

**Degrees and Certificates Agenda
October 9th, 2013
Downtown Center Rose Room
2pm to 4pm**

Old Business:

Review June 5th, 2013 minutes

Discussion Items:

EAC Report: Susanne Christopher

DOI Report: Cheryl Scott

Adult HS Diploma: Cheryl Scott

Curriculum Office Report: Anne Haberkern

CIC Report: Janeen Hull, Phil Christian

New Business:**2:30 Revision: Building Construction Technology AAS: Robert Steele**

Adding two courses, removing one course, degree title change, course term changes, and credit total increase.

Revision: Design/Build Remodeling AAS: Robert Steele

Adding one course, adding electives, removing four courses, degree title change, and degree credit decrease.

2:40 Revision: Civil Engineering Technology AAS: Jan Chambers

Adding one course, and removing one course.

Revision: Civil Engineering Technology with Green Technology and Sustainability AASO: Jan Chambers

Adding one course, and removing one course.

Revision: Civil Engineering Technology Two Year Certificate: Jan Chambers

Adding one course, and removing one course.

Revision: Mechanical Engineering Technology AAS: Jan Chambers

Adding one course, and removing one course.

Revision: Mechanical Engineering Technology with Green Technology and Sustainability AASO: Jan Chambers

Adding one course, and removing one course.

Revision: Mechanical Engineering Technology Two Year Certificate: Jan Chambers

Adding one course, and removing one course.

2:50 SUSPENSION: Tillamook Bay Community College: Multi Program: Lori Gates

Tillamook Bay CC wishes to suspend twenty two degrees and certificates.

Consent Agenda:

Geographic Information Systems: Adding GEO 210, 240, 250 to electives.



**ASSOCIATE OF APPLIED SCIENCE DEGREE
REVISION REQUEST FORM**

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

SECTION # 1 OVERVIEW

Current Title:	Building Construction Technology	Proposed Title:	No Change
Current Credits:	93	Proposed Credits:	96
Overview and rationale for proposed changes:	The BCT SAC agree the curriculum changes proposed will better enhance students' base knowledge necessary for the current construction industry. Surveying is a specialized industry field most often sub-contracted. BCT 129 and BCT 229 will provide students a base knowledge of Kitchen and Bath remodeling which is becoming more relevant as an employment skill.		
List of specific changes being proposed (i.e. may include, addition or deletion of courses, title changes, credit changes, prerequisite changes, outcome changes, course changes, etc). Use simple text such as Add, Remove, Change, Revise to inform the reader of the changes desired.	<ol style="list-style-type: none"> 1. ADD. BCT 129, Mechanical Planning for Kitchens and Baths. 2. ADD. BCT 229, Introduction to Kitchens and Baths. 3. DELETE. BCT 101, Principles of Construction Surveying. 4. move: COMM 215 and Electives to different terms. 5. Increase # credits required to earn the degree. 6. Revise outcomes 		
Are you adding or removing a course which is from another discipline? Consider this question for program prerequisites and required courses	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, have you communicated with the SAC or the dean? Are they aware of the financial and/or schedule impact of this change? Provide details of the conversation including who was contacted.	

SECTION # 2 PREREQUISITES AND OUTCOMES

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

Current Prerequisites	Does the revision involve changing degree prerequisites?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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Course Number	Course Title or Placement level	
Proposed Prerequisites		
Course Number	Course Title or Placement level	
Current Outcomes: Required whether or not outcomes are being changed.	Describe what we intend students to be able to do “out there” (in life roles: worker, family member, community citizen, global citizen, and life-long learner), as opposed to a classroom activity “in here”? Good outcomes statements will suggest context to indicate this “out there” and they will describe what students can DO with what they know. The committee will review the outcomes. For guidance on writing good outcome statements.	Does the revision involve changing degree outcomes? <input checked="" type="checkbox"/> Yes
Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS degree outcomes.		
Degree Outcome		Core Outcome
<i>Degree Outcomes: Students who complete this degree should be able to:</i>		
<ul style="list-style-type: none"> Safely construct and finish concrete foundation and flatwork systems by interpreting construction documents, estimating costs, ordering materials, and completing projects to industry standards. 		1,3,4,5
<ul style="list-style-type: none"> Safely construct various residential floor, wall and roof framing systems by interpreting construction documents, estimating costs, ordering materials, and completing projects to industry standards. 		1,3,4,5
<ul style="list-style-type: none"> Safely construct various residential interior and exterior wall and roof coverings, millwork, cabinetry and finishes by interpreting construction documents, estimating costs, ordering materials, and completing projects to industry standards. 		1,3,4,5
<ul style="list-style-type: none"> Apply competence in tool and job site safety, applied mathematics, estimating, building codes, and construction surveying. 		1,3,4,5
<ul style="list-style-type: none"> Practice the efficient use of natural and man-made resources in both commercial and residential building 		1,2,3,5

construction.	
<ul style="list-style-type: none"> Read, understand and generate construction documents, and communicate in the construction environment using effective written and oral communication skills. 	1,2,3,5
Revised Outcomes:	
Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS degree outcomes.	
Degree Outcome	Core Outcome
<i>Students who complete this degree should be able to:</i>	
<ul style="list-style-type: none"> Safely construct and finish concrete foundation and flatwork systems by interpreting construction documents, estimating costs, ordering materials, and completing projects to industry standards. 	1,3,4,5
<ul style="list-style-type: none"> Safely construct various residential floor, wall and roof framing systems by interpreting construction documents, estimating costs, ordering materials, and completing projects to industry standards. 	1,3,4,5,
<ul style="list-style-type: none"> Safely construct various residential interior and exterior wall and roof coverings, millwork, cabinetry and finishes by interpreting construction documents, estimating costs, ordering materials, and completing projects to industry standards. 	1,3,4,5
<ul style="list-style-type: none"> Apply competence in tool and job site safety, applied mathematics, estimating, and building codes. 	surveying deleted 1,3,5
<ul style="list-style-type: none"> Practice the efficient use of natural and man-made resources in both commercial and residential building construction. 	1,2,3,5
<ul style="list-style-type: none"> Read, understand and generate construction documents, and communicate in the construction environment using effective written and oral communication skills. 	1,2,3,5

SECTION # 3 COURSE BY COURSE COMPARISON

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

If you are adding a course place it in the preferred term or category, identify such a course with (add) and bold the text in the line.

If you want to rearrange the order of courses within the term by term sequence do so on this form.

If you are removing a course identify the course with (remove) and bold the text.

If the course title is changed identify the course with (title change) and bold the text.

If the course credits have changed identify the course with (increase or decrease credit) and bold the text.

If you need more lines to accommodate the courses, right click and insert rows.

