the Musician	1 cr.
MUC 234	Income Tax Preparation for the Musician	1 cr.	MUC 234	Income Tax Preparation for the Musician	1 cr.
MUS 205	Intro to Jazz History	3 cr.	MUS 205	Intro to Jazz History	3 cr.
MUS 206	Intro to History of Rock Music	3 cr.	MUS 206	Intro to History of Rock Music	3 cr.
MUS 207	Intro to History of Folk Music	3 cr.	MUS 207	Intro to History of Folk Music	3cr.
MUC 280A	Cooperative Education: Vocational Music	3 cr.	MUC 280A	Cooperative Education: Vocational Music <b>(Decrease)</b>	<b>1cr.</b>
WR 115	Intro to Expository Writing	4 cr.	WR 115	Intro to Expository Writing <b>(Remove)</b>	
	Electives	8cr		Electives (Decrease)	6cr.
	<b>Total</b>	<b>50</b>		<b>Total</b>	<b>43</b>



**PORTLAND COMMUNITY COLLEGE**

**Associate of Applied Science/Certificate  
Revision Request Form**

**Current Degree/Certificate Title:** BCT Construction Management

**Proposed Degree/Certificate Title:** Same

**Reason for Revision:**

As suggested by the BCT advisory committee, we are proposing adding two auto cad courses and a job finding skills course to better prepare our management students in qualifying for and securing jobs in construction management. Also:

- 1) Reduce BCT 280A from 6cr to 3cr
- 2) Remove 3cr of BCT electives
- 3) Add ARCH 126 (3cr)
- 4) Add ARCH 136 ((3cr)
- 5) Add CG 209 (1cr)

**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
	<p><b>PROGRAM REQUIREMENTS</b>                      College level reading and writing skills and basic math skills are required. Individual courses may have prerequisites which are included in the course description. A "C" grade or better is required in all coursework in this program option. Pass/No Pass grades are not accepted for design/build remodeling coursework. Students must complete the course work requirements outlined in the PCC catalog under Associate of Applied Science Degree in addition to 81 program credits.</p>	

**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"> <li>• Develop JavaScript extensions to web pages</li> <li>• Upload, test and deploy web pages containing JavaScript</li> </ul>

Current Degree/Certificate Outcome
<ul style="list-style-type: none"> <li>• Program Outcomes</li> <li>• As a student in the Building Construction Technology program, you will learn to:             <ul style="list-style-type: none"> <li>• Use efficient and safe construction skills and techniques on construction projects.</li> <li>• Demonstrate effective teamwork in community, and workplace.</li> <li>• Use computer technology to automate, organize, store and present information used in construction activities and career advancement.</li> <li>• Employ effective and appropriate communication skills when interacting with trade associates, design associates, vendors and customers.</li> <li>• Apply decision-making and problem-solving skills in community and workplace.</li> <li>• Practice ethical standards of business conduct and professional services.</li> <li>• Practice the efficient use of man made and natural resources.</li> </ul> </li> </ul>

**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
	Current	
	Construction Management Option 07-08	
	Associates of Applied Science Degree	
	Year 1	
	Fall CR	
	BCT 100 Overview of the Construction Industry 3	
	BCT 102 Residential Printreading 3	
	BCT 103 Residential Materials and Methods 3	
	BCT 104 Construction Math 3	
	12	
	Winter	
	BCT 134 Construction Scheduling 3	
	ARCH 110 Intro to Arch Drawing 2	
	BCT 202 Business Principles 3	
	ARCH 132 Residential Building Codes 2	
	Gen Ed 4	
	14	
	Spring	
	BCT 221 Construction Law 3	
	ARCH 133 Commercial Building Codes 2	
	BCT 133 Commercial Material and Methods 3	
	SP 215 Small Group Communication (Gen Ed.) 4	
	Approved BCT Elective 3	
	15	
	Year 2	
	Fall	
	BCT 150 Mechanical Electrical & Plumbing 3	
	WR 227 Technical Writing 4	
	BCT 213 Commercial Printreading 3	
	CAS 170 Beginning Excel 3	
	13	
	Winter	
	BCT 222 Engineering for Constructors 3	
	BCT 101 Construction Surveying 3	
	BCT 207 Construction Job Costing 3	
	BCT 204C Construction Estimating 3	
	General Education 4	
	16	
	Spring	
	BCT 130 Construction Safety 3	
	BCT 206 Sustainable Construction Practices 3	
	BCT 214 Advanced Estimating 3	
	BCT 225 Project Management 3	
	General Education 4	
	16	
	Summer	
	BCT 280 Cooperative Education 6	

