

**Degrees and Certificates Meeting Agenda
October 1, 2008**

2:00 Overview and Minutes

New Business:

- 2:15 Consent Agenda Items-Steve Smith**
- 2:30 Revision - AAS Paralegal-Jerry Brask**
- 2:45 Revision- AAS Bioscience Technology-Kendra Cawley**
- 3:00 Revision-One Year Certificate Culinary Assistant-Lee Fan**
- 3:15 Revision- AAS Veterinary Technology-Brad Krohn**
- 3:30 Revision-Certificate Aviation Maintenance Tech-Powerplant-Marshall Pryor**
 - Revision-Certificate Aviation Maintenance Tech-Airframe-Marshall Pryor**
 - Revision-Two Year Certificate Aviation Maintenance Tech-Marshall Pryor**
 - Revision-AAS Aviation Maintenance Tech-Marshall Pryor**
- 4:00 Revision- AAS Gerontology-Jan Abushakrah**
 - Revision- One Year Certificate-Gerontology-Jan Abushakrah**
 - New-One Year Certificate-GRN:Therapeutic Horticulture-Jan Abushakrah**
 - New-One Year Certificate-GRN: Horticultural Therapy-Jan Abushakrah**
- 4:30 Degree Audit Items-Rebecca Mathern**
 - New Degree and Certificate Forms-Steve Smith**
 - Three to Four Credit Conversion Discussion-Steve Smith**

Consent Agenda:

Group One: Changed in State Web forms System and in the 2008-2009 Catalog

- **AVIATION SCIENCE: CLARIFICATION OF THE TWO DEGREES-** AVIATION SCIENCE: AIRPLANE AND AVIATION SCIENCE: HELICOPTER

Group Two: Changed in State Web forms System after the 2008-2009 Catalog Deadline

- **CAS/OS Administrative Assistant AAS-** Credits were increased by 4 because of the three to four credit conversion of both WR 121 and WR 122 (or higher) and also because of increasing the number of elective credits by two. This was necessary because the MTH 30 which is included in the CAS/OS Certificate cannot be counted in the first 90 credits of the degree.
- **CAS/OS Administrative Assistant: Office Management AAS-** Credits were increased by 4 because of the three to four credit conversion of both WR 121 and WR 122 (or higher) and also because of increasing the number of elective credits by two. This was necessary because the MTH 30 which is included in the CAS/OS Certificate cannot be counted in the first 90 credits of the degree.
- **CAS/OS Website Development and Design-** “And Design” was added onto the certificate title in order to bring it into state compliance.
- **CIS ONE YEAR CERTIFICATE-**Increased electives by three in order to make the total of 47 correct in the catalog.
- **CIS NETWORK ADMINISTRATION AAS-** CIS 284 Network Security and CIS 287M Microsoft Network Security were added into its electives in order to bring it into state compliance.

PORTLAND COMMUNITY COLLEGE

Associate of Applied Science/Certificate
Revision Request Form

Current Degree/Certificate Title: Associates of Applied Science-Paralegal
Proposed Degree/Certificate Title:

Reason for Revision:

Certifying national agency, the American Bar Association, has Gen Ed requirements the program must comply with. The revised, proposed policy is attached.

Request Implementation Term: Fall, 2008

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
Wr 121	English	

Does Revision involve changing Degree/Certificate Prerequisites?

☒ No ☐ Yes

If Yes, please list proposed prerequisites:

Proposed

Course Number	Course Title	Credit

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

☒ No ☐ Yes

If Yes, explain:

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

Sample

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

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

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

().

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

Proposed

Course Number	Course Title	Credit

Total Number of Credits in Degree/Certificate:

Current Credits: 90

Proposed Credits: 90

Contact Information:

Submitted by: Jerry Brask

Contact e-mail: gbrask@pcc.edu

Next Steps:

1. a. Save completed Associate of Applied Science/Certificate Revision Request Form and Submit as an email attachment to
b. If needed, attach Related Instruction Form
() to the same email.

2. Download and print Associate of Applied Science/Certificate Revision Signature Page Form () 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 Paralegal Department

General Education Policy for Associates Degree of Applied Science-Paralegal

Date: July 21, 2008

From: Jerry Brask

The PCC Paralegal Program is seeking American Bar Association approval for our program. The ABA has many requirements associated with this application, including General Education requirements. One requirement is that Associates Degrees must consist of 27 General Education credits. Another requirement is that certain types of General Education courses typically defined by Colleges as General Education do **not** count for ABA purposes. The following policies are changes to comply with ABA requirements.

I. Additional General Education Credits Required for AAS-PL

In addition to the 16 quarter credits of general education courses required at PCC for an AAS degree, the Paralegal department requires that 11 additional general education credits be taken as part of the **General Electives**. The 11 additional general education credits may be taken from any general education discipline.

II. General Education List:

From the approved General Education List for PCC, the following courses are **NOT** counted for general education purposes in the Paralegal Department:

ART: 115, 116, 117, 131, 141, 142, 143, 181, 231, 237, 253, 256, 270, 277, 279, 281, 284, 287, 291, 292, 293

ESOL: 150, 152, 154, 160, 162, 164, 166, 250, 252, 253, 254, 255, 260, 262, 264, 265

TA: 141, 142, 144, 148, 180C, 253C, 241, 242, 243, 261

CIS: 120, 121, 122, 160, 161, 162, 171, 172

PORTLAND COMMUNITY COLLEGE

Associate of Applied Science/Certificate Revision Request Form

Current Degree/Certificate Title: AAS Bioscience Technology

Proposed Degree/Certificate Title: Bioscience Technology: Technician

Reason for Revision:

Make clear that this is a closed program.

Request Implementation Term: Winter 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
	AAS: Placement into WR 121 and MTH 95 Certificate: Placement into RD and WR 115 and MTH 70	

Does Revision involve changing Degree/Certificate Prerequisites?

☐ No ☒ Yes

If Yes, please list proposed prerequisites:

Proposed

Course Number	Course Title	Credit
	Placement into RD and WR 115 and MTH 70 for the Certificate, placement into WR 121 and MTH 95 for the AAS. Placement may be demonstration by completion of the placement tests offered through Admissions, or by courses that appear on transcripts from an accredited college or university The program has a limited enrollment. Most of the courses are open only to students who have been officially accepted into the program. Admission is based on high school and college grades, a letter of recommendation, and an interview. Information, application materials and specific instructions (including application dates and deadlines) may be obtained by contacting the department.	

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

☒ No ☐ Yes

If Yes, explain:

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

Sample

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

Current Degree/Certificate Outcome
<ul style="list-style-type: none"> <p>For the AAS:</p> <p>Apply knowledge of safety principles, quality/regulatory issues, teamwork and good business practices to work in a bioscience laboratory or manufacturing environment.</p> <p>Carry out routine laboratory tasks and commonly used techniques with confidence, quality and appropriate documentation in a bioscience laboratory or manufacturing environment.</p> <p>Apply knowledge of measurement and assay principles and strategies, purification principles, and the scientific method to laboratory situations.</p> <p>Apply principles learned in courses to troubleshoot laboratory and manufacturing problems and devise and execute appropriate solutions.</p> <p>Plan and organize tasks to allow efficient completion of complex procedures, including planning and executing multiple procedures that proceed simultaneously. Coordinate with others to work as part of a team.</p> <p>Effectively, clearly and succinctly communicate the procedures, results and interpretations of laboratory activities to other staff in the bioscience workplace, using both informal and formal forms of scientific communication, including casual conference, the laboratory notebook, forms, memoranda, written reports and formal presentations.</p> <p>For the Certificate:</p> <p>Work in compliance with safety principles to protect self, co-workers, the work area and the product in a bioscience workplace</p> <p>Apply knowledge of quality/regulatory issues, teamwork and good business practices to work in a bioscience laboratory or manufacturing environment</p> <p>Carry out common laboratory measurements, calculations and documentation of work in a bioscience laboratory or manufacturing environment</p> <p>Effectively communicate the procedures, results and interpretations of laboratory and manufacturing activities to other staff in the bioscience workplace, using standard forms of scientific communication, including the laboratory notebook, forms, memoranda, and casual conference.</p> <p>Make informed decisions about career options, job readiness, and related education/training choices for the bioscience field.</p>

Does Revision involve changing Degree/Certificate Outcomes?

☒ No ☐ Yes

If Yes, list proposed outcomes:

Proposed Degree/Certificate Outcome
• no change

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

Proposed

Course Number	Course Title	Credit

Total Number of Credits in Degree/Certificate:

Current Credits:

Proposed Credits: no change

Contact Information:

Submitted by: Kendra Cawley

Contact e-mail: kcawley@pcc.edu

Next Steps:

1. a. Save completed Associate of Applied Science/Certificate Revision Request Form and Submit as an email attachment to curriculum@pcc.edu.
b. If needed, attach Related Instruction Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) to the same email.