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

CURRENT DEGREE INFORMATION			PROPOSED DEGREE INFORMATION		
COURSE NUMBER	COURSE TITLE	CREDITS	COURSE NUMBER	COURSE TITLE	CREDITS
1 st term			1 st term		
BCT 102	Residential Printreading	3	BCT 102	Residential Printreading	3
BCT 103	Residential Material and Methods	3	BCT 103	Residential Material and Methods	3
BCT 104	Construction Mathematics	3	BCT 104	Construction Mathematics	3
BCT 106	Hand-Power Tool Safety and Use	3	BCT 106	Hand-Power Tool Safety and Use	3
Gen Ed	General Education	4	Gen Ed	General Education	4
2 nd Term			2 nd Term		
ARCH 110	Intro to Architectural Drawing	2	Arch 110	Intro to Architectural Drawing	2
ARCH 132	Residential Building Codes	2	Arch 132	Residential Building Codes	2
BCT 101	Prin. of Construction Surveying Delete	3	BCT Ele.	BCT Degree Elective	3
BCT 127	Residential Concrete	6	BCT 127	Residential Concrete	6
			Gen Ed.	General Education	4
3 rd Term			3 rd Term		
BCT 120	Floor Framing	3	BCT 120	Floor Framing	3
BCT 121	Wall Framing	3	BCT 121	Wall Framing	3
BCT 122	Roof Framing1	3	BCT122	Roof Framing 1	3
BCT 123	Roof Framing 2	3	BCT 123	Roof Framing 2	3
			SP 215	Small Group Communication Moved	4
4 th Term			4 th Term		
BCT 128	Exterior Finish	6	BCT 128	Exterior Finish	6
BCT Deg.	Electives Delete	3	BCT 223	Finished Stair Construction	3
BCT 223	Finished Stair Construction	3	BCT 129	Mech. Planning for Kit. & Baths ADD	4
SP 215	Small Group Communication Move	4	BCT 229	Intro to Kitchens & Baths ADD	2
5 th Term			5 th Term		
BCT 203	Interior Finish	6	BCT 203	Interior Finish	6
BCT 219	Cabinetmaking1	6	BCT 219	Cabinetmaking1	6
Gen Ed	General Education	4	Gen Ed	General Education	4
6 th Term			6 th Term		
BCT 204B	Construction Estimating-Residential	3	BCT 204B	Construction Estimating-Residential	3
BCT 206	Sustainable Construction Practices	3	BCT 206	Sustainable Construction Practices	3

BCT 211	Remodeling	6	BCT 211	Remodeling	6
WR 227	Tech. and Professional Writing 1	4	WR 227	Tech. and Professional Writing 1	4
Credit Total 93			Credit Total 96		

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

Is this a statewide degree?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Has the change been approved by the consortium?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is this a degree option?	Yes <input checked="" type="checkbox"/> No	If yes, name of the base degree:	Building Construction Technology
Are there any career pathway(s) or related certificates attached to this degree?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, name of career pathway(s) or related certificate	Less than One-Year Certificate, Building Construction Technology
Requested Implementation Term (Please refer to Degree/Certificate timeline implementation guidelines)			Fall 2014

Submitted By:	Robert Steele
Email:	rsteale@pcc.edu



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SECTION # 1 OVERVIEW

Current Title:	BUILDING CONSTRUCTION TECHNOLOGY: DESIGN/BUILD REMODELING	Proposed Title:	NO CHANGE
Current Credits:	103	Proposed Credits:	103
Overview and rationale for proposed changes:	The BCT SAC proposes to delete the two Vectorworks courses as required and add them to a "Cad Elective" option. Vectorworks provides a limited scope of CAD training and is not commonly used in industry. ID 131 and 133 are courses more associated with the Interior Design Program. The BCT SAC feels the typical BCT degree seeking student would benefit more from BCT 127. BCT 202 D has been eliminated due to enrollment issues, and replaced by BCT 202C.		
List of specific changes being proposed (i.e. may include, addition or deletion of courses, title changes, credit changes, prerequisite changes, outcome changes, course changes, etc). Use simple text such as Add, Remove, Change, Revise to inform the reader of the changes desired.	<ol style="list-style-type: none"> 1. Delete BCT 105 Vectorworks for Constructors 2. Delete BCT 209 Vectorworks for Constructors 2 3. Delete ID 131 Introduction to Interiors 4. Delete ID 133 Space Planning and Designs 5. ADD BCT 127 Residential Concrete 6. ADD: CAD Electives 6 credits 7. Identify CAD elective list 8. Delete BCT 202D 9. ADD BCT 202C 		
Are you adding or removing a course which is from another discipline? Consider this question for program prerequisites and required courses	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, have you communicated with the SAC or the dean? Are they aware of the financial and/or schedule impact of this change? Provide details of the conversation including who was contacted.	BCT Department Chairs advised Interior Design Chair Amanda Ferrogiaro of these changes, and she understands and accepts the reasons for this change.

SECTION # 2 PREREQUISITES AND OUTCOMES

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

Current Prerequisites	Does the revision involve changing degree prerequisites?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Course Number	Course Title or Placement level		
Proposed Prerequisites			
Course Number	Course Title or Placement level		
Current Outcomes: Required whether or not outcomes are being changed.	Describe what we intend students to be able to do “out there” (in life roles: worker, family member, community citizen, global citizen, and life-long learner), as opposed to a classroom activity “in here”? Good outcomes statements will suggest context to indicate this “out there” and they will describe what students can DO with what they know. The committee will review the outcomes. For guidance on writing good outcome statements.	Does the revision involve changing degree outcomes? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS degree outcomes.			
Degree Outcome <i>Students who complete this degree should be able to:</i>		Core Outcome	
		1. Communication: 2. Community and Environmental Responsibility : 3. Critical Thinking and Problem Solving : 4. Cultural Awareness: 5. Professional Competence:	
<i>Degree Outcome: Students who complete this degree should be able to:</i>			
<ul style="list-style-type: none"> Evaluate building systems, including structural and mechanical, and apply such knowledge to building 		1, 3, 5	

design and construction requirements. Use efficient and safe construction skills and techniques on remodeling and/or new construction projects	
<ul style="list-style-type: none"> Identify and analyze technical and aesthetic project requirements, research industry specifications, and specify appropriate building and finish materials, equipment, and fixtures to meet client needs and building code requirements. 	1, 3, 5
<ul style="list-style-type: none"> Create kitchen and bath design solutions meeting client aesthetic and budgetary needs by using the National Kitchen and Bath Association guidelines and the elements & principles of design including universal and accessible design criteria. 	1, 3, 5
<ul style="list-style-type: none"> Prepare contract documents, using industry standards for written and graphic communication. Manage project schedule, subcontractors and suppliers. 	1, 3, 5
<ul style="list-style-type: none"> Practice ethical standards of business conduct and professional services. 	5
<ul style="list-style-type: none"> Exhibit organizational and written/oral communication skills required to bring design/build projects from initial concept to completion. 6.2.10 	1, 3, 5
Revised Outcomes:	
Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS degree outcomes.	
Degree Outcome	Core Outcome
<i>Students who complete this degree should be able to:</i>	

SECTION # 3 COURSE BY COURSE COMPARISON

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

If you are adding a course place it in the preferred term or category, identify such a course with (add) and bold the text in the line.

If you want to rearrange the order of courses within the term by term sequence do so on this form.

If you are removing a course identify the course with (remove) and bold the text.

If the course title is changed identify the course with (title change) and bold the text.

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

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

CURRENT DEGREE INFORMATION			PROPOSED DEGREE INFORMATION		
COURSE NUMBER	COURSE TITLE	CRE DITS	COURSE NUMBER	COURSE TITLE	CREDI TS
1st Term			1st Term		
ARCH100	Graphic Comm. for Designers	3	ARCH100	Graphic Comm. for Designers	3
BCT 102	Residential Printreading	3	BCT 102	Residential Printreading	3
BCT 103	Residential Mat & Methods	3	BCT 103	Residential Mat & Methods	3
BCT 104	Construction Mathematics	3	BCT 104	Construction Mathematics	3
BCT 106	Hand & Power Tool use and Safety	3	BCT 106	Hand & Power Tool use and Safety	3
2nd Term			2nd Term		
ARCH 110	Intro to Architectural Drawing	2	ARCH 110	Intro to Architectural Drawing	2
ARCH 132	Residential Building Codes	2	ARCH 132	Residential Building Codes	2
BCT 105	Vectorworks for Contractors Delete	3	CAD Ele	Cad Elective Add	3
ID 131	Introduction to Interiors Delete	3	BCT 127	Residential Concrete Add	6
SP 215	Small Group Communications	4	SP 215	Small Group Communications	4
3rd Term			3rd Term		
BCT 120	Floor Framing	3	BCT 120	Floor Framing	3
BCT 121	Wall Framing	3	BCT 121	Wall Framing	3
BCT 122	Roof Framing 1	3	BCT 122	Roof Framing 1	3
BCT 123	Roof Framing 2	3	BCT 123	Roof Framing 2	3
BCT 209	Vectorworks for Contractors 2 Delete	3	CAD Ele	Cad Elective Add	3
ID 133	Space Planning and Design Delete	3			
4th Term			4th Term		
BCT 128	Exterior Finish	6	BCT 128	Exterior Finish	6
BCT 129	Mech. Planning for Kit and Baths	4	BCT 129	Mech. Planning for Kit and Baths	4
BCT 202D	Bus Prin. for Design/Build Delete	3	BCT 229	Intro to Kitchens and Baths	2
BCT 229	Intro to Kitchens and Baths	2	Gen Ed	General Education	4
Gen Ed	General Education	4	BCT 202C	Bus. Prin. For Const. Management Add	3
5th Term			5th Term		
BCT 203	Interior Finish	6	BCT 203	Interior Finish	6
BCT 206	Sustainable Const. Practices Move	3	BCT 219	Cabinetmaking 1	6