BCT Courses	76	
General Education	16	
2-Year Degree	92	

**Proposed**

<b>Course Number</b>	<b>Course Title</b>	<b>Credit</b>
	Proposed	
	Construction Management Option 08-09	
	Associates of Applied Science Degree	
	Year 1	
	Fall	
	BCT 100 Overview of the Construction Industry	3
	BCT 102 Residential Printreading	3
	BCT 103 Residential Materials and Methods	3
	BCT 104 Construction Math	3
	Gen Ed 4	
	16	
	Winter	
	BCT 134 Construction Scheduling	3
	ARCH 110 Intro to Arch Drawing	2
	BCT 202 Business Principles	3
	ARCH 132 Residential Building Codes	2
	ARCH 126 Intro To AutoCAD	3
	13	
	Spring	
	BCT 221 Construction Law	3
	ARCH 133 Commercial Building Codes	2
	BCT 133 Commercial Material and Methods	3
	SP 215 Small Group Communication (Gen Ed.)	4
	ARCH 136 Intermediate AutoCAD	3
	15	
	Year 2	
	Fall	
	BCT 150 Mechanical Electrical & Plumbing	3
	WR 227 Technical Writing	4
	BCT 213 Commercial Printreading	3
	CAS 170 Beginning Excel	3
	CG 209 Job Finding Skills	1
	14	
	Winter	
	BCT 222 Engineering for Constructors	3
	BCT 101 Construction Surveying	3
	BCT 207 Construction Job Costing	3
	BCT 204C Construction Estimating	3
	General Education	4
	16	
	Spring	
	BCT 130 Construction Safety	3
	BCT 206 Sustainable Construction Practices	3
	BCT 214 Advanced Estimating	3
	BCT 225 Project Management	3
	General Education	4
	16	
	Summer	
	BCT 280A Cooperative Education	3

1 Credits for this class vary from 1 to 3 credits depending on the nature and duration of the internship. This class may be taken one or more times until the required number of credits is fulfilled or may be substituted by an approved BCT elective.
--

**Total Number of Credits in Degree/Certificate:**

Current Credits: 92

Proposed Credits: 93

**Contact Information:**

Submitted by: Robert Steele

Contact e-mail: rsteele@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](mailto: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.

<b>Catalog Worksheet-AAS/BCT: CONSTRUCTION MANAGEMENT 2008-2009</b>
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<b>PROGRAM REQUIRED COURSES: CURRENT</b>	
<b>FIRST TERM:</b>	
	CREDITS
BCT 100 OVERVIEW OF THE CONSTRUCTION INDUSTRY	3
BCT 102 RESIDENTIAL PRINTREADING	3
BCT 103 RESIDENTIAL MATERIALS AND METHODS	3
BCT 104 CONSTRUCTION MATHEMATICS	3
	<b>12</b>

<b>SECOND TERM:</b>	
	CREDITS
BCT 134 CONSTRUCTION SCHEDULING	3
BCT 202 BUSINESS PRINCIPLES FOR CONSTRUCTION	3
ARCH 132 RESIDENTIAL BUILDING CODES	2
ARCH 110 INTRO TO ARCHITECTURAL DRAWING	2
GENERAL EDUCATION	4
	<b>14</b>

<b>THIRD TERM:</b>	
	CREDITS
BCT 221 CONSTRUCTION LAW	3
ARCH 133 COMMERCIAL BUILDING CODES	2
BCT 133 COMMERCIAL MATERIALS AND METHODS	3
SP 215 SMALL GROUP COMMUNICATION	4
APPROVED BCT ELECTIVE	3
	<b>15</b>

<b>FOURTH TERM:</b>	
	CREDITS
BCT 150 MECHANICAL ELECTRICAL AND PLUMBING	3

<b>PROGRAM REQUIRED COURSES: PROPOSED</b>	
<b>FIRST TERM:</b>	
	CREDITS
BCT 100 OVERVIEW OF THE CONSTRUCTION INDUSTRY	3
BCT 102 RESIDENTIAL PRINTREADING	3
BCT 103 RESIDENTIAL MATERIALS AND METHODS	3
BCT 104 CONSTRUCTION MATHEMATICS	3
GENERAL EDUCATION	4
	<b>16</b>