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

AAS/BIOSCIENCE TECHNOLOGY 2008-2009

PROGRAM REQUIRED COURSES:		
BASIC SCIENCE AND GENERAL REQUIREMENTS		CREDITS
CAS 170 BEGINNING EXCEL		3
WR 121 ENGLISH COMPOSITION		4
MTH 95 INTERMEDIATE ALGEBRA		4
GENERAL EDUCATION		8
BI 112 CELL BIOLOGY FOR HEALTH OCCUPATIONS*		5
CH 104 FUNDAMENTALS OF CHEMISTRY*		5
TOTAL		25

* MAY SUBSTITUTE BI 211 FOR 112 AND CH 221 FOR 104

Another Nine Credits From The Following List:		CREDITS
BI 211,212,213,234		
CH 221,222,223,211		
PHY 201,202,203		
MTH 243		
TOTAL		9
BIOSCIENCE FOUNDATION COURSES-17 CREDITS		CREDITS
BIT 101 INTRO TO BIOSCIENCE TECHNOLOGY		4
BIT 105 SAFETY IN THE BIOCIENCE WORKPLACE		2
BIT 107 BIOSCIENCE LAB MATH		2
BIT 109 BASIC LAB TECHNIQUES AND INSTRUMENT		5
BIT 125 QUALITY SYSTEMS IN BIOSCIENCE		2
BIT 181 EXPLORING BIOSCIENCE		2
TOTAL		17
RESTRICTED ELECTIVES-30 CREDITS (20 MUST BE BIT)		CREDITS
BIT 201 IMMUNOCHEMICAL METHODS		5
BIT 203 RECOMBINANT DNA		5
BIT 205 BIOSEPARATIONS		5
BIT 207 CELL CULTURE		5
BIT 215 PROTEIN PURIFICATION		5
BIT 223 ADVANCED DNA TECHNIQUES		5
MT 111 ELECTRICAL CIRCUITS AND DEVICES I		4
MT 112 ELECTRICAL CIRCUITS AND DEVICES II		4
MT 113 ELECTRICAL CIRCUITS AND DEVICES III		4
MT 121 DIGITAL SYSTEMS I		3
MT 122 DIGITAL SYSTEMS II		3
MT 222 QUALITY CONTROL METHODS IN MANUFACTURING		3
WORK EXPERIENCE		
BIT 280A WORK EXPERIENCE (240 HOURS)		8
BIT 280B WORK EXPERIENCE SEMINAR		1
TOTAL		39
TOTAL REQUIRED CREDITS FOR THE DEGREE:		90
IS THIS TOTAL MET?		YES
WHAT IS NEEDED?	Math is req'd only as an exit requirement, not within the degree	

PORTLAND COMMUNITY COLLEGE

Associate of Applied Science/Certificate Revision Request Form

Current Degree/Certificate Title: Culinary Assistant

Proposed Degree/Certificate Title: Culinary Assistant

Reason for Revision:

This is a certificate for students with special needs who may have difficulty sitting in classes needed to satisfy related instruction. We are reducing one of the three courses (HR 109) by 1 credit in order to drop the credits needed for a certificate from 45 credits to 44 credits.

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
HR 107	Culinary Assistant Training	15
HR 108	Culinary Assistant Training	15
HR109	Culinary Assistant Training	15

Does Revision involve changing Degree/Certificate Prerequisites?

☒ No ☐ Yes

If Yes, please list proposed prerequisites:

Proposed

Course Number	Course Title	Credit
HR 107	Culinary Assistant Training	15
HR 108	Culinary Assistant Training	15
HR 109	Culinary Assistant Training	14

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

☒ No ☐ Yes

If Yes, explain:

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

Sample

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

Current Degree/Certificate Outcome
<ul style="list-style-type: none">Group 1: Each term student should be familiar with one or more of the following

job skills in one of the following five areas. Area A - food preparation: hot food, salad, bakery, sandwich, pizza, bento/oriental food, sushi, hot dog. Area B - food/customer serving: hot food, soup, pizza, oriental food, hot dog. Area C - storekeeping: restocking storeroom, deliver items to operation areas. Area D - food area maintenance: salad bar, condiment, counters areas, cups, napkins, etc. Area E - dishwashing.

- Group 2: In the first term student should learn and be aware of all the job-success/soft skills listed below and keep improving in the second and third terms: Functioning, coping and social skills at work (getting along with coworkers, respecting authority, observing boundary and personal space, and avoiding troubles or confrontation). Positive attitudes, impression (body language, tone of voice, and manners that reflect attitude). Good work ethics and habits (attendance, punctuality, initiative at work). Professionalism (appearance, courtesy, integrity, honesty, teamwork). Work-related communication (knowing the communication channels at work, understanding and following instructions, good listening, accepting order and constructive criticism, ask for help). Work place behavior management.
- Group 3: Students should know all the specific job-related knowledge listed after the first term except work-evaluation and money handling-making change, which will be taught in the second term and reviewed in the third term: Food safety and HACCP (Hazard Analysis Critical Control Points). Preparing and taking the Food Handler's Certificate Examination. Personal hygiene. Workplace and on-the-job safety (including lift techniques). Things to know when emergency situation occurs (fire, earthquake, equipment break-down, power outage, bad weather conditions). Self control and anger management. Disciplinary issues and consequences. Self and trainers' work-performance evaluation and feedback. Money handling and making change.
- Group 4: Job readiness issues will be introduced to the students in the second term and emphasized in the third term: Job search techniques. Job applications. Resume and cover letter writing. Job interviewing techniques.

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

Proposed

Course Number	Course Title	Credit

Total Number of Credits in Degree/Certificate:

Current Credits: 45

Proposed Credits: 44

Contact Information:

Submitted by: Lee Fan

Contact e-mail: lfan@pcc.edu

Next Steps:

- Save completed Associate of Applied Science/Certificate Revision Request Form and Submit as an email attachment to curriculum@pcc.edu.
 - If needed, attach Related Instruction Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) to the same email.
- Download and print Associate of Applied Science/Certificate Revision Signature Page Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) and get the appropriate signatures.
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CULINARY ASSISTANT TRAINING CERTIFICATE CURRENT		
Courses		
HR 107	Culinary Assistant Training	15
HR 108	Culinary Assistant Training	15
HR 109	Culinary Assistant Training	15
	Total	45 credits

CULINARY ASSISTANT TRAINING CERTIFICATE PROPOSED		
Courses		
HR 107	Culinary Assistant Training	15
HR 108	Culinary Assistant Training	15
HR 109	Culinary Assistant Training	14
	Total	44 CREDITS

PORTLAND COMMUNITY COLLEGE

Associate of Applied Science/Certificate Revision Request Form

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

Proposed Degree/Certificate Title: Associate of Applied Science in Veterinary Technology (same)

Reason for Revision:

We are changing the Veterinary Technology program's biology pre-requisite from the Biology 101 & 102 sequence to Biology 112. Biology 112 is a biology course designed specifically for students interested in entering the health professions and it more accurately prepares prospective Veterinary Technology students for success in the program's rigorous anatomy/physiology-based curriculum..

Request Implementation Term: Fall 2008

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
BI 101	Biology	4.0
BI 102	Biology	4.0
CH 100	Fundamentals of Chemistry	4.0
MTH 65	Introductory Algebra - 2 nd Term	4.0
WR 121	English Composition	4.0

Does Revision involve changing Degree/Certificate Prerequisites?

☐ No ☒ Yes

If Yes, please list proposed prerequisites:

Proposed

Course Number	Course Title	Credit
BI 112	Cell Biology for Health Occupations	5.0
CH 100	Fundamentals of Chemistry	4.0
MTH 65	Introductory Algebra - 2 nd Term	4.0
WR 121	English Composition	4.0

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

☒ No ☐ Yes

If Yes, explain:

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

Sample

Current Degree/Certificate Outcome

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

Current Degree/Certificate Outcome

- Graduates should be able to pass the National Veterinary Technician Board Examination.
- Graduates should be able to function as competent veterinary technicians in their chosen area of veterinary medicine, whether it is veterinary practice, research, laboratory, or industry. They should be able to think, calculate, and make the decisions allowed them by the Veterinary Practice Act of the state in which they are employed.
- Graduates should be able to work as effective members of the animal health care team in their chosen area of veterinary medicine. This involves the ability to communicate effectively (written and orally), work together with other individuals, and be reliable and responsible. They should recognize that the individuals they interact with on a daily basis, whether it is a co-worker, employer, or pet owner, has uniquely individual needs and behaviors based on their backgrounds and perspectives on life.
- Graduates should have an awareness of their responsibility as part of the animal health care industry in the prevention of disease in both humans and animals, as advocates for animals and their health, and in the education of the public on animal health care issues.
- Graduates should understand that they are life-long learners, and continuing education is fundamental to their ability to keep up with the advances in veterinary medicine and related technologies.

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
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CAS 110	Intro to Web Graphic-Fireworks	1
CAS 175	Introduction to Flash	3

Current

Course Number	Course Title	Credit
BI 101	Biology	4.0
BI 102	Biology	4.0

Proposed

Course Number	Course Title	Credit
BI 112	Cell Biology for Health Occupations	5.0

Total Number of Credits in Degree/Certificate:

Current Credits: 103

Proposed Credits: 104

Contact Information:

Submitted by: Dr. Brad Krohn D.V.M.