BCT 219	Cabinetmaking 1	6	ID 238	Adv. Kitchen & Bath Design	3
ID 238	Adv. Kitchen & Bath Design	3	Gen Ed	General Education	4
6 th Term			6 th Term		
BCT 204B	Const. Estimating-Residential	3	BCT 204B	Const. Estimating-Residential	3
BCT 211	Remodeling	6	BCT 211	Remodeling	6
BCT 244	Kitchen & Bath Cabinet Installation	2	BCT 244	Kitchen & Bath Cabinet Installation	2
Gen Ed	General Education	8	BCT 206	Sustainable Const. Practices	3
			Gen Ed	General Education	4
				CAD Elective List	
				ARCH 126 Intro to AutoCAD	
				ARCH 136 Intermediate AutoCAD	
				BCT 105 Vectorworks for Contractors	
				BCT 209 Vectorworks for Contractors 2	
				ARCH 237--Introduction to Revit Architecture	
				ARCH 247--Intermediate Revit Architecture	
				ARCH 127--Introduction to Google Sketch-up	
	Credit Total	103		Credit Total	103

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

Is this a statewide degree?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Has the change been approved by the consortium?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is this a degree option?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, name of the base degree:	Building Construction Technology
Are there any career pathway(s) or related certificates attached to this degree?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, name of career pathway(s) or related certificate	
Requested Implementation Term (Please refer to Degree/Certificate timeline implementation guidelines)			Fall Term 2014

Submitted By:	Robert Steele
Email:	rsteele@pcc.edu

Next steps:

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



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SECTION # 1 OVERVIEW

Current Title:	Civil Engineering Technology	Proposed Title:	No change
Current Credits:	101	Proposed Credits:	No change
Overview and rationale for proposed changes:	Replace the chemistry requirement of CH 104 (Allied Health Chemistry) with CH 101 (Inorganic Chemistry Principles). We have worked with the chemistry department to tailor the curriculum of CH101 to meet the needs of the CMET program and its students.		
List of specific changes being proposed (i.e. may include, addition or deletion of courses, title changes, credit changes, prerequisite changes, outcome changes, course changes, etc). Use simple text such as Add, Remove, Change, Revise to inform the reader of the changes desired.	Add CH 101 Remove CH 104		
Are you adding or removing a course which is from another discipline? Consider this question for program prerequisites and required courses	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, have you communicated with the SAC or the dean? Are they aware of the financial and/or schedule impact of this change? Provide details of the conversation including who was contacted.	We have worked with Patty Maazouz, the chair of the chemistry department, to coordinate this change. Jim Schneider and other members of the Chemistry SAC have also been involved in changes made to CH101.

SECTION # 2 PREREQUISITES AND OUTCOMES

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

Current Prerequisites	Does the revision involve changing certificate prerequisites?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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Course Number	Course Title or Placement level	
WR 115 or equivalent placement test score.	Introduction to Expository Writing	
MTH60 or equivalent placement test score.	Introductory Algebra, first term	
	CET is a limited-entry program. Prospective students must meet with an engineering technology advisor prior to registering for any CMET courses.	
Proposed Prerequisites		
Course Number		
	No changes	
Current Outcomes: Required whether or not outcomes are being changed.	Describe what we intend students to be able to do “out there” (in life roles: worker, family member, community citizen, global citizen, and life-long learner), as opposed to a classroom activity “in here”? Good outcomes statements will suggest context to indicate this “out there” and they will describe what students can DO with what they know. The committee will review the outcomes. For guidance on writing good outcome statements.	Does the revision involve changing degree outcomes? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS degree outcomes.		
Degree Outcome	Core Outcome	
<i>Students who complete this degree should be able to:</i>		
<ul style="list-style-type: none"> Apply fundamental knowledge of mathematical, computational, scientific and engineering concepts to identify, formulate and design successful resolutions to real-world civil engineering problems. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Communication 	
<ul style="list-style-type: none"> Utilize appropriate laboratory techniques, engineering equipment and computational technology to collect, analyze, and interpret data to acquire scientific knowledge about a stated problem. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Communication 	
<ul style="list-style-type: none"> Utilize the knowledge of visualization skills, computer aided drawing programs and the ability to create and interpret engineering drawings, to design civil engineering projects within proper industry acceptable standards and conventions. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Communication 	

<ul style="list-style-type: none"> Apply effective and efficient communication skills, teamwork that fosters inclusion, project and time management skills, ethical engineering practices and professional responsibility in order to plan, design, fabricate, construct and operate engineering systems or components. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Community and Environmental Responsibility Cultural Awareness Communication
<ul style="list-style-type: none"> Practice sustainable engineering methodologies. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Community and Environmental Responsibility Cultural Awareness
<p>Revised Outcomes: Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS degree outcomes.</p>	
Degree Outcome	Core Outcome
<i>Students who complete this degree should be able to:</i>	
No change	

SECTION # 3 COURSE BY COURSE COMPARISON

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

If you are adding a course place it in the preferred term or category, identify such a course with (add) and bold the text in the line.

If you want to rearrange the order of courses within the term by term sequence do so on this form.

If you are removing a course identify the course with (remove) and bold the text.

If the course title is changed identify the course with (title change) and bold the text.

If the course credits have changed identify the course with (increase or decrease credit) and bold the text.

If you need more lines to accommodate the courses, right click and insert rows.

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

CURRENT DEGREE INFORMATION			PROPOSED DEGREE INFORMATION		
COURSE NUMBER	COURSE TITLE	CREDITS	COURSE NUMBER	COURSE TITLE	CREDITS
CMET 110	Statics	4	CMET 110	Statics	4
CMET 111	Engineering Tech Orientation	4	CMET 111	Engineering Tech Orientation	4

CMET 112	Technical Algebra/Trigonometry	4	CMET 112	Technical Algebra/Trigonometry	4
ENGR 102	Engineering Graphics	3	ENGR 102	Engineering Graphics	3
CH 104	Allied Health Chemistry (remove)	5	CH 101	Inorganic Chemistry Principles (add)	5
CMET 121	Strength of Materials	4	CMET 121	Strength of Materials	4
CMET 122	Technical Engineering Physics	4	CMET 122	Technical Engineering Physics	4
CMET 123	Tech Algebra w/Analyt Geometry	4	CMET 123	Tech Algebra w/Analyt Geometry	4
CMET 131	Applied Calculus	8	CMET 131	Applied Calculus	8
CMET 227	App Electricity Fundamentals	2	CMET 227	App Electricity Fundamentals	2
WR 121	English Composition	4	WR 121	English Composition	4
	General Education	4		General Education	4
CMET 280A	Co-op Ed, optional		CMET 280A	Co-op Ed, optional	
ENGR 226	Plane Surveying	4	ENGR 226	Plane Surveying	4
CMET 133	Materials Technology	3	CMET 133	Materials Technology	3
CMET 221	Environmental Systems	3	CMET 221	Environmental Systems	3
CMET 213	Fluid Mechanics	3	CMET 213	Fluid Mechanics	3
COMM 100 or COMM 111	Intro to Speech Comm. or Public Speaking	4	COMM 100 or COMM 111	Intro to Speech Comm. or Public Speaking	4
CMET 228	Construction Materials	3	CMET 228	Construction Materials	3
CMET 212	Thermodynamics I	4	CMET 212	Thermodynamics I	4
CMET 211	Environmental Quality	4	CMET 211	Environmental Quality	4
CMET 241	Structural Steel Drafting	3	CMET 241	Structural Steel Drafting	3
CMET 254	Civil/Mechanical Engr Tech Sem	1	CMET 254	Civil/Mechanical Engr Tech Sem	1
	General Education	3		General Education	3
CMET 214	Surveying II	3	CMET 214	Surveying II	3
CMET 233	CET Applied CAD	3	CMET 233	CET Applied CAD	3
CMET 222	Thermodynamics II	4	CMET 222	Thermodynamics II	4
CMET 223	Project Management	3	CMET 223	Project Management	3
CMET 236	Structural Design	3	CMET 236	Structural Design	3
	Credit Total	101		Credit Total	101