<b>SECOND TERM:</b>	
	CREDITS
BCT 134 CONSTRUCTION SCHEDULING	3
BCT 202 BUSINESS PRINCIPLES FOR CONSTRUCTION	3
ARCH 132 RESIDENTIAL BUILDING CODES	2
ARCH 110 INTRO TO ARCHITECTURAL DRAWING	2
ARCH 126 INTRO TO AUTOCAD	3
	<b>13</b>

<b>THIRD TERM:</b>	
	CREDITS
BCT 221 CONSTRUCTION LAW	3
ARCH 133 COMMERCIAL BUILDING CODES	2
BCT 133 COMMERCIAL MATERIALS AND METHODS	3
SP 215 SMALL GROUP COMMUNICATION*	4
ARCH 136 INTRO TO AUTOCAD	3
	<b>15</b>

<b>FOURTH TERM:</b>	
	CREDITS
BCT 150 MECHANICAL ELECTRICAL AND PLUMBING	3
WR 227 TECHNICAL WRITING	3

BCT 213 COMMERCIAL PRINTREADING	3
WR 227 TECHNICAL WRITING	4
CAS 170 BEGINNING EXCEL	3
	<b>13</b>

<b>FIFTH TERM:</b>	
	<b>CREDITS</b>
BCT 207 CONSTRUCTION JOB COSTING	3
BCT 206 SUSTAINABLE CONSTRUCTION PRACTICES	3
BCT 101 CONSTRUCTION SURVEYING	3
BCT 204C CONSTRUCTION ESTIMATING	<b>3</b>
GENERAL EDUCATION	<b>4</b>
	<b>16</b>

<b>SIXTH TERM:</b>	
	<b>CREDITS</b>
BCT 222 ENGINEERING FOR CONSTRUCTORS	3
BCT 130 CONSTRUCTION SAFETY	3
BCT 214 ADVANCED ESTIMATING	3
BCT 225 CONSTRUCTION PROJECT MANAGEMENT	3
GENERAL EDUCATION	4
	<b>16</b>

<b>SUMMER TERM:</b>	
	<b>CREDITS</b>
<b>BCT 280 COOPERATIVE EDUCATION INTERNSHIP</b>	<b>6</b>
	<b>92</b>

BCT 213 COMMERCIAL PRINTREADING	4
CAS 170 BEGINNING EXCEL	3
CG 209 JOB FINDING SKILLS	1
	<b>14</b>

<b>FIFTH TERM:</b>	
	<b>CREDITS</b>
BCT 222 ENGINEERING FOR CONSTRUCTORS	3
BCT 101 CONSTRUCTION SURVEYING	3
BCT 207 CONSTRUCTION JOB COSTING	<b>3</b>
BCT 204C CONSTRUCTION ESTIMATING	<b>3</b>
GENERAL EDUCATION	<b>4</b>
	16

<b>SIXTH TERM:</b>	
	<b>CREDITS</b>
BCT 206 SUSTAINABLE CONSTRUCTION PRACTICES	3
BCT 130 CONSTRUCTION SAFETY	3
BCT 214 ADVANCED ESTIMATING	3
BCT 225 CONSTRUCTION PROJECT MANAGEMENT	4
GENERAL EDUCATION	<b>4</b>
	16

<b>SUMMER TERM:</b>	
	<b>CREDITS</b>
BCT 280A COOPERATIVE EDUCATION INTERNSHIP	<b>3</b>
	<b>3</b>
	<b>93</b>

## PORTLAND COMMUNITY COLLEGE

### Associate of Applied Science/Certificate Revision Request Form

**Current Degree/Certificate Title:** BCT: Design/Build Remodeling AAS

**Proposed Degree/Certificate Title:**

**Reason for Revision:**

Add and revise coursework as advised by BCT Advisory Committee to avoid course content overlap and better prepare Design/Build students for occupations in kitchen and bath design. Also:

- 1) Add ARCH 100 (3cr)
- 2) Increase BCT 129 from 3cr to 4cr
- 3) Removed ID 138 (3cr)
- 4) Increase degree total from 106 to 107 credits

**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
	College level reading and writing skills and basic math skills are required. Individual courses may have prerequisites which are included in the course description. A "C" grade of better is required in all coursework in this program option. Pass/No Pass grades are not accepted for design/build remodeling coursework. Students must complete the course work requirements outlined in the PCC catalog under Associate of Applied Science Degree in addition to 95 program credits.	