Contact e-mail: brad.krohn@pcc.edu

Next Steps:

- Save completed Associate of Applied Science/Certificate Revision Request Form and Submit as an email attachment to curriculum@pcc.edu.
 - If needed, attach Related Instruction Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) to the same email.
- Download and print Associate of Applied Science/Certificate Revision Signature Page Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) and get the appropriate signatures.
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Veterinary Technology AAS Degree Current		
Prerequisites and Requirements		
BI 101	Biology	4
BI 102	Biology	4
WR121	Writing Composition	4
Fall Term		
VT 100	Vet Med Terminology	2
VT 101	Intro to Vet Technology	2
VT 121	Basic Animal Science	4
VT 105	Comp Vet Anatomy and Physiology I	4
General Education		4
Winter Term		
VT 102	Animal Nursing and Restraint	3
VT 107	Veterinary Parasitology	3
VT 108	Pharmaceutical Mathematics I	1
VT 106	Comp Vet Anatomy and Physiology II	4
General Education		3
Spring Term		
VT 103	Animal Health Record Systems	3
VT 110	Specimen Collection Laboratory	1
VT 111	Hematology and Urinalysis	5
Summer Term		
VT 109	Radiation Safety	2
VT 112	Clinical Laboratory Procedures	5
VT 113	Veterinary Microbiology	3
VT 280A	CE: Vet Tech Clinic I	4
Fall Term		
VT 201	Anesthesiology	3
VT 204	Applied Radiography	3
VT 205	Veterinary Pharmacology	4
VT 211	Pharmaceutical Mathematics II	1
Winter Term		
VT 202	Surgical Nursing and Lab Animal Procedures	4
VT 207	Public Health and Sanitation	2
VT 208	Small Animal Diseases	4
VT 280B	CE: Vet Tech Clinic II	4
Spring Term		
VT 203	Veterinary Procedures Seminar	3
VT 209	Lg Animal Diseases and Procedures	3
VT 210	Animal Nutrition	3
VT 280C	CE: Vet Tech Clinic III	4
Total		103

Veterinary Technology AAS Degree Proposed		
Prerequisites and Requirements		
BI 112	Cell Biology for Health Occupations	5
CH 100	Fundamentals of Chemistry	4
WR 121	Writing Composition	4
Fall Term		
VT 100	Veterinary Medical Terminology	2
VT 101	Introduction to Veterinary Technology	2
VT 121	Basic Animal Science	4
VT 105	Comp Vet Anatomy and Physiology I	4
General Education Social Science		4
Winter Term		
VT 102	Animal Nursing and Restraint	3
VT 107	Veterinary Parasitology	3
VT 108	Pharmaceutical Mathematics I	1
VT 106	Comp Vet Anatomy and Physiology II	4
General Education Arts and Humanities		3
Spring Term		
VT 103	Animal Health Record Systems	3
VT 110	Specimen Collection Laboratory	1
VT 111	Hematology and Urinalysis	5
Summer Term		
VT 109	Radiation Safety	2
VT 112	Clinical Laboratory Procedures	5
VT 113	Veterinary Microbiology	3
VT 280A	CE: Vet Tech Clinic I	4
Fall Term		
VT 201	Anesthesiology	3
VT 204	Applied Radiography	3
VT 205	Veterinary Pharmacology	4
VT 211	Pharmaceutical Mathematics II	1
Winter Term		
VT 202	Surgical Nursing and Lab Animal Procedures	4
VT 207	Public Health and Sanitation	2
VT 208	Small Animal Diseases	4
VT 280B	CE: Vet Tech Clinic II	4
Spring Term		
VT 203	Veterinary Procedures Seminar	3
VT 209	Large Animal Diseases and Procedures	3
VT 210	Animal Nutrition	3
VT 280C	CE: Vet Tech Clinic III	4
Total		104

PORTLAND COMMUNITY COLLEGE

Associate of Applied Science/Certificate Revision Request Form

Current Degree/Certificate Title: One-Year Powerplant Certificate

Proposed Degree/Certificate Title: One-Year Powerplant Certificate

Reason for Revision:

Course revision only. Course work and credit hour totals remain the same.

Request Implementation Term: Fall 2008

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
	Math competency is met by: successful completion of PCC Math 60 or by successful completion (70% minimum) of the MT Department Math Competency Test. Department approval is required to take the department Math Competency Test and requires either: placement into higher than Math 60 or completion of higher than Math 60. This test may not be repeated within the same term.	

Does Revision involve changing Degree/Certificate Prerequisites?

☒ No ☐ Yes

If Yes, please list proposed prerequisites:

Proposed

Course Number	Course Title	Credit

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

☒ No ☐ Yes

If Yes, explain:

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

Sample

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

Current Degree/Certificate Outcome

- Make independent and accurate airworthiness judgments while inspecting and maintaining aircraft in accordance with applicable airworthiness requirements.
- Recognize common factors within a complex problem and draw upon many sources to formulate a solution.
- View a problem from both the overall perspective, and the specific perspective.
- Discern and discuss the similarities and the differences in the comparison of aircraft systems and components.
- Demonstrate an understanding of the need to commit to developing a plan of action based upon the research and understanding of appropriate maintenance and inspection data.
- Manifest an appropriate attitude toward, and implement a plan of "Safety Awareness" and compliance that includes you, your co-workers, the work area, and the aircraft.

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
AMT 101	GENERAL AREA COURSES: Introduction to A&P	1.0
AMT 102	Aircraft Electricity I	4.0
AMT 203	Aircraft Electricity II	4.0
AMT 204	Aircraft Electricity III	4.0
AMT 105	Aviation CFRs & Related Subjects	4.0
AMT 106	Aircraft Applied Science	4.0

AMT 107	Materials and Processes	4.0
=====	=====	=====
		25.0
		=====
	POWERPLANT AREA COURSES:	
AMT 117	Reciprocating Engine Theory and Maintenance	4.0
AMT 218	Powerplant Inspection	4.0
AMT 219	Turbine Engine Overhaul	4.0
AMT 120	Propellers and Engine Installation	4.0
AMT 121	Turbine Engine Theory and Maintenance	4.0
AMT 222	Reciprocating Engine Overhaul	4.0
AMT 123	Ignition Systems	4.0
AMT 124	Fuel Metering Systems	4.0
AMT 225	AMT Practicum / Powerplant	4.0
		=====
		36.0
		=====

Proposed

Course Number	Course Title	Credit
AMT 108	Add to General Area Courses: AMT Practicum / General	2.0
AMT 225	Reduce Credit Hours of Courses: AMT Practicum / Powerplant	2.0

Total Number of Credits in Degree/Certificate:

Current Credits: 61

Proposed Credits: 61

Contact Information:

Submitted by: Marshall V. Pryor

Contact e-mail: mpryor@pcc.edu

Next Steps:

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

AMT 1 YEAR CERTIFICATE-POWERPLANT CURRENT		
AMT 101	Introduction to A&P	1
AMT 102	Aircraft Electricity I	4
AMT 203	Aircraft Electricity II	4
AMT 204	Aircraft Electricity III	4
AMT 105	Aviation CFRs & Related Subjects	4
AMT 106	Aircraft Applied Science	4
AMT 107	Materials and Processes	4
AMT 117	Reciprocating Engine Theory and Maintenance	4
AMT 218	Powerplant Inspection	4
AMT 219	Turbine Engine Overhaul	4
AMT 120	Propellers and Engine Installation	4
AMT 121	Turbine Engine Theory and Maintenance	4
AMT 222	Reciprocating Engine Overhaul	4
AMT 123	Ignition Systems	4
AMT 124	Fuel Metering Systems	4
AMT 225	AMT Practicum/Powerplant	4
		61

AMT 1 YEAR CERTIFICATE-POWERPLANT PROPOSED		
AMT 101	Introduction to A&P	1
AMT 102	Aircraft Electricity I	4
AMT 203	Aircraft Electricity II	4
AMT 204	Aircraft Electricity III	4
AMT 105	Aviation CFRs & Related Subjects	4
AMT 106	Aircraft Applied Science	4
AMT 107	Materials and Processes	4
AMT 117	Reciprocating Engine Theory and Maintenance	4
AMT 218	Powerplant Inspection	4
AMT 219	Turbine Engine Overhaul	4
AMT 120	Propellers and Engine Installation	4
AMT 121	Turbine Engine Theory and Maintenance	4
AMT 222	Reciprocating Engine Overhaul	4
AMT 123	Ignition Systems	4
AMT 124	Fuel Metering Systems	4
AMT 225	AMT Practicum/Powerplant	2
AMT 108	AMT Practicum/General	2
		61

PORTLAND COMMUNITY COLLEGE

Associate of Applied Science/Certificate Revision Request Form

Current Degree/Certificate Title: One-Year Airframe Certificate

Proposed Degree/Certificate Title: One-Year Airframe Certificate

Reason for Revision:

Course revision only. Course work and credit hour totals remain the same.

Request Implementation Term: Fall 2008

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
	Math competency is met by: successful completion of PCC Math 60 or by successful completion (70% minimum) of the AMT Department Math Competency Test. Department approval is required to take the department Math Competency Test and requires either: placement into higher than Math 60 or completion of higher than Math 60. This test may not be repeated within the same term.	

Does Revision involve changing Degree/Certificate Prerequisites?

☒ No ☐ Yes

If Yes, please list proposed prerequisites:

Proposed

Course Number	Course Title	Credit

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

☒ No ☐ Yes

If Yes, explain:

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

Sample

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

Current Degree/Certificate Outcome

- Make independent and accurate airworthiness judgments while inspecting and maintaining aircraft in accordance with applicable airworthiness requirements.
- Recognize common factors within a complex problem and draw upon many sources to formulate a solution.
- View a problem from both the overall perspective, and the specific perspective.
- Discern and discuss the similarities and the differences in the comparison of aircraft systems and components.
- Demonstrate an understanding of the need to commit to developing a plan of action based upon the research and understanding of appropriate maintenance and inspection data.
- Manifest an appropriate attitude toward, and implement a plan of "Safety Awareness" and compliance that includes you, your co-workers, the work area, and the aircraft.