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

Is this a statewide degree?

Yes No

Has the change been approved by the
consortium?

Yes No

Is this a degree option?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, name of the base degree:	
Are there any career pathway(s) or related certificates attached to this degree?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, name of career pathway(s) or related certificate	Two-year certificate in Civil Engineering Technology
Requested Implementation Term (Please refer to Degree/Certificate timeline implementation guidelines)		For degree awarded Spring 2014	

Submitted By:	Jan Chambers, CMET SAC chair	
Email:	jchamber@pcc.edu	



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REVISION REQUEST FORM**

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

SECTION # 1 OVERVIEW

Current Title:	Civil Engineering Technology with Green Technology and Sustainability AASO	Proposed Title:	No change
Current Credits:	108	Proposed Credits:	No change
Overview and rationale for proposed changes:	Replace the chemistry requirement of CH 104 (Allied Health Chemistry) with CH 101 (Inorganic Chemistry Principles). We have worked with the chemistry department to tailor the curriculum of CH101 to meet the needs of the CMET program and its students.		
List of specific changes being proposed (i.e. may include, addition or deletion of courses, title changes, credit changes, prerequisite changes, outcome changes, course changes, etc). Use simple text such as Add, Remove, Change, Revise to inform the reader of the changes desired.	Add CH 101 Remove CH 104		
Are you adding or removing a course which is from another discipline? Consider this question for program prerequisites and required courses	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, have you communicated with the SAC or the dean? Are they aware of the financial and/or schedule impact of this change? Provide details of the conversation including who was contacted.	We have worked with Patty Maazouz, the chair of the chemistry department, to coordinate this change. Jim Schneider and other members of the Chemistry SAC have also been involved in changes made to CH101.

SECTION # 2 PREREQUISITES AND OUTCOMES

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

Current Prerequisites	Does the revision involve changing degree prerequisites?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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Course Number	Course Title or Placement level	
WR 121 or equivalent placement test score.	English Composition	
MTH60 or equivalent placement test score.	Introductory Algebra, first term	
	CET is a limited-entry program. Prospective students must meet with an engineering technology advisor prior to registering for any CMET courses.	
Proposed Prerequisites		
Course Number		
	No changes	
Current Outcomes: Required whether or not outcomes are being changed.	Describe what we intend students to be able to do “out there” (in life roles: worker, family member, community citizen, global citizen, and life-long learner), as opposed to a classroom activity “in here”? Good outcomes statements will suggest context to indicate this “out there” and they will describe what students can DO with what they know. The committee will review the outcomes. For guidance on writing good outcome statements.	Does the revision involve changing degree outcomes? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS degree outcomes.		
Degree Outcome	Core Outcome	
<i>Students who complete this degree should be able to:</i>		
<ul style="list-style-type: none"> Apply fundamental knowledge of mathematical, computational, scientific and engineering concepts to identify, formulate and design successful resolutions to real-world civil engineering problems. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Communication 	
<ul style="list-style-type: none"> Utilize appropriate laboratory techniques, engineering equipment and computational technology to collect, analyze, and interpret data to acquire scientific knowledge about a stated problem. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Communication 	

<ul style="list-style-type: none"> Utilize the knowledge of visualization skills, computer aided drawing programs and the ability to create and interpret engineering drawings, to design civil engineering projects within proper industry acceptable standards and conventions. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Communication
<ul style="list-style-type: none"> Apply effective and efficient communication skills, teamwork that fosters inclusion, project and time management skills, ethical engineering practices and professional responsibility in order to plan, design, fabricate, construct and operate engineering systems or components. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Community and Environmental Responsibility Cultural Awareness Communication
<ul style="list-style-type: none"> Practice sustainable engineering methodologies with a holistic understanding of the impact of engineering solutions in a global, societal, and environmental context using the latest in green technology and GIS software. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Community and Environmental Responsibility Cultural Awareness

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

Degree Outcome	Core Outcome
No change	

SECTION # 3 COURSE BY COURSE COMPARISON

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

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


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

CURRENT DEGREE INFORMATION			PROPOSED DEGREE INFORMATION		
COURSE NUMBER	COURSE TITLE	CREDITS	COURSE NUMBER	COURSE TITLE	CREDITS
CH 104	Allied Health Chemistry (remove)	5	CH 101	Inorganic Chemistry Principles (add)	5
CMET 110	Statics	4	CMET 110	Statics	4
CMET 111	Engineering Tech Orientation	4	CMET 111	Engineering Tech Orientation	4
CMET 112	Technical Algebra/Trigonometry	4	CMET 112	Technical Algebra/Trigonometry	4
ENGR 102	Engineering Graphics	3	ENGR 102	Engineering Graphics	3
CMET 121	Strength of Materials	4	CMET 121	Strength of Materials	4
CMET 122	Technical Engineering Physics	4	CMET 122	Technical Engineering Physics	4
CMET 123	Tech Algebra w/Analyt Geometry	4	CMET 123	Tech Algebra w/Analyt Geometry	4
CMET 131	Applied Calculus	8	CMET 131	Applied Calculus	8
ENGR 226	Plane Surveying (add)	4	ENGR 226	Plane Surveying (add)	4
CMET 133	Materials Technology	3	CMET 133	Materials Technology	3
CMET 211	Environmental Quality	4	CMET 211	Environmental Quality	4
CMET 212	Thermodynamics I	4	CMET 212	Thermodynamics I	4
CMET 213	Fluid Mechanics	3	CMET 213	Fluid Mechanics	3
CMET 214	Route Surveying	3	CMET 214	Route Surveying	3
CMET 221	Environmental Systems	3	CMET 221	Environmental Systems	3
CMET 222	Thermodynamics II	4	CMET 222	Thermodynamics II	4
CMET 223	Project Management	3	CMET 223	Project Management	3
CMET 227	Applied Electricity Fundamentals	2	CMET 227	Applied Electricity Fundamentals	2
CMET 228	Construction Materials	3	CMET 228	Construction Materials	3
CMET 233	CET Applied CAD	3	CMET 233	CET Applied CAD	3
CMET 236	Structural Design	3	CMET 236	Structural Design	3
CMET 241	Structural Steel Drafting	3	CMET 241	Structural Steel Drafting	3
CMET 254	Civil/Mechanical Engr Tech Sem	1	CMET 254	Civil/Mechanical Engr Tech Sem	1
EET 110	Intro to Renewable Energy	3	EET 110	Intro to Renewable Energy	3
GEO 265	Intro to GIS	4	GEO 265	Intro to GIS	4
SOC 228	Intro to Environ Sociology	4	SOC 228	Intro to Environ Sociology	4
COMM 100 or COMM 111	Intro to Speech Comm. or Public Speaking	4	COMM 100 or COMM 111	Intro to Speech Comm. or Public Speaking	4
	General Education	7		General Education	7
CMET 280A	Co-op Ed, optional		CMET 280A	Co-op Ed, optional	
	Credit Total	108		Total Credit	108