**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**

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

<b>Current Degree/Certificate Outcome</b>
<ul style="list-style-type: none"> <li>• Design/Build Remodeling Degree</li> <li>• Learning Outcomes</li> <li>•</li> <li>•</li> <li>• THEME: Foundational Construction Skills</li> <li>• Evaluate building systems, including structural and mechanical, and apply such knowledge to building design and construction requirements. Use efficient and safe construction skills and techniques on remodeling and/or new construction projects</li> <li>•</li> <li>• THEME: Building Systems</li> <li>• Identify and analyze technical and aesthetic project requirements, research industry specifications, and specify appropriate building and finish materials, equipment, and fixtures to meet client needs and building code requirements.</li> <li>•</li> <li>• THEME: Kitchen and Bath Design</li> <li>• Create kitchen and bath design solutions meeting client aesthetic and budgetary needs by using the National Kitchen and Bath Association guidelines and the elements &amp; principles of design including universal and accessible design criteria.</li> <li>•</li> <li>• THEME: Project Management</li> <li>• <ul style="list-style-type: none"> <li>• Prepare contract documents, using industry standards for written and graphic communication. Manage project schedule, subcontractors and suppliers. Practice ethical standards of business conduct and professional services.</li> </ul> </li> <li>•</li> <li>• THEME: Communication</li> <li>• <ul style="list-style-type: none"> <li>• Exhibit organizational and written/oral communication skills required to bring design/build projects from initial concept to competition.</li> </ul> </li> </ul>

**Does Revision involve changing Degree/Certificate Outcomes?**

No       Yes

If Yes, list proposed outcomes:

<b>Proposed Degree/Certificate Outcome</b>
•

**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
	08-09 DESIGN/BUILD DEGREE	
	Design Build Courses	
	Year 1	
	Fall CR	
	BCT 102 Residential Printreading 3	
	BCT 103 Residential Materials and Methods 3	
	BCT 104 Construction Math 3	
	BCT 106 Hand and Power Tool Safety 3	
	General Education 4	
	16	
	Winter	
	BCT 127 Concrete Construction 6	
	ARCH 132 Residential Building Codes 2	
	ID 131 Introduction to Interiors 3	
	ARCH 110 Intro to Arch Drawing 2	
	SP 215 Small Group Communication (Gen. Ed.) 4	
	17	
	Spring	
	BCT 120 Floor Framing 3	
	BCT 121 Wall Framing 3	
	BCT 122 Roof Framing I 3	
	BCT 123 Roof Framing II 3	
	ID 132 Planning Interiors 3	
	BCT 206 Sustainable Construction Practices 3	
	18	
	Year 2	
	Fall	
	BCT 129 Mechanical Systems for Kitchens a& Baths 3	
	BCT 128 Exterior Finish 6	
	BCT 229 Intro to Kitchens & Baths 2	
	BCT 202 Business Principles for Const. 3	
	General Education 4	
	18	
	Winter	
	BCT 203 Interior Finish 6	
	ID 138 Intro to Kitchen & Bath Planning 3	
	BCT 219 Professional Cabinetmaking 6	
	BA 238 Sales 3	
	General Education 4	

22	
Spring	
ID 238 Kitchen and Bath Planning II	3
ID 225 CAD For Kitchens and Baths	1
BCT 211 Remodeling	6
BCT 244 Kitchen & Bath Cabinet Installation	3
BCT 244 Cab Inst.	2
15	
Program Credits	87
2-Year Degree	106