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
AMT 101	GENERAL AREA COURSES: Introduction to A&P	1.0
AMT 102	Aircraft Electricity I	4.0
AMT 203	Aircraft Electricity II	4.0
AMT 204	Aircraft Electricity III	4.0
AMT 105	Aviation CFRs & Related Subjects	4.0
AMT 106	Aircraft Applied Science	4.0

AMT 107	Materials and Processes	4.0
		=====
		25.0
=====	=====	=====
	AIRFRAME AREA COURSES:	
AMT 208	Aircraft Systems	4.0
AMT 109	Assembly and Rigging	4.0
AMT 211	Composite Structures	4.0
AMT 212	Sheet Metal	4.0
AMT 213	Hydraulic, Pneumatic and Landing Gear	4.0
AMT 214	Instruments, Communication and Navigation	4.0
AMT 115	Aircraft Structures and Inspection	4.0
AMT 216	AMT Practicum / Airframe	4.0
WLD 210	Additional Required AIRFRAME Course Aviation Welding	2.0
		=====
		34.0
		=====

Proposed

Course Number	Course Title	Credit
AMT 108	Add to General Area Courses: AMT Practicum / General	2.0
AMT 216	Reduce Credit Hours of Courses: AMT Practicum / Airframe	2.0

Total Number of Credits in Degree/Certificate:

Current Credits: 59

Proposed Credits: 59

Contact Information:

Submitted by: Marshall V. Pryor

Contact e-mail: mpryor@pcc.edu

Next Steps:

- Save completed Associate of Applied Science/Certificate Revision Request Form and Submit as an email attachment to curriculum@pcc.edu.
 - If needed, attach Related Instruction Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) to the same email.
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- 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.

	AMT ONE YEAR CERT-AIRFRAME CURRENT	
AMT 101	Introduction to A&P	1
AMT 102	Aircraft Electricity I	4
AMT 203	Aircraft Electricity II	4
AMT 204	Aircraft Electricity III	4
AMT 105	Aviation CFRs & Related Subjects	4
AMT 106	Aircraft Applied Science	4
AMT 107	Materials and Processes	4
AMT 208	Aircraft Systems	4
AMT 109	Assembly and Rigging	4
AMT 211	Composite Structures	4
AMT 212	Sheet Metal	4
AMT 213	Hydraulic, Pneumatic and Landing Gear	4
AMT 214	Instruments, Communication and Navigation	4
AMT 115	Aircraft Structures and Inspection	4
AMT 216	AMT Practicum / Airframe	4
WLD 210	Aviation Welding	2
	Total	59

	AMT ONE YEAR CERT-AIRFRAME PROPOSED	
AMT 101	Introduction to A&P	1
AMT 102	Aircraft Electricity I	4
AMT 203	Aircraft Electricity II	4
AMT 204	Aircraft Electricity III	4
AMT 105	Aviation CFRs & Related Subjects	4
AMT 106	Aircraft Applied Science	4
AMT 107	Materials and Processes	4
AMT 208	Aircraft Systems	4
AMT 109	Assembly and Rigging	4
AMT 211	Composite Structures	4
AMT 212	Sheet Metal	4
AMT 213	Hydraulic, Pneumatic and Landing Gear	4
AMT 214	Instruments, Communication and Navigation	4
AMT 115	Aircraft Structures and Inspection	4
AMT 216	AMT Practicum / Airframe	2
WLD 210	Aviation Welding	2
AMT 108	AMT Practicum /General	2
	Total	59

PORTLAND COMMUNITY COLLEGE

Associate of Applied Science/Certificate Revision Request Form

Current Degree/Certificate Title: Two Year Certificate: Aviation Maintenance Technology

Proposed Degree/Certificate Title: Two Year Certificate: Aviation Maintenance Technology

Reason for Revision:

Reduction in required total credit hours from 95 to 93.

Request Implementation Term: Fall 2008

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
	Math competency is met by: successful completion of PCC Math 60 or by successful completion (70% minimum) of the AMT Department Math Competency Test. Department approval is required to take the department Math Competency Test and requires either: placement into higher than Math 60 or completion of higher than Math 60. This test may not be repeated within the same term.	

Does Revision involve changing Degree/Certificate Prerequisites?

☒ No ☐ Yes

If Yes, please list proposed prerequisites:

Proposed

Course Number	Course Title	Credit

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

☒ No ☐ Yes

If Yes, explain:

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

Sample

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

Current Degree/Certificate Outcome

- Make independent and accurate airworthiness judgments while inspecting and maintaining aircraft in accordance with applicable airworthiness requirements.
- Recognize common factors within a complex problem and draw upon many sources to formulate a solution.
- View a problem from both the overall perspective, and the specific perspective.
- Discern and discuss the similarities and the differences in the comparison of aircraft systems and components.
- Demonstrate an understanding of the need to commit to developing a plan of action based upon the research and understanding of appropriate maintenance and inspection data.
- Manifest an appropriate attitude toward, and implement a plan of "Safety Awareness" and compliance that includes you, your co-workers, the work area, and the aircraft.

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
AMT 101	GENERAL AREA COURSES: Introduction to A&P	1.0
AMT 102	Aircraft Electricity I	4.0
AMT 203	Aircraft Electricity II	4.0
AMT 204	Aircraft Electricity III	4.0
AMT 105	Aviation CFRs & Related Subjects	4.0
AMT 106	Aircraft Applied Science	4.0

AMT 107	Materials and Processes	4.0
		=====
		25.0
=====	=====	=====
	AIRFRAME AREA COURSES:	
AMT 208	Aircraft Systems	4.0
AMT 109	Assembly and Rigging	4.0
AMT 211	Composite Structures	4.0
AMT 212	Sheet Metal	4.0
AMT 213	Hydraulic, Pneumatic and Landing Gear	4.0
AMT 214	Instruments, Communication and Navigation	4.0
AMT 115	Aircraft Structures and Inspection	4.0
AMT 216	AMT Practicum / Airframe	4.0
	Additional Required AIRFRAME Course	
WLD 210	Aviation Welding	2.0
		=====
		34.0
=====	=====	=====
	POWERPLANT AREA COURSES:	
AMT 117	Reciprocating Engine Theory and Maintenance	4.0
AMT 218	Powerplant Inspection	4.0
AMT 219	Turbine Engine Overhaul	4.0
AMT 120	Propellers and Engine Installation	4.0
AMT 121	Turbine Engine Theory and Maintenance	4.0
AMT 222	Reciprocating Engine Overhaul	4.0
AMT 123	Ignition Systems	4.0
AMT 124	Fuel Metering Systems	4.0
AMT 225	AMT Practicum / Powerplant	4.0
		=====
		36.0
		=====

Proposed

Course Number	Course Title	Credit
AMT 108	Add to General Area Courses: AMT Practicum / General	2.0
AMT 216	Reduce Credit Hours of Courses: AMT Practicum / Airframe	2.0
AMT 225	AMT Practicum / Powerplant	2.0

Total Number of Credits in Degree/Certificate:

Current Credits: 95

Proposed Credits: 93

Contact Information:

Submitted by: Marshall V. Pryor

Contact e-mail: mpryor@pcc.edu

Next Steps:

1. a. Save completed Associate of Applied Science/Certificate Revision Request Form and Submit as an email attachment to curriculum@pcc.edu.
b. If needed, attach Related Instruction Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) to the same email.
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	AMT TWO YEAR CERTIFICATE CURRENT	
AMT 101	Intro to A&P	1
AMT 102	Aircraft Electricity I	4
AMT 203	Aircraft Electricity II	4
AMT 204	Aircraft Electricity III	4
AMT 105	Aviation CFRs & Related Subjects	4
AMT 106	Aircraft Applied Science	4
AMT 107	Materials and Processes	4
AMT 208	Aircraft Systems	4
AMT 109	Assembly and Rigging	4
AMT 211	Composite Structures	4
AMT 212	Sheet Metal	4
AMT 213	Hydraulic, Pneumatic and Landing Gear	4
AMT 214	Instruments, Communication and Navigation	4
AMT 115	Aircraft Structures and Inspection	4
AMT 216	AMT Practicum/Airframe	4
WLD 210	Aviation Welding	2
AMT 117	Reciprocating Engine Theory and Maintenance	4
AMT 218	Powerplant Inspection	4
AMT 219	Turbine Engine Overhaul	4
AMT 120	Propellers and Engine Installation	4
AMT 121	Turbine Engine Theory and Maintenance	4
AMT 222	Reciprocating Engine Overhaul	4
AMT 123	Ignition Systems	4
AMT 124	Fuel Metering Systems	4
AMT 225	AMT Practicum / Powerplant	4
	Total	95

	AMT TWO YEAR CERTIFICATE CURRENT	
AMT 101	Intro to A&P	1
AMT 102	Aircraft Electricity I	4
AMT 203	Aircraft Electricity II	4
AMT 204	Aircraft Electricity III	4
AMT 105	Aviation CFRs & Related Subjects	4
AMT 106	Aircraft Applied Science	4
AMT 107	Materials and Processes	4
AMT 208	Aircraft Systems	4
AMT 109	Assembly and Rigging	4
AMT 211	Composite Structures	4
AMT 212	Sheet Metal	4
AMT 213	Hydraulic, Pneumatic and Landing Gear	4
AMT 214	Instruments, Communication and Navigation	4
AMT 115	Aircraft Structures and Inspection	4
AMT 216	AMT Practicum/Airframe	2
WLD 210	Aviation Welding	2
AMT 117	Reciprocating Engine Theory and Maintenance	4
AMT 218	Powerplant Inspection	4
AMT 219	Turbine Engine Overhaul	4
AMT 120	Propellers and Engine Installation	4
AMT 121	Turbine Engine Theory and Maintenance	4
AMT 222	Reciprocating Engine Overhaul	4
AMT 123	Ignition Systems	4
AMT 124	Fuel Metering Systems	4
AMT 225	AMT Practicum / Powerplant	2
AMT 108	AMT Practicum/Genearl	2
	Total	93

PORTLAND COMMUNITY COLLEGE

Associate of Applied Science/Certificate Revision Request Form

Current Degree/Certificate Title: AAS: Aviation Maintenance Technology

Proposed Degree/Certificate Title: AAS: Aviation Maintenance Technology

Reason for Revision:

Reduction in required total credit hours from 111 to 109.