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

Is this a statewide degree?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Has the change been approved by the consortium?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is this a degree option?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, name of the base degree:	AAS Civil Engineering Technology
Are there any career pathway(s) or related certificates attached to this degree?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, name of career pathway(s) or related certificate	Two-year certificate in Civil Engineering Technology
Requested Implementation Term (Please refer to Degree/Certificate timeline implementation guidelines)			For degree awarded Spring 2014

Submitted By:	Jan Chambers, CMET SAC chair
Email:	jchamber@pcc.edu

		CERTIFICATE REVISION REQUEST FORM		Directions: Fill out completely and return electronically to: dac@pcc.edu Signature pages should be intercampus mailed to: Curriculum Office DC 4th floor	
SECTION #1 OVERVIEW					
Current Title:	Civil Engineering Technology Two-Year Certificate	Proposed Title:	No change		
Current Credits:	67	Proposed Credits:	No change		
Overview and rationale for proposed changes:	Replace the chemistry requirement of CH 104 (Allied Health Chemistry) with CH 101 (Inorganic Chemistry Principles). We have worked with the chemistry department to tailor the curriculum of CH101 to meet the needs of the CMET program and its students.				
List of specific changes being proposed which may include, addition or deletion of courses, title changes, credit changes, prerequisite changes, outcome changes, course changes etc. Use consistent words – Add, Remove, Increase, Decrease, Change	Add CH 101 Remove CH 104				
Are you adding or removing a course which is from another discipline? Consider this question for program prerequisites and required courses	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, have you communicated with the SAC or the dean? Are they aware of the financial and/or schedule impact of this change? Provide details of the conversation including who was contacted.	We have worked with Patty Maazouz, the chair of the chemistry department, to coordinate this change. Jim Schneider and other members of the Chemistry SAC have also been involved in changes made to CH101.		
SECTION #2 REVISION AREAS					

Prerequisites			
Current Prerequisites	Does the revision involve changing certificate prerequisites?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Course Number	Course Title or Placement level		
WR 115 or equivalent placement test score.	Introduction to Expository Writing		
MTH60 or equivalent placement test score.	Introductory Algebra, first term		
	CET is a limited-entry program. Prospective students must meet with an engineering technology advisor prior to registering for any CMET courses.		
Proposed Prerequisites			
Course Number	Course Title or Placement level		
	No changes		
Current Outcomes: Required whether or not outcomes are being changed.	Describe what we intend students to be able to do "out there" (in life roles: worker, family member, community citizen, global citizen, and life-long learner), as opposed to a classroom activity "in here"? Good outcomes statements will suggest context to indicate this "out there" and they will describe what students can DO with what they know. The committee will review the outcomes. For guidance on writing good outcome statements.	Does the revision involve changing certificate outcomes?	
		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Identify which certificate outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the certificate outcomes.			
Certificate Outcome		Core Outcome	
<i>Students who complete this certificate should be able to:</i>			
<ul style="list-style-type: none"> Apply fundamental knowledge of mathematical, computational, scientific and engineering concepts to real-world civil 		<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence 	

engineering problems.	<ul style="list-style-type: none"> • Communication
<ul style="list-style-type: none"> • Utilize the knowledge of visualization skills and computer aided drawing programs, within proper industry acceptable standards and conventions. 	<ul style="list-style-type: none"> • Critical Thinking and Problem Solving • Professional Competence • Communication
<ul style="list-style-type: none"> • Apply effective and efficient communication skills, teamwork that fosters inclusion, time management skills, ethical engineering practices and professional responsibility. 	<ul style="list-style-type: none"> • Critical Thinking and Problem Solving • Professional Competence • Community and Environmental Responsibility • Cultural Awareness • Communication
<ul style="list-style-type: none"> • Practice sustainable engineering methodologies. 	<ul style="list-style-type: none"> • Critical Thinking and Problem Solving • Professional Competence • Community and Environmental Responsibility • Cultural Awareness

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

Certificate Outcome	Core Outcome

Related Instruction

Does the revision involve changing or adding Related Instruction?

Yes No

If yes, a template for Related Instruction will need to be filled out. The template can be found at:
<http://www.pcc.edu/recources/academic/eac/degree/forms.html>

Additional Comments Or Changes

SECTION #3 COURSE BY COURSE COMPARISON

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

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

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

Current Certificate Information			Proposed Certificate Information		
Course Number	Course Title	Credits	Course Number	Course Title	Credits
CMET 110	Statics	4	CMET 110	Statics	4
CMET 111	Engineering Tech Orientation	4	CMET 111	Engineering Tech Orientation	4
CMET 112	Technical Algebra/Trigonometry	4	CMET 112	Technical Algebra/Trigonometry	4
ENGR 102	Engineering Graphics	3	ENGR 102	Engineering Graphics	3
CMET 121	Strength of Materials	4	CMET 121	Strength of Materials	4

CMET 122	Technical Engineering Physics	4	CMET 122	Technical Engineering Physics	4
CMET 123	Tech Algebra w/Analyt Geometry	4	CMET 123	Tech Algebra w/Analyt Geometry	4
CH 104	Allied Health Chemistry (remove)	5	CH 101	Inorganic Chemistry Principles (add)	5
CMET 131	Applied Calculus	8	CMET 131	Applied Calculus	8
CMET 227	App Electricity Fundamentals	2	CMET 227	App Electricity Fundamentals	2
WR 121	English Composition	4	WR 121	English Composition	4
	General Education (Social Science)	4		General Education (Social Science)	4
ENGR 226	Plane Surveying	4	ENGR 226	Plane Surveying	4
CMET 133	Materials Technology	3	CMET 133	Materials Technology	3
CMET 221	Environmental Systems	3	CMET 221	Environmental Systems	3
CMET 213	Fluid Mechanics	3	CMET 213	Fluid Mechanics	3
COMM 100 or COMM 111	Intro to Speech Comm. or Public Speaking	4	COMM 100 or COMM 111	Intro to Speech Comm. or Public Speaking	4
	Credit total	67		Credit total	67

SECTION #4 (Please contact the Curriculum Office for support in filling out this section)			
Is this a Related Certificate?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Is this a Career Pathway?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, what is the base degree?	AAS Civil Engineering Technology	Will the proposed change affect the Career Pathway or Related Certificate? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If yes, how?			
Is this a statewide certificate?		If yes, has the change been approved by the consortium?	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Requested Implementation Term (Please refer to Degree/Certificate timeline implementation guidelines)	For certificate awarded Spring 2014
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Submitted by:	Jan Chambers, CMET SAC chair	
Email:	jchamber@pcc.edu	
Phone:	x4681	

1.



**ASSOCIATE OF APPLIED SCIENCE DEGREE
REVISION REQUEST FORM**

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

SECTION # 1 OVERVIEW

Current Title:	Mechanical Engineering Technology	Proposed Title:	No change
Current Credits:	101	Proposed Credits:	No change
Overview and rationale for proposed changes:	Replace the chemistry requirement of CH 104 (Allied Health Chemistry) with CH 101 (Inorganic Chemistry Principles). We have worked with the chemistry department to tailor the curriculum of CH101 to meet the needs of the CMET program and its students.		
List of specific changes being proposed (i.e. may include, addition or deletion of courses, title changes, credit changes, prerequisite changes, outcome changes, course changes, etc). Use simple text such as Add, Remove, Change, Revise to inform the reader of the changes desired.	Add CH 101 Remove CH 104		
Are you adding or removing a course which is from another discipline? Consider this question for program prerequisites and required courses	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, have you communicated with the SAC or the dean? Are they aware of the financial and/or schedule impact of this change? Provide details of the conversation including who was contacted.	We have worked with Patty Maazouz, the chair of the chemistry department, to coordinate this change. Jim Schneider and other members of the Chemistry SAC have also been involved in changes made to CH101.