**Proposed**

Course Number	Course Title	Credit
	09-10 DESIGN/BUILD DEGREE	
	Proposed Changes	
	Design Build Courses	
	Year 1	
	Fall CR	
	BCT 102 Residential Printreading	3
	BCT 103 Residential Materials and Methods	3
	BCT 104 Construction Math	3
	BCT 106 Hand and Power Tool Safety	3
	3	
	ARCH 100 Graphic Communications for Designers	
	3	
	15	
	Winter	
	BCT 127 Concrete Construction	6
	ARCH 110 Intro to Arch Drawing	2
	ARCH 132 Residential Building Codes	2
	ID 131 Introduction to Interiors	3
	SP 215 Small Group Communication (Gen. Ed.)	4
	17	
	Spring	
	BCT 120 Floor Framing	3
	BCT 121 Wall Framing	3
	BCT 122 Roof Framing I	3
	BCT 123 Roof Framing II	3
	ID 132 Planning Interiors	3
	Gen Ed.	4
	19	
	Year 2	
	Fall	
	BCT 129 Mechanical Systems for Kitchens & Baths	4
	BCT 128 Exterior Finish	6
	BCT 229 Intro to Kitchens & Baths	2
	BCT 202 Business Principles for Const.	3
	General Education	4
	19	
	Winter	
	BCT 203 Interior Finish	6
	BCT 219 Professional Cabinetmaking	6
	BCT 206 Sustainable Construction Practices	3
	General Education	4

	19	
Spring		
ID 238 Kitchen and Bath Planning II	3	
ID 225 CAD For Kitchens and Baths	1	
BCT 211 Remodeling	6	
BCT 204B Residential Estimating	3	
BCT 244 Kitchen & Bath Cabinet Installation	2	
BA 238 Sales	3	
	18	
Program Credits	95	
2-Year Degree	107	

**Total Number of Credits in Degree/Certificate:**

Current Credits: 106

Proposed Credits: 107

**Contact Information:**

Submitted by: Robert Steele

Contact e-mail: rsteele@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](mailto: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.

## PORTLAND COMMUNITY COLLEGE

### Associate of Applied Science/Certificate Revision Request Form

**Current Degree/Certificate Title:** AAS in Interior Design

**Proposed Degree/Certificate Title:** Same as above

**Reason for Revision:**

The current employment market for graduates of our Interior Design Program stipulates the knowledge of a 3-D modeling program. For this reason, we are requesting to add ARCH 127, as well as, WR 121 and MTH 65 to our list of required courses. We would also like to move ART 115 and Art 116 to the restricted electives list and remove BA 250 from our required list. At this time we would also like to establish a restricted electives list and require 6 credits of electives from the list.

- 1) Add ARCH 127 (3cr)
- 2) Add WR 121 (4cr)
- 3) Add MTH 65 (4cr)
- 4) Move ART 115 and ART 116 to the electives list (8cr)
- 5) Remove BA 250 from the required list.(3cr)
- 6) Add 6 credits of electives
- 7) Increase required remaining General Education electives to 9.

**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

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

No       Yes

If Yes, explain: The Addition of a 3-D modeling computer program would take place within the AAS in Interior Design degree.

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

**Sample**

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

<b>Current Degree/Certificate Outcome</b>
<ul style="list-style-type: none"> <li>• this is the current outcome regarding computer drafting (CAD) knowledge:  Outcomes for ARCH 126 and ID 125 (came course content/ cross listed)</li> </ul> <ul style="list-style-type: none"> <li>. The student shall develop knowledge and skills in the creation of AutoCAD drawing entities using introductory drawing features.</li> <li>. The student shall develop knowledge and skills in the alteration of AutoCAD drawing entities using introductory editing features.</li> <li>. The student shall develop knowledge and skills in saving, retrieving and plotting AutoCAD drawing files.</li> </ul>

**Does Revision involve changing Degree/Certificate Outcomes?**

No       Yes

If Yes, list proposed outcomes:

<b>Proposed Degree/Certificate Outcome</b>

**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**

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

**Current**

<b>Course Number</b>	<b>Course Title</b>	<b>Credit</b>
ART 116	Basic Design - Color	3
ART 115	Basic Design	3
BA 250	Small Business Management	3

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**Proposed**

Course Number	Course Title	Credit
ARCH 127	Intro to Google Sketch-up	3
WR 121	English Composition	4
MTH 65	Intermediate Algebra	4

**Total Number of Credits in Degree/Certificate:**

Current Credits: 95

Proposed Credits: 103

**Contact Information:**

Submitted by: Amanda Ferroggiaro, Chair, Interior Design

Contact e-mail: amanda.ferroggiaro1@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](mailto: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.