Request Implementation Term: Fall 2008

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
	MMath competency is met by: successful completion of PCC Math 60 or by successful completion (70% minimum) of the AMT Department Math Competency Test. Department approval is required to take the department Math Competency Test and requires either: placement into higher than Math 60 or completion of higher than Math 60. This test may not be repeated within the same term.	

Does Revision involve changing Degree/Certificate Prerequisites?

☒ No ☐ Yes

If Yes, please list proposed prerequisites:

Proposed

Course Number	Course Title	Credit

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

☒ No ☐ Yes

If Yes, explain:

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

Sample

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

Current Degree/Certificate Outcome

- Make independent and accurate airworthiness judgments while inspecting and maintaining aircraft in accordance with applicable airworthiness requirements.
- Recognize common factors within a complex problem and draw upon many sources to formulate a solution.
- View a problem from both the overall perspective, and the specific perspective.
- Discern and discuss the similarities and the differences in the comparison of aircraft systems and components.
- Demonstrate an understanding of the need to commit to developing a plan of action based upon the research and understanding of appropriate maintenance and inspection data.
- Manifest an appropriate attitude toward, and implement a plan of "Safety Awareness" and compliance that includes you, your co-workers, the work area, and the aircraft.

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
AMT 101	GENERAL AREA COURSES: Introduction to A&P	1.0
AMT 102	Aircraft Electricity I	4.0
AMT 203	Aircraft Electricity II	4.0
AMT 204	Aircraft Electricity III	4.0
AMT 105	Aviation CFRs & Related Subjects	4.0
AMT 106	Aircraft Applied Science	4.0

AMT 107	Materials and Processes	4.0
=====	=====	=====
		25.0
=====	=====	=====
	AIRFRAME AREA COURSES:	
AMT 208	Aircraft Systems	4.0
AMT 109	Assembly and Rigging	4.0
AMT 211	Composite Structures	4.0
AMT 212	Sheet Metal	4.0
AMT 213	Hydraulic, Pneumatic and Landing Gear	4.0
AMT 214	Instruments, Communication and Navigation	4.0
AMT 115	Aircraft Structures and Inspection	4.0
AMT 216	AMT Practicum / Airframe	4.0
	Additional Required AIRFRAME Course	
WLD 210	Aviation Welding	2.0
=====	=====	=====
		34.0
=====	=====	=====
	POWERPLANT AREA COURSES:	
AMT 117	Reciprocating Engine Theory and Maintenance	4.0
AMT 218	Powerplant Inspection	4.0
AMT 219	Turbine Engine Overhaul	4.0
AMT 120	Propellers and Engine Installation	4.0
AMT 121	Turbine Engine Theory and Maintenance	4.0
AMT 222	Reciprocating Engine Overhaul	4.0
AMT 123	Ignition Systems	4.0
AMT 124	Fuel Metering Systems	4.0
AMT 225	AMT Practicum / Powerplant	4.0
		=====
		36.0
		=====

Proposed

Course Number	Course Title	Credit
AMT 108	Add to General Area Courses: AMT Practicum / General	2.0
AMT 216	Reduce Credit Hours of Courses: AMT Practicum / Airframe	2.0
AMT 225	AMT Practicum / Powerplant	2.0
	(a net reduction of 2.0 cr.hrs.)	

Total Number of Credits in Degree/Certificate:

Current Credits: 111

Proposed Credits: 109

Contact Information:

Submitted by: Marshall V. Pryor

Contact e-mail: mpryor@pcc.edu

Next Steps:

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AVIATION MAINTENANCE AAS DEGREE CURRENT		
AMT 101	Introduction to A&P	1
AMT 102	Aircraft Electricity I	4
AMT 203	Aircraft Electricity II	4
AMT 204	Aircraft Electricity III	4
AMT 105	Aviation CFRs & Related Subjects	4
AMT 106	Aircraft Applied Science	4
AMT 107	Materials and Processes	4
AMT 208	Aircraft Systems	4
AMT 109	Assembly and Rigging	4
AMT 211	Composite Structures	4
AMT 212	Sheet Metal	4
AMT 213	Hydraulic, Pneumatic and Landing Gear	4
AMT 214	Instruments, Communication and Navigation	4
AMT 115	Aircraft Structures and Inspection	4
AMT 216	AMT Practicum / Airframe	4
WLD 210	Aviation Welding	2
AMT 117	Reciprocating Engine Theory and Maintenance	4
AMT 218	Powerplant Inspection	4
AMT 219	Turbine Engine Overhaul	4
AMT 120	Propellers and Engine Installation	4
AMT 121	Turbine Engine Theory and Maintenance	4
AMT 222	Reciprocating Engine Overhaul	4
AMT 123	Ignition Systems	4
AMT 124	Fuel Metering Systems	4
AMT 225	AMT Practicum / Powerplant	4
	General Education	16
	Total	111

AVIATION MAINTENANCE AAS DEGREE PROPOSED		
AMT 101	Introduction to A&P	1
AMT 102	Aircraft Electricity I	4
AMT 203	Aircraft Electricity II	4
AMT 204	Aircraft Electricity III	4
AMT 105	Aviation CFRs & Related Subjects	4
AMT 106	Aircraft Applied Science	4
AMT 107	Materials and Processes	4
AMT 208	Aircraft Systems	4
AMT 109	Assembly and Rigging	4
AMT 211	Composite Structures	4
AMT 212	Sheet Metal	4
AMT 213	Hydraulic, Pneumatic and Landing Gear	4
AMT 214	Instruments, Communication and Navigation	4
AMT 115	Aircraft Structures and Inspection	4
AMT 216	AMT Practicum / Airframe	2
WLD 210	Aviation Welding	2
AMT 117	Reciprocating Engine Theory and Maintenance	4
AMT 218	Powerplant Inspection	4
AMT 219	Turbine Engine Overhaul	4
AMT 120	Propellers and Engine Installation	4
AMT 121	Turbine Engine Theory and Maintenance	4
AMT 222	Reciprocating Engine Overhaul	4
AMT 123	Ignition Systems	4
AMT 124	Fuel Metering Systems	4
AMT 225	AMT Practicum / Powerplant	2
	General Education	16
AMT 108	AMT Practicum/General	2
	Total	109

PORTLAND COMMUNITY COLLEGE

Associate of Applied Science/Certificate Revision Request Form

Current Degree/Certificate Title: Gerontology AAS Degree

Proposed Degree/Certificate Title: No Change

Reason for Revision:

Adding courses from new Horticultural Therapy Certificates to Electives, and changing the Elective Credits from 16 to 18 to bring Degree credits to 90 (not counting MTH65), and changing internship waiver language

Request Implementation Term: Fall 2008

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
See attached list		

Does Revision involve changing Degree/Certificate Prerequisites?

☒ No ☐ Yes

If Yes, please list proposed prerequisites:

Proposed

Course Number	Course Title	Credit

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

☒ No ☐ Yes

If Yes, explain:

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

Sample

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

Current Degree/Certificate Outcome
<ul style="list-style-type: none">Apply skills and knowledge to effective work with and for elders as a gerontology professional, and as a family and community memberUse gerontological research and theories to plan, implement, and

<p>contribute to programs, policies, and social change strategies for and with elders in professional, institutional and community settings</p> <ul style="list-style-type: none"> Communicate, collaborate, and access appropriate resources, while working with other professionals and with diverse stakeholders 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
	16 credits of Electives See attached complete list of Elective Options	

Proposed

Course Number	Course Title	Credit
	18 credits of Electives Add the following to Electives:	
GRN267	Prof Therapeutic Horticulture	2

GRN268	Therapeutic Hort Strategies	2
GRN269	Therapeutic Hort Skills I	2
GRN270	Therapeutic Hort Programming	2
GRN271	Therapeutic Hort Skills II	2
GRN272	Therapeutic Gardens	3

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.
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 90 credits Current		
Core Courses: 28 credits		
GRN 181	Exploring the Field of Aging	2
GRN 282	Gerontology Professional Seminar	1
PSY 215	Human Development	4
SOC 223	Sociology of Aging	4
SOC 230	Introduction to Gerontology	4
SOC 231	Sociology of Health and Aging	4
SOC 232	Death & Dying: Culture & Issues	4
GRN 280A CE:	Gerontology Internship	4
GRN 280B	Gerontology Internship Seminar	1
Required Degree Courses - 21 credits		
AD 101	Alcohol Use & Addiction	3
PHL 207	Ethical Issues in Aging	4
SOC 204	General Sociology: Sociology in Everyday Life	
SOC 213	Diversity in the United States	4
GRN 280A	CE: Gerontology Internship (Worksite Placement) 6	
WR 121	English Composition	4
MTH 65	Basic Algebra	4
	Only the four WR credits can count	4
Restricted Electives Choose 8 cr from below & 8 from		
AD 102	Drug Use & Addiction	3
AD 105	Aging & Addictions	3
AD 154	Client Record Mgmt & Addiction	3
AD 156	Ethical & Professional Issues	3
FT 102	Injury Prevention & Management	2
FT 106	Analysis of Movement	3
FT 131	Structure & Function of the Human Body	4
FT 202	Fitness and Aging	3
GRN 265	Activity Professional Training I	3
GRN 266	Activity Professional Training II	3
HE 252	First Aid Basics and Beyond	1
HE 212	Women's Health	4
HE 213	Men's Health	4
HE 242	Stress & Human Health	4
HE 251	Comm/Public Health Issues	4
PSY 201	Introduction to Psychology	4
PSY 202	Introduction to Psychology	4