SECTION # 2 PREREQUISITES AND OUTCOMES

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

Current Prerequisites	Does the revision involve changing certificate prerequisites?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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Course Number	Course Title or Placement level	
WR 115 or equivalent placement test score.	Introduction to Expository Writing	
MTH60 or equivalent placement test score.	Introductory Algebra, first term	
	MET is a limited-entry program. Prospective students must meet with an engineering technology advisor prior to registering for any CMET courses.	
Proposed Prerequisites		

Course Number		
	No changes	

Current Outcomes: Required whether or not outcomes are being changed.	Describe what we intend students to be able to do “out there” (in life roles: worker, family member, community citizen, global citizen, and life-long learner), as opposed to a classroom activity “in here”? Good outcomes statements will suggest context to indicate this “out there” and they will describe what students can DO with what they know. The committee will review the outcomes. For guidance on writing good outcome statements.	Does the revision involve changing degree outcomes? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS degree outcomes.

Degree Outcome	Core Outcome
<i>Students who complete this degree should be able to:</i>	
<ul style="list-style-type: none"> Apply fundamental knowledge of mathematical, computational, scientific and engineering concepts to identify, formulate and design successful resolutions to real-world mechanical or manufacturing engineering problems. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Communication

<ul style="list-style-type: none"> Utilize appropriate laboratory techniques, engineering equipment and computational technology to collect, analyze, and interpret data to acquire scientific knowledge about a stated problem. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Communication
<ul style="list-style-type: none"> Utilize the knowledge of visualization skills, computer aided drawing programs and the ability to create and interpret engineering drawings, to design machines and manufacturing processes within proper industry acceptable standards and conventions. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Communication
<ul style="list-style-type: none"> Apply effective and efficient communication skills, teamwork that fosters inclusion, project and time management skills, ethical engineering practices and professional responsibility in order to plan, design, fabricate, construct and operate engineering systems or components. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Community and Environmental Responsibility Cultural Awareness Communication
<ul style="list-style-type: none"> Practice sustainable engineering methodologies. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Community and Environmental Responsibility Cultural Awareness

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

Degree Outcome	Core Outcome
<i>Students who complete this degree should be able to:</i>	
No change	

SECTION # 3 COURSE BY COURSE COMPARISON

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

If you are adding a course place it in the preferred term or category, identify such a course with (add) and bold the text in the line.

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

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

CURRENT DEGREE INFORMATION			PROPOSED DEGREE INFORMATION		
COURSE NUMBER	COURSE TITLE	CREDITS	COURSE NUMBER	COURSE TITLE	CREDITS
CMET 110	Statics	4	CMET 110	Statics	4
CMET 111	Engineering Tech Orientation	4	CMET 111	Engineering Tech Orientation	4
CMET 112	Technical Algebra/Trigonometry	4	CMET 112	Technical Algebra/Trigonometry	4
ENGR 102	Engineering Graphics	3	ENGR 102	Engineering Graphics	3
CH 104	Allied Health Chemistry (remove)	5	CH 101	Inorganic Chemistry Principles (add)	5
CMET 121	Strength of Materials	4	CMET 121	Strength of Materials	4
CMET 122	Technical Engineering Physics	4	CMET 122	Technical Engineering Physics	4
CMET 123	Tech Algebra w/Analyt Geometry	4	CMET 123	Tech Algebra w/Analyt Geometry	4
CMET 131	Applied Calculus	8	CMET 131	Applied Calculus	8
CMET 227	App Electricity Fundamentals	2	CMET 227	App Electricity Fundamentals	2
WR 121	English Composition	4	WR 121	English Composition	4
	General Education	4		General Education	4
CMET 280A	Co-op Ed, optional		CMET 280A	Co-op Ed, optional	
CMET 226	Dynamics	3	CMET 226	Dynamics	3
CMET 133	Materials Technology	3	CMET 133	Materials Technology	3
CMET 221	Environmental Systems	3	CMET 221	Environmental Systems	3
CMET 213	Fluid Mechanics	3	CMET 213	Fluid Mechanics	3
COMM 100 or COMM 111	Intro to Speech Comm. or Public Speaking	4	COMM 100 or COMM 111	Intro to Speech Comm. or Public Speaking	4
ENGR 262	Manufacturing Processes	4	ENGR 262	Manufacturing Processes	4
CMET 212	Thermodynamics I	4	CMET 212	Thermodynamics I	4
CMET 211	Environmental Quality	4	CMET 211	Environmental Quality	4
CMET 241	Structural Steel Drafting	3	CMET 241	Structural Steel Drafting	3
CMET 254	Civil/Mechanical Engr Tech Sem	1	CMET 254	Civil/Mechanical Engr Tech Sem	1
	General Education	3		General Education	3
CMET 235	Machine Design	3	CMET 235	Machine Design	3

CMET 237	MET Applied CAD	3	CMET 237	MET Applied CAD	3
CMET 222	Thermodynamics II	4	CMET 222	Thermodynamics II	4
CMET 223	Project Management	3	CMET 223	Project Management	3
CMET 236	Structural Design	3	CMET 236	Structural Design	3
Credit Total		101	Total		101

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

Is this a statewide degree?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Has the change been approved by the consortium?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is this a degree option?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, name of the base degree:	
Are there any career pathway(s) or related certificates attached to this degree?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, name of career pathway(s) or related certificate	Two-year certificate in Mechanical Engineering Technology
Requested Implementation Term (Please refer to Degree/Certificate timeline implementation guidelines)			For degree awarded Spring 2014

Submitted By:	Jan Chambers, CMET SAC chair
Email:	jchamber@pcc.edu



**ASSOCIATE OF APPLIED SCIENCE DEGREE
REVISION REQUEST FORM**

Directions: Fill out completely and ^{10/7}
return electronically to:
dac@pcc.edu
Signature pages should be intercampus mailed to:
Curriculum Office DC / 4th floor

SECTION # 1 OVERVIEW

Current Title:	Mechanical Engineering Technology with Green Technology and Sustainability option	Proposed Title:	No change
Current Credits:	108	Proposed Credits:	No change
Overview and rationale for proposed changes:	Replace the chemistry requirement of CH 104 (Allied Health Chemistry) with CH 101 (Inorganic Chemistry Principles). We have worked with the chemistry department to tailor the curriculum of CH101 to meet the needs of the CMET program and its students.		
List of specific changes being proposed (i.e. may include, addition or deletion of courses, title changes, credit changes, prerequisite changes, outcome changes, course changes, etc). Use simple text such as Add, Remove, Change, Revise to inform the reader of the changes desired.	Add CH 101 Remove CH 104		
Are you adding or removing a course which is from another discipline? Consider this question for program prerequisites and required courses	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, have you communicated with the SAC or the dean? Are they aware of the financial and/or schedule impact of this change? Provide details of the conversation including who was contacted.	We have worked with Patty Maazouz, the chair of the chemistry department, to coordinate this change. Jim Schneider and other members of the Chemistry SAC have also been involved in changes made to CH101.