Interior Design AAS Degree			Interior Design AAS Degree		
Current			Proposed		
<b>Required Courses for the Degree</b>			<b>Required Courses for the Degree</b>		
ARCH 100	Graphic Communication for Designers	3	ARCH 100	Graphic Communication for Designers	3
ARCH 110	Introduction to Architectural Drawing	2	ARCH 110	Introduction to Architectural Drawing	2
ART 131	Introduction to Drawing	3	ART 131	Introduction to Drawing *	3
ID 131	Introduction to Interiors	3	ID 131	Introduction to Interiors	3
ID 132	Planning Interiors	3	ID 132	Planning Interiors	3
ID 120	Interior Products and Materials I	3	ID 120	Interior Products and Materials I	3
ID 121	Sustainable Materials for Residential Interiors	3	ID 121	Sustainable Materials for Residential Interiors	3
ID 122	History of Furniture-Ancient to 1800	3	ID 122	History of Furniture-Ancient to 1800	3
ID 123	History of Furniture-1800 to Present	3	ID 123	History of Furniture-1800 to Present	3
ARCH 124	Introduction to Building Systems	3	ARCH 124	Introduction to Building Systems	3
ID 133	Space Planning	3	ID 133	Space Planning	3
ID 135	Professional Practices for Designers	3	ID 135	Professional Practices for Designers	3
ID 230	Textiles for Interiors	3	ID 230	Textiles for Interiors	3
BA 238	Sales	3	BA 238	Sales	3
			ARCH 127	Intro to Google Sketchup	3
<b>Required Courses for the Degree</b>			<b>WR 121</b>	<b>English Composition</b>	<b>4</b>
Core classes plus Advanced Requirements			<b>MTH 65</b>	<b>College Algebra</b>	<b>4</b>
ID 125	Computer Drafting for Interior Designers	3		<b>Program Electives</b>	<b>6</b>
ID 138	Introduction to Kitchen and Bath Planning	3		<b>Total</b>	<b>58</b>
ARCH 200	Introduction to Architecture	4	<b>Required Courses for the Degree</b>		
ARCH 121	Structural Systems I	2	ID 125	Computer Drafting for Interior Designers	3
ARCH 132	Building Codes	2	ID 138	Introduction to Kitchen and Bath Planning	3
ART 215	History of American Residential Architecture	3	ARCH 200	Introduction to Architecture	4
ARCH 101	Architecture Graphics I	3	ARCH 121	Structural Systems I	2
ARCH 111	Working Drawings I	3	ARCH 132	Building Codes	2
ID 234	Advanced Interiors	3	ART 215	History of American Residential Architecture	3
ID 236	Lighting Design	3	ARCH 101	Architecture Graphics I	3
ID 240	Interior Design Internship	3	ARCH 111	Working Drawings I	3
SP 130	Business & Professional Speech Communication		ID 234	Advanced Interiors	3
	or		ID 236	Lighting Design	3
SP 111	Fundamentals of Speech	4	ID 240	Interior Design Internship	3
BA 250	Small Business Management	3	SP 130	Business & Professional Speech Communication *	4



ART 115	Basic Design	3		or	36
ART 116	Basic Design	3	SP 111	Fundamentals of Speech *	
General Education		8	<b>BA 250</b>	<b>Small Business Management (Remove)</b>	
	Total	95	<b>ART 115</b>	<b>Basic Design (Moved to Electives List)</b>	
			<b>ART 116</b>	<b>Basic Design (Moved to Electives List)</b>	
			<b>General Education</b>		<b>9</b>
				<b>Total</b>	<b>103</b>

<b>Electives List</b>	
ART 115 Basic Design	3
ART 116 Basic Design	3
BCT 244 Kitchen and Bath Cabinet Installation	2
ID 225 CAD for Kitchen and Bath Design	1
ID 238 Advanced Kitchend and Bath Planning	3
ID 280A Cooperative Experience/Kitchen and Bath	3

## PORTLAND COMMUNITY COLLEGE

### Associate of Applied Science/Certificate Revision Request Form

**Current Degree/Certificate Title:** Health Information Management

**Proposed Degree/Certificate Title:** same

**Reason for Revision:**

HIM program revisions are necessary to meet the changing environment in the Health Information Management profession as well as revised model curriculum objectives proposed by CAHIM, the Commission on Accreditation for Health Informatics and Information Management Education and the American Health Information Management Assn. Therefore the following changes are being requested: Existing courses HIM 110 and 283 are to be changed from 3 to 4 credit courses, with deletion of HIM 101 (2 cr) and BI 121 & 122. Replacing BI 121 & 122 will be newly created Anatomy & Physiology courses HIM 128 & 129, designed specifically for online HIM students. Due to deleting BI 121 & 122 the students will need to add an additional General Education course in the area of Science or Math.