Gerontology AAS Degree 90 credits Proposed		
Core Courses: 28 credits		
GRN 181	Exploring the Field of Aging	2
GRN 282	Gerontology Professional Seminar	1
PSY 215	Human Development	4
SOC 223	Sociology of Aging	4
SOC 230	Introduction to Gerontology	4
SOC 231	Sociology of Health and Aging	4
SOC 232	Death & Dying: Culture & Issues	4
GRN 280A CE:	Gerontology Internship	4
GRN 280B	Gerontology Internship Seminar	1
Required Degree Courses - 21 credits		
AD 101	Alcohol Use & Addiction	3
PHL 207	Ethical Issues in Aging	4
SOC 204	General Sociology: Sociology in Everyday Life	
SOC 213	Diversity in the United States	4
GRN 280A	CE: GRN Internship (Worksite Placement) 6	
WR 121	English Composition	4
MTH 65	Basic Algebra	4
Restricted Electives Choose 9 cr from below & 9 from		
AD 102	Drug Use & Addiction	3
AD 105	Aging & Addictions	3
AD 154	Client Record Mgmt & Addiction	3
AD 156	Ethical & Professional Issues	3
FT 102	Injury Prevention & Management	2
FT 106	Analysis of Movement	3
FT 131	Structure & Function of the Human Body	4
FT 202	Fitness and Aging	3
GRN 265	Activity Professional Training I	3
GRN 266	Activity Professional Training II	3
HE 252	First Aid Basics and Beyond	1
HE 212	Women's Health	4
HE 213	Men's Health	4
HE 242	Stress & Human Health	4
HE 251	Comm/Public Health Issues	4
PSY 201	Introduction to Psychology	4
PSY 202	Introduction to Psychology	4
PSY 214	Introduction to Personality	4

PSY 214	Introduction to Personality	4
PSY 222	Family & Intimate Relations	4
PSY 231	Human Sexuality	4
PSY 232	Human Sexuality	4
SOC 206	General Sociology: Social Problems	4
SOC 218	Sociology of Gender	4
	Electives	16
	General Education	16
Choose one course from the following Restricted Electives		
CAS 216	Beginning Word: WIN ₁	3
CAS 217	Advanced Word: WIN ₁	4
CAS 133	Basic Computer Skills/MS Office ₁	3
CAS 170	Excel ₁	3
CAS 140	Access ₁	3
CAS 231	Publisher ₁	3
¹ This requirement can be met through proof of comparable, work-based computer skills training.		
	Total	88

PSY 222	Family & Intimate Relations	4
PSY 231	Human Sexuality	4
PSY 232	Human Sexuality	4
SOC 206	General Sociology: Social Problems	4
SOC 218	Sociology of Gender	4
GRN 267	Prof Therapeutic Horticulture	2
GRN 268	Therapeutic Hort Strategies	2
GRN 269	Therapeutic Hort Skills I	2
GRN 270	Therapeutic Hort Programming	2
GRN 271	Therapeutic Hort Skills II	2
GRN 272	Therapeutic Gardens	3
	Electives	18
	General Education	16
Choose one course from the following Restricted Electives		
CAS 216	Beginning Word: WIN ₁	3
CAS 217	Advanced Word: WIN ₁	4
CAS 133	Basic Computer Skills/MS Office ₁	3
CAS 170	Excel ₁	3
CAS 140	Access ₁	3
CAS 231	Publisher ₁	3
¹ This requirement can be met through proof of comparable, work-based computer skills training.		
	Total	90

PORTLAND COMMUNITY COLLEGE

Associate of Applied Science/Certificate Revision Request Form

Current Degree/Certificate Title: Gerontology 1-Year Certificate

Proposed Degree/Certificate Title: Gerontology Career Pathway Certificate of Completion

Reason for Revision:

Adding new therapeutic horticulture courses to electives, removing MTH20 basic competency, and changing the Certificate from a "Related Certificate" to a Career Pathway Certificate of Completion of 43 credits, and changing internship waiver language.

Request Implementation Term: Fall 2008

List Current Degree/Certificate Prerequisites:

Sample

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

Current

Course Number	Course Title	Credit

Does Revision involve changing Degree/Certificate Prerequisites?

☒ No ☐ Yes

If Yes, please list proposed prerequisites:

Proposed

Course Number	Course Title	Credit

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

☒ No ☐ Yes

If Yes, explain:

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

Sample

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

Current Degree/Certificate Outcome
<ul style="list-style-type: none">Apply skills and knowledge to effective work with and for elders as a gerontology professional, and as a family and community memberUse gerontological research and theories to plan, implement, and contribute to programs, policies, and social change strategies for and with elders

<ul style="list-style-type: none"> in professional, institutional and community settings Communicate, collaborate, and access appropriate resources, while working with other professionals and with diverse stakeholders in service and program 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
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Does Revision involve changing Degree/Certificate Outcomes?

☒ No ☐ Yes

If Yes, list proposed outcomes:

Proposed Degree/Certificate Outcome
<ul style="list-style-type: none"> NB: Only changed "additional 45 credits" to "additional 47 credits"

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 List of Courses. Currently includes MTH20 as basic competency	

Proposed

Course Number	Course Title	Credit
ADD Elective GRN166	Therapeutic Horticulture in Health and Human Services	1

REMOVE MTH20	Basic Arithmetic	
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Total Number of Credits in Degree/Certificate:

Current Credits: 47

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.
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 of Completion** (Revised 0908)

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. 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
PSY 215	Human Development	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	4 credits

Basic Competencies **[Dropped MTH20]**

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»
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
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: Students must take Health Education 110 - Cardiopulmonary Resuscitation (1 credit) or acquire training and receive a certificate of completion in the same area from a licensed public or private organization in order to complete the requirements for this certificate.

Gerontology 47 Credit Certificate Current		
Basic Competencies		28
GRN 181 Exploring the Field of Aging		2
GRN 282 Gerontology Professional Seminar		1
PSY 215	Human Development	4
SOC 223	Socialolgy of Aging	4
SOC 230	Introduction to Gerontology	4
SOC 231	Sociology of Health and Aging	4
SOC 232	Death & Dying: Culture & Issues	4
GRN 280A	CE: Gerontology Internship	4
GRN 280B	Gerontology Internship Seminar	1
WR 121	English Composition 1	4
MTH 20	Basic Math 2	4
1 Or passing a WR course for which WR 121 is a prerequisite.		
2 Or higher, or passing the PCC competency exam for MTH 20.		
Electives - At least eight credits from the following courses:		
AD 101	Alcohol Use & Addiction 2	3
GRN 165	Basic Activity Director Training	2
GRN 235	Advanced Care Issues 2	2
GRN 236	Advanced Care Practices	2
SOC 204	Sociology in Everyday Life 2	4
SOC 205	Social Change & Social Institutions	4
SOC 213	Diversity in the United States 2	4
PHL 207	Ethical Issues in Aging 2	4
PSY 101	Psychology & Human Relations	4
PSY 214	Introduction to Personality	4
PSY 222	Family & Intimate Relations	4
MP 111	Medical Terminology	4
HPE 295	Health & Physical Fitness for Life 1	3
HE 250	Personal Health	3
BA 101	Introduction to Business	4
1 HPE 295 requires on-campus initial, midterm and final assessments for Lab. Online students should check with the instructor to make alternative arrangements.		
2 These courses are required for the AAS Degree.		

Gerontology 47 Credit Certificate Proposed		
Basic Competencies		28
GRN 181 Exploring the Field of Aging		2
GRN 282 Gerontology Professional Seminar		1
PSY 215	Human Development	4
SOC 223	Socialolgy of Aging	4
SOC 230	Introduction to Gerontology	4
SOC 231	Sociology of Health and Aging	4
SOC 232	Death & Dying: Culture & Issues	4
GRN 280A	CE: Gerontology Internship	4
GRN 280B	Gerontology Internship Seminar	1
WR 121	English Composition 1	4
MTH 20	Basic Math 2 (Remove)	4
1 Or passing a WR course for which WR 121 is a prerequisite.		
2 Or higher, or passing the PCC competency exam for MTH 20.		
Electives - At least eight credits from the following courses:		
AD 101	Alcohol Use & Addiction 2	3
GRN 165	Basic Activity Director Training	2
GRN 235	Advanced Care Issues 2	2
GRN 236	Advanced Care Practices	2
SOC 204	Sociology in Everyday Life 2	4
SOC 205	Social Change & Social Institutions	4
SOC 213	Diversity in the United States 2	4
PHL 207	Ethical Issues in Aging 2	4
PSY 101	Psychology & Human Relations	4
PSY 214	Introduction to Personality	4
PSY 222	Family & Intimate Relations	4
MP 111	Medical Terminology	4
HPE 295	Health & Physical Fitness for Life 1	3
HE 250	Personal Health	3
BA 101	Introduction to Business	4
1 HPE 295 requires on-campus initial, midterm and final assessments for Lab. Online students should check with the instructor to make alternative arrangements.		
2 These courses are required for the AAS Degree.		