SECTION # 2 PREREQUISITES AND OUTCOMES

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

Current Prerequisites	Does the revision involve changing certificate prerequisites?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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		10/7
Course Number	Course Title or Placement level	
WR 121 or equivalent placement test score.	English Composition	
MTH60 or equivalent placement test score.	Introductory Algebra, first term	
	MET is a limited-entry program. Prospective students must meet with an engineering technology advisor prior to registering for any CMET courses.	
Proposed Prerequisites		
Course Number		
	No changes	
Current Outcomes: Required whether or not outcomes are being changed.	Describe what we intend students to be able to do “out there” (in life roles: worker, family member, community citizen, global citizen, and life-long learner), as opposed to a classroom activity “in here”? Good outcomes statements will suggest context to indicate this “out there” and they will describe what students can DO with what they know. The committee will review the outcomes. For guidance on writing good outcome statements.	Does the revision involve changing degree outcomes? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Identify which college AAS degree outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the AAS degree outcomes.		
Degree Outcome	Core Outcome	
<i>Students who complete this degree should be able to:</i>		
<ul style="list-style-type: none"> Apply fundamental knowledge of mathematical, computational, scientific and engineering concepts to identify, formulate and design successful resolutions to real-world mechanical or manufacturing engineering problems. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Communication 	
<ul style="list-style-type: none"> Utilize appropriate laboratory techniques, engineering equipment and computational technology to collect, analyze, and interpret data to acquire scientific knowledge about a stated problem. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Communication 	

<ul style="list-style-type: none"> Utilize the knowledge of visualization skills, computer aided drawing programs and the ability to create and interpret engineering drawings, to design machines and manufacturing processes within proper industry acceptable standards and conventions. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Communication
<ul style="list-style-type: none"> Apply effective and efficient communication skills, teamwork that fosters inclusion, project and time management skills, ethical engineering practices and professional responsibility in order to plan, design, fabricate, construct and operate engineering systems or components. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Community and Environmental Responsibility Cultural Awareness Communication
<ul style="list-style-type: none"> Practice sustainable engineering methodologies with a holistic understanding of the impact of engineering solutions in a global, societal, and environmental context using the latest in green technology and GIS software. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Community and Environmental Responsibility Cultural Awareness

Revised Outcomes:

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

Degree Outcome	Core Outcome
<i>Students who complete this degree should be able to:</i>	
No change	

SECTION # 3 COURSE BY COURSE COMPARISON

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

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

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

CURRENT DEGREE INFORMATION

PROPOSED DEGREE INFORMATION

COURSE NUMBER	COURSE TITLE	CREDITS	COURSE NUMBER	COURSE TITLE	CREDITS
CH 104	Allied Health Chemistry (remove)	5	CH 101	Inorganic Chemistry Principles (add)	5
CMET 110	Statics	4	CMET 110	Statics	4
CMET 111	Engineering Tech Orientation	4	CMET 111	Engineering Tech Orientation	4
CMET 112	Technical Algebra/Trigonometry	4	CMET 112	Technical Algebra/Trigonometry	4
ENGR 102	Engineering Graphics	3	ENGR 102	Engineering Graphics	3
CMET 121	Strength of Materials	4	CMET 121	Strength of Materials	4
CMET 122	Technical Engineering Physics	4	CMET 122	Technical Engineering Physics	4
CMET 123	Tech Algebra w/Analyt Geometry	4	CMET 123	Tech Algebra w/Analyt Geometry	4
CMET 131	Applied Calculus	8	CMET 131	Applied Calculus	8
CMET 133	Materials Technology	3	CMET 133	Materials Technology	3
CMET 211	Environmental Quality	4	CMET 211	Environmental Quality	4
CMET 212	Thermodynamics I	4	CMET 212	Thermodynamics I	4
CMET 213	Fluid Mechanics	3	CMET 213	Fluid Mechanics	3
ENGR 262	Manufacturing Processes	4	ENGR 262	Manufacturing Processes	4
CMET 221	Environmental Systems	3	CMET 221	Environmental Systems	3
CMET 222	Thermodynamics II	4	CMET 222	Thermodynamics II	4
CMET 223	Project Management	3	CMET 223	Project Management	3
CMET 226	Dynamics	3	CMET 226	Dynamics	3
CMET 227	Applied Electricity Fundamentals	2	CMET 227	Applied Electricity Fundamentals	2
CMET 235	Machine Design	3	CMET 235	Machine Design	3
CMET 236	Structural Design	3	CMET 236	Structural Design	3
CMET 237	MET Applied CAD	3	CMET 237	MET Applied CAD	3
CMET 241	Structural Steel Drafting	3	CMET 241	Structural Steel Drafting	3
CMET 254	Civil/Mechanical Engr Tech Sem	1	CMET 254	Civil/Mechanical Engr Tech Sem	1
EET 110	Intro to Renewable Energy	3	EET 110	Intro to Renewable Energy	3
GEO 265	Intro to GIS	4	GEO 265	Intro to GIS	4
SOC 228	Intro to Environ Sociology	4	SOC 228	Intro to Environ Sociology	4
COMM 100 or COMM 111	Intro to Speech Comm. or Public Speaking	4	COMM 100 or COMM 111	Intro to Speech Comm. or Public Speaking	4
	General Education	7		General Education	7
CMET 280A	Co-op Ed, optional		CMET 280A	Co-op Ed, optional	
	Credit Total	108		Credit	108

				Total	10/7
SECTION # 4 (Please contact the Curriculum Office for support in filling out this section if needed.)					
Is this a statewide degree?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Has the change been approved by the consortium?		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Is this a degree option?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, name of the base degree:		AAS Mechanical Engineering Technology	
Are there any career pathway(s) or related certificates attached to this degree?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, name of career pathway(s) or related certificate		Two-year certificate in Mechanical Engineering Technology	
Requested Implementation Term (Please refer to Degree/Certificate timeline implementation guidelines)				For degree awarded Spring 2014	

Submitted By:	Jan Chambers
Email:	jchamber@pcc.edu



**CERTIFICATE
REVISION REQUEST
FORM**

Directions: Fill out completely and
return electronically to:
dac@pcc.edu

Signature pages should be intercampus mailed to:
Curriculum Office DC 4th floor

SECTION #1 OVERVIEW

Current Title:	Mechanical Engineering Technology Two-Year Certificate	Proposed Title:	No change
Current Credits:	66	Proposed Credits:	No change
Overview and rationale for proposed changes:	Replace the chemistry requirement of CH 104 (Allied Health Chemistry) with CH 101 (Inorganic Chemistry Principles). We have worked with the chemistry department to tailor the curriculum of CH101 to meet the needs of the CMET program and its students.		
List of specific changes being proposed which may include, addition or deletion of courses, title changes, credit changes, prerequisite changes, outcome changes, course changes etc. Use consistent words – Add, Remove, Increase, Decrease, Change	Add CH 101 Remove CH 104		
Are you adding or removing a course which is from another discipline? Consider this question for program prerequisites and required courses	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If yes, have you communicated with the SAC or the dean? Are they aware of the financial and/or schedule impact of this change? Provide details of the conversation including who was contacted.	We have worked with Patty Maazouz, the chair of the chemistry department, to coordinate this change. Jim Schneider and other members of the Chemistry SAC have also been involved in changes made to CH101.

SECTION #2 REVISION AREAS

Prerequisites			
Current Prerequisites	Does the revision involve changing certificate prerequisites?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Course Number	Course Title or Placement level		
WR 115 or equivalent placement test score.	Introduction to Expository Writing		
MTH60 or equivalent placement test score.	Introductory Algebra, first term		
	MET is a limited-entry program. Prospective students must meet with an engineering technology advisor prior to registering for any CMET courses.		
Proposed Prerequisites			
Course Number	Course Title or Placement level		
	No changes		
Current Outcomes: Required whether or not outcomes are being changed.	Describe what we intend students to be able to do "out there" (in life roles: worker, family member, community citizen, global citizen, and life-long learner), as opposed to a classroom activity "in here"? Good outcomes statements will suggest context to indicate this "out there" and they will describe what students can DO with what they know. The committee will review the outcomes. For guidance on writing good outcome statements.	Does the revision involve changing certificate outcomes? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Identify which certificate outcome aligns to individual core outcomes. It is possible that all core outcomes may not be address by the certificate outcomes.			
Certificate Outcome		Core Outcome	
<i>Students who complete this certificate should be able to:</i>			
<ul style="list-style-type: none"> Apply fundamental knowledge of mathematical, computational, scientific and engineering concepts to real-world mechanical or manufacturing engineering problems. 		<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Communication 	

<ul style="list-style-type: none"> Utilize the knowledge of visualization skills and computer aided drawing programs, within proper industry acceptable standards and conventions. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Communication
<ul style="list-style-type: none"> Apply effective and efficient communication skills, teamwork that fosters inclusion, time management skills, ethical engineering practices and professional responsibility. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Community and Environmental Responsibility Cultural Awareness Communication
<ul style="list-style-type: none"> Practice sustainable engineering methodologies. 	<ul style="list-style-type: none"> Critical Thinking and Problem Solving Professional Competence Community and Environmental Responsibility Cultural Awareness

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

Certificate Outcome	Core Outcome
No change	

Related Instruction

Does the revision involve changing or adding Related Instruction?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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If yes, a template for Related Instruction will need to be filled out. The template can be found at:
<http://www.pcc.edu/recources/academic/eac/degree/forms.html>

Additional Comments Or Changes

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SECTION #3 COURSE BY COURSE COMPARISON

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If you are adding a course place it in the preferred term or category, identify such a course with (add) and bold the text in the line.