- 1) HIM 110 increase from 3cr to 4cr
- 2) HIM 238 increase from 3cr to 4cr
- 3) Remove HIM 101 from the coursework
- 4) Remove BI 121 from the coursework
- 5) Remove BI 122 from the coursework
- 6) Add HIM 128 to the coursework
- 7) Add HIM 129 to the coursework
- 8) Add an additional 4 credits of General Education to the coursework.

**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
MP 111	Medical Terminology	4

**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"> <li>Develop JavaScript extensions to web pages</li> <li>Upload, test and deploy web pages containing JavaScript</li> </ul>

Current Degree/Certificate Outcome
<ul style="list-style-type: none"> <li>AAS: Health Information Management</li> <li>To provide graduates who will meet the entry-level competencies as defined by American Health Information Management Association and become gainfully employed in the health information management field.</li> </ul>

**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
HIM 101	Service Learning	2
HIM 110	Health InformationTechnology 1	3
HIM 120	Health Information Technology 2	1
HIM 182	Health Care Delivery Systems	3
BI 121	Intro to Anatomy and Physiology 1	4
WR 121	English Composition	4
HIM 105	Ancillary Information Analysis	3

HIM 107	Ancillary Information Analysis Lab	1
HIM 121	Legal & Ethical Aspects of Healthcare	3
BI 122	Intro to Anatomy and Physiology 2	4
General Ed	General Education	4
HIM 131	Medical Science	5
HIM 136	Medications	3
HIM 292	Health Information Directed Practice 1	1
SP 100	Introduction to Speech Communication	4
General Ed	General Education	4
HIM 141	Health Information Technology 2	3
HIM 275	Classification Systems 3	3
HIM 281	Data Management and Analysis 1	3
HIM 283	Health Information Systems	3
HIM 286	Data Management and Analysis 1 Lab	2
HIM 270	Classification Systems 1	4
HIM 272	Health Information Management	3
HIM 277	Health Information Management Lab	2
HIM 282	Data Management & Analysis 2	3
HIM 293	Health Information Directed Practice 2	1
HIM 271	Quality Improvement in Healthcare	3
HIM 273	Classification Systems 2	4
HIM 274	Quality Improvement in Healthcare Lab	1
HIM 276	Classification Systems Lab	2
HIM 285	Healthcare Financing and Compliance	3
HIM 290	Health Information Technology 3	3

### Proposed

Course Number	Course Title	Credit
HIM 110	Health Information Technology 1	4
HIM 120	Health Information Technology 2	1
HIM 182	Health Care Delivery Systems	3
HIM 128	Anatomy & Physiology for Health Information Management	4
WR 121	English Composition	4
HIM 105	Ancillary Information Analysis	3
HIM 107	Ancillary Information Analysis Lab	1
HIM 121	Legal & Ethical Aspects of Healthcare	3
HIM 129	Anatomy & Physiology for Health Information Management 2	4
Gen Ed	General Education	4
HIM 131	Medical Science	5
HIM 136	Medications	3
SP 100	Introduction to Speech Communication	4
Gen Ed	General Education	4
HIM 141	Health Information Technology 2	3
HIM 292	Health Information Directed Practice 1	1
HIM 275	Classification Systems 3	3
HIM 281	Data Management and Analysis 1	3
HIM 283	Health Information Systems	4
HIM 286	Data Management and Analysis 1 Lab	2
HIM 270	Classification Systems 1	4
HIM 271	Quality Improvement In Healthcare	3
HIM 274	Quality Improvement In Healthcare Lab	1
HIM 282	Data Management and Analysis 2	3
HIM 285	Healthcare Financing and Compliance	3
HIM 272	Health Information Management	3
HIM 273	Classification Systems 2	4
HIM 276	Classification Systems Lab	2
HIM 277	Health Information Management Lab	2

HIM 290	Health Information Technology 3	3
HIM 293	Health Information Directed Practice 2	1
Gen Ed	General Education	4