Choose one course from the following Restricted Electives		
CAS 216	Beginning Word: WIN	3
CAS 217	Advanced Word: WIN	3
CAS 133	Basic Computer Skills/MS Office	4
CAS 170	Excel	3
CAS 140	Access	3
CAS 231	Publisher	3
1 This requirement can be met through proof of comparable, work-based computer skills training.		
	Total	47

Choose one course from the following Restricted Electives		
CAS 216	Beginning Word: WIN	3
CAS 217	Advanced Word: WIN	3
CAS 133	Basic Computer Skills/MS Office	4
CAS 170	Excel	3
CAS 140	Access	3
CAS 231	Publisher	3
1 This requirement can be met through proof of comparable, work-based computer skills training.		
	Total	43

PORTLAND COMMUNITY COLLEGE

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

Proposed Degree/Certificate Title: Gerontology: Therapeutic Horticulture

Reason for New Degree/Certificate: Provides Certificate of Completion qualifying for work in Therapeutic Horticulture program or with Therapeutic Horticulture enhancement in a variety of careers for those without a Bachelor's Degree

Requested Implementation Term: Fall 2008

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:

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

New Degree/Certificate Outcomes
<ul style="list-style-type: none">Work effectively in an interdisciplinary team to contribute therapeutic horticultural programming to activity programs for diverse populations within pediatric, geriatric, psychiatric, offender, vocational and medical rehabilitation, and other day or residential treatment facilities.Assist in the design, implementation, and evaluation of therapeutic garden and horticultural therapy programs meeting the physical, cognitive, and psychosocial needs of special needs clients, and applying professional skills and standards of the field.Pursue continuing education and professional development, including if desired the requirements of a Bachelor's Degree with the 36 credits in human services and horticulture specified by the American Horticultural Therapy Association for the Horticultural Therapist Registered designation.

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:

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

Course Number	Course Title	Credit
GRN165	Basic Activity Director Training	2
GRN235	Advanced Care Issues	2
GRN236	Advanced Care Practice	2
GRN267	Prof Therapeutic Horticulture	2
GRN268	Therapeutic Hort Strategies	2
GRN269	Therapeutic Hort Skills I	2
GRN270	Therapeutic Hort Programming	2
GRN271	Therapeutic Hort Skills II	2
GRN272	Therapeutic Gardens	3
GRN280A	CE: Gerontology Internship	4
GRN280B	Gerontology Internship Seminar	1
SOC223	Sociology of Aging	4
PSY215	Human Development	4
SOC230	Introduction to Gerontology	4
WR121	English Composition	4
Total Credits		40

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 Landscape Technology to identify courses in horticulture, plants and landscape design that would enhance this certificate

Contact Information:

Submitted by: Jan Abushakrah

Contact e-mail: jabushak@pcc.edu

Next Steps:

- Save completed New AAS Degree/Certificate Request Form and Submit as an email attachment to curriculum@pcc.edu.
 - If needed, attach Related Instruction Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) to the same email.
- Download and print New AAS Degree/Certificate Signature Page Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) and get the appropriate signatures.
- 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.

Gerontology: Therapeutic Horticulture Certificate of Completion

This certificate prepares students to work with an interdisciplinary team to contribute therapeutic horticulture programming in activity programs for diverse populations within pediatric, geriatric, psychiatric, offender, vocational and medical rehabilitation, and other day and residential care and treatment facilities. The certificate would also enhance the skills of occupational, physical, and recreational therapists and assistants. In addition, the certificate would qualify students to work in restorative, rehabilitative, and therapeutic gardens. Students who successfully complete the certificate and a Bachelor degree that includes the 18 credits of human sciences and 18 credits of horticulture courses on the American Horticultural Therapy Association approved list and who meet other requirements would be eligible for the AHTA designation as a Horticultural Therapist Registered (HTR).

Certificate Outcomes

- Work effectively in an interdisciplinary team to contribute therapeutic horticultural programming to activity programs for diverse populations within pediatric, geriatric, psychiatric, offender, vocational and medical rehabilitation, and other day or residential treatment facilities.
- Assist in the design, implementation, and evaluation of therapeutic garden and horticultural therapy programs meeting the physical, cognitive, and psychosocial needs of special needs clients, and applying professional skills and standards of the field.
- Pursue continuing education and professional development, including if desired the requirements of a Bachelor's Degree with the 36 credits in human services and horticulture specified by the American Horticultural Therapy Association for the Horticultural Therapist Registered designation.

Certificate Courses

GRN165	Basic Activity Director Training	2
GRN235	Advanced Care Issues	2
GRN236	Advanced Care Practice	2
GRN267	Prof Therapeutic Horticulture	2
GRN268	Therapeutic Hort Strategies	2
GRN269	Therapeutic Hort Skills I	2
GRN270	Therapeutic Hort Programming	2
GRN271	Therapeutic Hort Skills II	2
GRN272	Therapeutic Gardens	3
GRN280A	CE: Gerontology Internship	4*
GRN280B	Gerontology Internship Seminar	1
SOC223	Sociology of Aging	4

PSY215	Human Development	4
SOC230	Introduction to Gerontology	4
WR121	English Composition	4
	Total Credits	40

*The internship credits provide 120 hours of supervised field work under a registered horticultural therapist, which count toward the 480 hours required for AHTA HTR designation.

GRN267 – GRN272 (therapeutic horticulture courses) are all offered onsite at Legacy Good Samaritan Hospital, by Teresia Hazen, MEd, HTR, QMHP, Registered Horticultural Therapist and Coordinator of the Legacy Therapeutic Gardens & Horticultural Therapy Program.

Course Offerings by Term

GRN165	Basic Activity Director Training Taught in 2 intensive weekends	2	F08 Closed – 2 classes in W09
GRN235	Advanced Care Issues	2	F08, Sp09
GRN236	Advanced Care Practice	2	W09, Su09
GRN267	Prof Therapeutic Horticulture	2	GRN299A
GRN268	Therapeutic Hort Strategies	2	W09
GRN269	Therapeutic Hort Skills I	2	S09
GRN270	Therapeutic Hort Programming	2	Su09
GRN271	Therapeutic Hort Skills II	2	F09
GRN272	Therapeutic Gardens	3	W10
GRN280A	CE: Gerontology Internship	4	All terms
GRN280B	Gerontology Internship Seminar	1	F, W, Sp
SOC223	Sociology of Aging	4	W09, Sp09
PSY215	Human Development	4	All terms
SOC230	Introduction to Gerontology	4	F08, Sp09
WR121	English Composition	4	All terms
	Total Credits	40	

While not required for the Therapeutic Horticulture Certificate, it is recommended that students take some basic horticulture courses. The following courses are offered by PCC at the Rock Creek Campus:

Horticulture Courses offered at PCC

AHTA Required Horticulture & Landscape Areas	PCC Course Number	PCC Course Title	Credits	Terms Offered
Introduction to Horticulture	LAT106	Basic Horticulture*	4	Fall
Plant Materials	HOR226	Plant Materials – Deciduous*	4	Fall
	HOR227	Plant Materials – Evergreen*	4	Winter
	HOR228	Plant Materials – Flowering*	4	Spring
	HOR255	Spring Annuals & Perennials*	3	Spring
	HOR272	Summer Annuals & Perennials*	3	Summer
	LAT299	Indoor Plants*	3	Winter
General Plant Pathology	N/A			
Pest & Disease Management	LAT250	Plant Disease, Insect & Weed Identification	3	Spring
Plant Propagation	LAT109	Plant Propagation*	3	Winter
Floral Design	N/A			
Greenhouse or Nursery Production/Management	N/A			
Landscape Design	HOR290	Introduction to Landscape Design*	3	Winter
	HOR291	Design*	3	Winter
	LAT214	Landscape Design Process*	3	Fall
	LAT217	Plant Composition*	3	Fall
	LAT219	Landscape Drafting	3	Spring
	LAT271	Landscape Illustration Computer Aided Landscape Design	3	Spring

HOR designated courses will transfer to a college or university with greater ease than those designated LAT. LAT courses may transfer as elective credit rather than direct transfer of credits.

*These courses are considered the most valuable toward general knowledge and education in the field.

Last updated 9/12/08

	Therapeutic Horticulture Certificate New	
GRN165	Basic Activity Director Training	2
GRN235	Advanced Care Issues	2
GRN236	Advanced Care Practice	2
GRN267	Prof Therapeutic Horticulture	2
GRN268	Therapeutic Hort Strategies	2
GRN269	Therapeutic Hort Skills I	2
GRN270	Therapeutic Hort Programming	2
GRN271	Therapeutic Hort Skills II	2
GRN272	Therapeutic Gardens	3
GRN280A	CE: Gerontology Internship	4*
GRN280B	Gerontology Internship Seminar	1
SOC223	Sociology of Aging	4
PSY215	Human Development	4
SOC230	Introduction to Gerontology	4
WR121	English Composition	4
	Total Credits	40

*The internship credits provide 120 hours of supervised field work under a registered horticultural therapist, which count toward the 480 hours required for AHTA HTR designation.