If you want to rearrange the order of courses within the term by term sequence do so on this form.

If you are removing a course identify the course with (remove) and bold the text.

If the course title is changed identify the course with (title change) and bold the text.

If the course credits have changed identify the course with (increase or decrease credit) and bold the text.

If you need more lines to accommodate the courses, right click and insert rows.

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

Current Certificate Information			Proposed Certificate Information		
Course Number	Course Title	Credits	Course Number	Course Title	Credits
CMET 110	Statics	4	CMET 110	Statics	4
CMET 111	Engineering Tech Orientation	4	CMET 111	Engineering Tech Orientation	4
CMET 112	Technical Algebra/Trigonometry	4	CMET 112	Technical Algebra/Trigonometry	4
ENGR 102	Engineering Graphics	3	ENGR 102	Engineering Graphics	3
CMET 121	Strength of Materials	4	CMET 121	Strength of Materials	4
CMET 122	Technical Engineering Physics	4	CMET 122	Technical Engineering Physics	4
CMET 123	Tech Algebra w/Analyt Geometry	4	CMET 123	Tech Algebra w/Analyt Geometry	4
CH 104	Allied Health Chemistry (remove)	5	CH 101	Inorganic Chemistry Principles (add)	5
CMET 131	Applied Calculus	8	CMET 131	Applied Calculus	8
CMET 227	App Electricity Fundamentals	2	CMET 227	App Electricity Fundamentals	2
WR 121	English Composition	4	WR 121	English Composition	4
	General Education (Social Science)	4		General Education (Social Science)	4
CMET 226	Dynamics	3	CMET 226	Dynamics	3
CMET 133	Materials Technology	3	CMET 133	Materials Technology	3
CMET 221	Environmental Systems	3	CMET 221	Environmental Systems	3
CMET 213	Fluid Mechanics	3	CMET 213	Fluid Mechanics	3
COMM 100 or COMM 111	Intro to Speech Comm. or Public Speaking	4	COMM 100 or COMM 111	Intro to Speech Comm. or Public Speaking	4
	Credit total	66		Credit total	66

SECTION #4 (Please contact the Curriculum Office for support in filling out this section)			
Is this a Related Certificate?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Is this a Career Pathway?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, what is the base degree?	AAS Mechanical Engineering Technology	Will the proposed change affect the Career Pathway or Related Certificate? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If yes, how?			
Is this a statewide certificate? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		If yes, has the change been approved by the consortium? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Requested Implementation Term (Please refer to Degree/Certificate timeline implementation guidelines)		For certificate awarded Spring 2014	

Submitted by:	Jan Chambers, CMET SAC chair	
Email:	jchamber@pcc.edu	
Phone:	x4681	

TO: Degrees and Certificates Committee

FROM: Lori Gates, Tillamook Bay Community College, Chief Academic Officer

SUBJECT: Certificate and Degree Suspensions at TBCC

DATE: August 26, 2013

Rationale: The Tillamook Bay Community College Curriculum Committee in consultation with faculty determined that it would be in our students' best interest to suspend the following programs:


- Alcohol and Drug Counselor (AAS Degree)
- Computer Applications/Office Systems
 - Administrative Assistant (AAS Degree)
 - Administrative Assistant (One-Year Certificate)
 - Basic Computer Literacy (Career Pathway Certificate) [no students]
 - Office Assistant (Career Pathway Certificate)
 - Spreadsheet (Career Pathway Certificate) [no students]
 - Web Assistant I (Career Pathway Certificate) [no students]
 - Web Assistant II (Career Pathway Certificate) [no students]
 - Word Processing (Career Pathway Certificate) [no students]
 - Virtual Assistant (Less-Than-One-Year Certificate) [no students]
- Computer Information Systems One-Year Certificate
- Early Education and Family Studies
 - Less-Than-One-Year Certificate [no students]
 - AAS Degree
- Employment Skills Training (Less-Than-One-Year Certificate) [no students]
- Facilities Maintenance: HVAC Installer (Career Pathway Certificate) [no students]
- Green Technician (One-Year Certificate) [no students]
- Machine Mnfctng Tech: Manufacturing Technician (Career Pathway Certificate) [no students]
- Marketing
 - One-Year Certificate [no students]
 - AAS Degree

This request is due to a number of factors, including low enrollment patterns in the programs, inability of TBCC to offer the majority of courses in the programs independent of PCC, and (because of low enrollment) the programs are not Title IV-eligible at TBCC. Several programs have had no students for a year or more at TBCC (see above). The suspension is effective Summer Term 2013.

Teach-out Plan: A teach-out plan, required by the Office of Community Colleges and Workforce Development, has been reviewed and approved by the TBCC Curriculum Committee. No new students will be accepted beginning Summer Term 2013. Students currently enrolled must complete required coursework by the end of the 2014 - 2015 academic year.

The plan includes notification:

- In the TBCC Catalog 2013-2014
- To TBCC Student Services and faculty
- To all current majors, faculty (including adjuncts), and advisory committee members in the form of emails
- To all current majors in the form of emails, written letter, and via phone
- Individual advising meetings with all current students seeking to complete a suspended program are being scheduled to outline plans/timeline for completion of the individual's course of study

		<h2 style="margin: 0;">CONSENT AGENDA FORM</h2> <p style="margin: 0;">This form may be used instead of coming to the Degree and Certificate Meeting.</p> <p style="margin: 0;">Directions: Fill out completely and return electronically to: dac@pcc.edu</p>		<p style="margin: 0;">Consent Agenda form may be used for the following:</p> <ol style="list-style-type: none"> 1. Course title changes 2. Course number changes 3. Addition/Deletion of an elective 4. Change in the number of pass/no pass credits other than the default 5. Degree or certificate title changes 6. Change to open admissions <p style="margin: 0;">Other changes need to come before the Degree and Certificate Committee.</p>			
Submitted by:		Christina Friedle		Email: Christina.friedle@pcc.edu		Phone: 971-722-4072	
Title of Degree/Certificate:		Geographic Information Systems		Requested Implementation Term:		Winter 2014	
What type of change are you requesting?		<input type="checkbox"/> Course title change <input checked="" type="checkbox"/> Addition of an elective <input type="checkbox"/> Degree or certificate title change		<input type="checkbox"/> Course number change <input type="checkbox"/> Deletion of an elective <input type="checkbox"/> Other			
<p style="margin: 0;">Fill in the sections below as applicable. If a section is not applicable, fill in N/A.</p>							
Current Course Title:				Proposed Course Title:			
Current Course Number:				Proposed Course Number:			
Electives List Title:		Geo 240 – Cartographic Principles & Applications, Geo 210 – Natural Environment, Geo 250 – Geography of Africa,					
Explanation of Other:							