**Total Number of Credits in Degree/Certificate:**

Current Credits: 92

Proposed Credits: 96

**Contact Information:**

Submitted by: Ann Wenning

Contact e-mail: awenning@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](mailto:curriculum@pcc.edu).  
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Health Information Management AAS			Current	Health Information Management AAS			Propose
Course of Study				Course of Study			
<b>First Term</b>				<b>First Term</b>			
HIM 101	Service Learning		2	<b>HIM 101</b>	<b>Service Learning (Remove)</b>		
HIM 110	Health Information Technology I		3	<b>HIM 110</b>	<b>Health Information Technology I (Increase)</b>		<b>4</b>
HIM 120	Health Information Technology I Lab		1	HIM 120	Health Information Technology I Lab		1
HIM 182	Health Care Delivery Systems		3	HIM 182	Health Care Delivery Systems		3
BI 121	Introduction to Anatomy and Physiology I		4	<b>BI 121</b>	<b>Introto Anatomy and Physiology I (Remove)</b>		
WR 121	English Composition		4	<b>HIM 128</b>	<b>Anatomy&amp; Physiology for HIM</b>		<b>4</b>
<b>Second Term</b>				<b>Second Term</b>			<b>16</b>
HIM 105	Ancillary Information Analysis		3	HIM 105	Ancillary Information Analysis		3
HIM 107	Ancillary Information Analysis Lab		1	HIM 107	Ancillary Information Analysis Lab		1
HIM 121	Legal & Ethical Aspects of Healthcare		3	HIM 121	Legal & Ethical Aspects of Healthcare		3
BI 122	Introduction to Anatomy and Physiology II		4	<b>BI 122</b>	<b>Intro to Anatomy and Physiology II (Remove)</b>		
General Education			4	<b>HIM 129</b>	<b>Anatomy&amp; Physiology for HIM</b>		4
<b>Third Term</b>				General Education Social Science			4
HIM 131	Medical Science		5	<b>Third Term</b>			<b>15</b>
HIM 136	Medications		3	HIM 131	Medical Science		5
SP 100	Introduction to Speech Communication		4	HIM 136	Medications		3
General Education			4	SP 100	Introduction to Speech Communication*		4
<b>Fourth Term</b>				General Education Science and Math			4
HIM 141	Health Information Technology II		3	<b>Fourth Term</b>			<b>16</b>
HIM 275	Classification Systems III		3	HIM 141	Health Information Technology II		3
HIM 281	Data Management and Analysis I		3	HIM 275	Classification Systems III		3
HIM 286	Data Management and Analysis I Lab		2	HIM 281	Data Management and Analysis I		3
HIM 283	Health Information Systems		3	HIM 286	Data Management and Analysis I Lab		2
HIM 292	Health Information Directed Practice I		1	<b>HIM 283</b>	<b>Health Information Systems (Increase)</b>		<b>4</b>
<b>Fifth Term</b>				HIM 292	Health Information Directed Practice I		1
HIM 270	Classification Systems I		4	<b>Fifth Term</b>			<b>16</b>
HIM 285	Healthcare Financing/Compliance		3	HIM 270	Classification Systems I		4
HIM 271	Quality Improvement in Healthcare		3	HIM 285	Healthcare Financing/Compliance		3
				HIM 271	Quality Improvement in Healthcare		3

HIM 274	Quality Improvement in Healthcare Lab	1
HIM 282	Data Management & Analysis II	3
<b>Sixth Term</b>		
HIM 273	Classification Systems II	4
HIM 276	Classifications Systems Lab	2
HIM 290	Health Information Technology III	3
HIM 272	Health Information Management	3
HIM 277	Health Information Management Lab	2
HIM 293	Health Information Directed Practice II	1
	<b>Total</b>	<b>92</b>

HIM 274	Quality Improvement in Healthcare Lab	1
HIM 282	Data Management & Analysis II	3
	General Education Any	4
<b>Sixth Term</b>		<b>18</b>
HIM 273	Classification Systems II	4
HIM 276	Classifications Systems Lab	2
HIM 290	Health Information Technology III	3
HIM 272	Health Information Management	3
HIM 277	Health Information Management Lab	2
HIM 293	Health Information Directed Practice II	1
		<b>15</b>
	<b>Total</b>	<b>96</b>

\* Can be used to satisfy Arts & Letters General Education