PORTLAND COMMUNITY COLLEGE

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

Proposed Degree/Certificate Title: Gerontology: Horticultural Therapy

Reason for New Degree/Certificate: Provides Certificate of Completion meeting educational requirements for registration by the American Horticultural Therapy Association, when combined with 18 credits Horticulture and 18 credits Human Sciences (from AHTA approved list).

Requested Implementation Term: Fall 2008

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:

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

New Degree/Certificate Outcomes
<ul style="list-style-type: none">Work effectively as a registered horticultural therapist with diverse populations in therapeutic gardens and horticultural therapy programs within pediatric, geriatric, psychiatric, offender, vocational and medical rehabilitation, and other day or residential treatment facilities.Design, implement, and evaluate therapeutic garden and horticultural therapy programs meeting the physical, cognitive, and psychosocial needs of special needs clients, and applying professional skills and standards of the field.Meet educational standards for registration by the American Horticultural Therapy Association as a Horticultural Therapist Registered [HTR], when combined with required educational, continuing education and supervised work experience criteria. [HTR registration requires a Bachelor's degree including 18 credits in human sciences and 18 credits in horticulture from AHTA approved list].

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:

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

Course Number	Course Title	Credit
GRN165	Basic Activity Director Training	2
GRN235	Advanced Care Issues	2
GRN236	Advanced Care Practice	2
GRN267	Prof Therapeutic Horticulture	2
GRN268	Therapeutic Hort Strategies	2
GRN269	Therapeutic Hort Skills I	2
GRN270	Therapeutic Hort Programming	2
GRN271	Therapeutic Hort Skills II	2
GRN272	Therapeutic Gardens	3
GRN280A	CE: Gerontology Internship	4
GRN280B	Gerontology Internship Seminar	1
SOC223	Sociology of Aging	4
Total Credits		28

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 Landscape Technology to offer courses for 18 credits required for AHTA registration; other SACs to offer "human sciences" courses for 18 credits required for AHTA registration.

Contact Information:

Submitted by: Jan Abushakrah
Contact e-mail: jabushak@pcc.edu

Next Steps:

1. a. Save completed New AAS Degree/Certificate Request Form and Submit as an email attachment to curriculum@pcc.edu.
b. If needed, attach Related Instruction Form (<http://www.pcc.edu/resources/academic/eac/degree/forms.html>) to the same email.
2. Download and print 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.

Gerontology: Horticultural Therapy Certificate of Completion

This certificate prepares students to work as a registered horticultural therapist with diverse populations in therapeutic gardens and horticultural therapy programs within pediatric, geriatric, psychiatric, offender, vocational and medical rehabilitation, and other day or residential treatment and care facilities and activity programs. Horticultural therapists design, implement, and evaluate therapeutic garden and horticultural therapy programs, and often work in interdisciplinary teams with occupational, physical, and recreational therapists and other health and human services professionals. The certificate would also enhance the skills of activity, health and human services professionals. The certificate prepares students for designation as a Horticultural Therapist Registered (HRT) by the American Horticultural Therapy Association, when combined with a Bachelor degree including 18 credits of human sciences and 18 credits of horticulture on the approved AHTA list.

Certificate Outcomes

- Work effectively as a registered horticultural therapist with diverse populations in therapeutic gardens and horticultural therapy programs within pediatric, geriatric, psychiatric, offender, vocational and medical rehabilitation, and other day or residential treatment facilities.
- Design, implement, and evaluate therapeutic garden and horticultural therapy programs meeting the physical, cognitive, and psychosocial needs of special needs clients, and applying professional skills and standards of the field.
- Meet educational standards for registration by the American Horticultural Therapy Association as a Horticultural Therapist Registered [HTR], when combined with required educational, continuing education and supervised work experience criteria. [HTR certification requires a Bachelor degree including 18 credits in approved human sciences courses and 18 credits in horticulture approved by the AHTA. PCC offers all of the courses for students to meet the requirements in both categories. See accompanying lists].

Certificate Courses

GRN165	Basic Activity Director Training	2
GRN235	Advanced Care Issues	2
GRN236	Advanced Care Practice	2
GRN267	Prof Therapeutic Horticulture	2
GRN268	Therapeutic Hort Strategies	2
GRN269	Therapeutic Hort Skills I	2
GRN270	Therapeutic Hort Programming	2
GRN271	Therapeutic Hort Skills II	2
GRN272	Therapeutic Gardens	3
GRN280A	CE: Gerontology Internship	4*
GRN280B	Gerontology Internship Seminar	1
SOC223	Sociology of Aging	4
	Total Credits	28

*The AHTA requires a minimum of 480 hours of field work supervised by a registered horticultural therapist for registration as a HTR. The internship credits in this Certificate count toward 120 of those required hours.

GRN267 – GRN272 (therapeutic horticulture courses) are all offered onsite at Legacy Good Samaritan Hospital, by Teresia Hazen, MEd, HTR, QMHP, Registered Horticultural Therapist and Coordinator of the Legacy Therapeutic Gardens & Horticultural Therapy Program.

Course Offerings by Term

GRN165	Basic Activity Director Training – Taught in 2 intensive weekends	2	F08 Closed – 2 sections W09
GRN235	Advanced Care Issues	2	F08, Sp09
GRN236	Advanced Care Practice	2	W09, Su09
GRN267	Prof Therapeutic Horticulture	2	F08 (299A)
GRN268	Therapeutic Hort Strategies	2	W09
GRN269	Therapeutic Hort Skills I	2	Sp09
GRN270	Therapeutic Hort Programming	2	Su09
GRN271	Therapeutic Hort Skills II	2	F09
GRN272	Therapeutic Gardens	3	W10
GRN280A	CE: Gerontology Internship	4	All terms
GRN280B	Gerontology Internship Seminar	1	F, W, Sp
SOC223	Sociology of Aging	4	W09, Sp09
	Total Credits	28	

Horticultural Therapy Certificate – Human Services Requirements – 18 credits from the following:

AHTA Required Human Services Areas	PCC Course Number	PCC Course Title	Credits
Developmental Psychology	PSY201 or	Introduction to Psychology	4
	PSY201a		4
	PSY215	Human Development	4
Abnormal Psychology	PSY239	Abnormal Psychology (PSY201 pre-requisite)	4
Human Growth & Development	PSY215	Human Development	4
Adult Development & Aging	PSY215	Human Development	4
	SOC223	Sociology of Aging	4
	PSY237	Psychology of Adult Development & Aging – [under development]	4
Aspects of Disabilities & Illnesses	SOC231	Sociology of Health & Aging	4
	HE250	Personal Health	4
	HE251	Community Health	4
Group Dynamics	PSY101	Psychology & Human Relations	4
	PSY216	Social Psychology	4
	AD152	Group Counseling	3

Principles of Therapy	AD150	Basic Counseling & Addiction	3
	AD151	Basic Counseling Skills Mastery	1
	AD153	Theories of Counseling	3
	PSY202	Introduction to Psychology – Part 2	4
Human Anatomy/Physiology	BI121	Intro Human Anatomy/Phys I	4
	BI231	Human Anatomy & Physiology I	4
	BI232	Human Anatomy & Physiology II	4
	BI233	Human Anatomy & Physiology III	4
	FT131	Structure & Function of the Human Body	4
Medical & Psychiatric Terminology	MP111	Medical Terminology	4
Professional Ethics	PHL205	Biomedical Ethics	4
	PHL207	Ethical Issues in Aging	4
Assistive Technology	N/A		

Last updated 9/12/08

Horticultural Therapy Certificate – Horticulture Requirements – 18 credits from the following:

AHTA Required Horticulture & Landscape Areas	PCC Course Number	PCC Course Title	Credits	Terms Offered
Introduction to Horticulture	LAT106	Basic Horticulture*	4	Fall
Plant Materials	HOR226	Plant Materials – Deciduous*	4	Fall
	HOR227	Plant Materials – Evergreen*	4	Winter
	HOR228	Plant Materials – Flowering*	4	Spring
	HOR255	Spring Annuals & Perennials*	3	Spring
	HOR272	Summer Annuals & Perennials*	3	Summer
	LAT299	Indoor Plants*	3	Winter
General Plant Pathology	N/A			
Pest & Disease Management	LAT250	Plant Disease, Insect & Weed Identification	3	Spring
Plant Propagation	LAT109	Plant Propagation*	3	Winter
Floral Design	N/A			
Greenhouse or Nursery Production/Management	N/A			
Landscape Design	HOR290	Introduction to Landscape Design*	3	Winter
	HOR291	Landscape Design Process*	3	Winter
	LAT214	Plant Composition*	3	Fall
	LAT217	Landscape Drafting	3	Fall
	LAT219	Landscape Illustration	3	Spring
	LAT271	Computer Aided Landscape Design	3	Spring

HOR designated courses will transfer to a college or university with greater ease than those designated LAT. LAT courses may transfer as elective credit rather than direct transfer of credits.

*These courses are considered the most valuable toward general knowledge and education in the field.

Last updated 9/12/08

	GRN: Horticultural Therapy New	
GRN165	Basic Activity Director Training	2
GRN235	Advanced Care Issues	2
GRN236	Advanced Care Practice	2
GRN267	Prof Therapeutic Horticulture	2
GRN268	Therapeutic Hort Strategies	2
GRN269	Therapeutic Hort Skills I	2
GRN270	Therapeutic Hort Programming	2
GRN271	Therapeutic Hort Skills II	2
GRN272	Therapeutic Gardens	3
GRN280A	CE: Gerontology Internship	4
GRN280B	Gerontology Internship Seminar	1
SOC223	Sociology of Aging	4
	Total	28