



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM
(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

This form should be completed electronically and the boxes will expand to accommodate text.

Current instructions, forms, handouts and other useful resources are located at

<http://www.ode.state.or.us/search/results/?id=231>

College:	Clackamas Community College	Date	1/9/2018
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CAREER LEARNING AREA

<input type="checkbox"/> Ag, Food & Natural Resource Systems	<input type="checkbox"/> Health Services
<input type="checkbox"/> Arts, Information & Communications	<input type="checkbox"/> Human Resources
<input type="checkbox"/> Business & Management	<input type="checkbox"/> Industrial & Engineering Systems

PROGRAM INFORMATION

<u>APPROVED</u> Program Title <small>(For Official Program Title, refer to your directory at http://www.ode.state.or.us/search/results/?id=232)</small>	<u>APPROVED</u> CIP Code (Include 7 th & 8 th digits used for OCCURS reporting.)			<u>APPROVED</u> Recognition Award	<u>Current</u> Credits
	6-digit CIP	7 th digit	8 th digit		
AAS Title:				<input type="checkbox"/> Associate of Applied Science (AAS) Degree	
Option Title**				<input type="checkbox"/> OPTION to AAS Degree	
Certificate Title: <u>Within</u> AAS Degree? <input type="checkbox"/> Yes** <input checked="" type="checkbox"/> No Geographic Information Systems (GIS) Technology	15.1102			<input checked="" type="checkbox"/> Certificate of Completion	49

**Enter name of base degree in 'AAS Title' box

TYPE OF PROGRAM AMENDMENT

(Check ALL That Apply)

<input type="checkbox"/> New Program++	<input type="checkbox"/> Curriculum Revision	<input checked="" type="checkbox"/> Revision in Program Credits
<input type="checkbox"/> Title Change for Program		Proposed Total Credits: 47
Proposed AAS Title:		
Proposed OPTION Title:		
Proposed Certificate Title:		
<input type="checkbox"/> SUSPENSION of Program	<i>Reason for Suspension:</i>	
Suspension Effective Date:		


++If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

CURRICULUM AMENDMENT

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping.
For a New Program, complete the Proposed Curriculum section only.]

CURRENT CURRICULUM 2017-18 [List entire curriculum as last approved]				PROPOSED CURRICULUM 2018-19 [List only course(s) to be amended]			
Course Number	Course Title	Clock Hours	Credits	Course Number	Course Title	Clock Hours	Credits
First Term							
GEO-100 or GEO-110	Introduction to Physical Geography Cultural & Human Geography	44	4	GEO-100 Or GEO-130	Introduction to Physical Geography Or Introduction to Environmental Geography	44 LECT	4
GIS-201	Introduction to Geographic Information System	66	3	REMOVE			
GIS-236	Programming for GIS	22	1	GIS-236	Introduction to Programming for GIS	66 LE/LA	3
MFG-109	Computer Literacy for Technicians	39	3	REMOVE			
MTH-050	Technical Mathematics I	44	4	MTH-050 Or MTH-065	Technical Mathematics I	44 LECT	4
WR-121	English Composition	44	4				
				GIS-101	Introduction to Maps and Geospatial Concepts	44 LE/LA	2
Second Term							
GIS-237	Advanced Programming for GIS	22	1	GIS-237	Advanced Programming for GIS	66 LE/LA	3
GIS-281	ArcGIS I	66	3				
GIS-286	Remote Sensing	66	3				
MTH-080	Technical Mathematics II	44	3	REMOVE			
CDT-103	Computer-Aided Drafting I	88	3				
--	Technical elective		3				
				GIS-201	Geographic Information Systems	66 LE/LA	3
				GIS-205	Cartography and Map Making	33 LECT	3
Third Term							
CDT-224	Professional Web Design	22	1	REMOVE			
GIS-232	Data Collection & Application	60	3	GIS-232	Data Collection & Application	66 LE/LA	3
GIS-280	GIS/CWE	144	4	GIS-280	GIS/CWE		3
GIS-282	ArcGIS II	66	3				
--	Human Relations requirement (see page 82)		3				
				--	Elective		3
Technical Electives							
Any course with a GIS or CDT prefix.				REMOVE			
				FRP-244	Wilderness II: Basic Land Navigation (S-244)	33 LECT	3
				GIS-238	GIS Web Mapping and Services	44 LE/LA	2

	GIS-240	Geospatial Database Development and Management	66 LE/LA	3
	USP-201	Unmanned Aircraft Systems (UAS) Pilot	66 LE/LA	3
	USP-205	Unmanned Aircraft Systems (UAS) Applied Projects	44 LE/LA	2
	USP-210	Unmanned Aircraft Systems (UAS) Builder Lab	33 LAB	1
TOTAL CURRENT CREDITS:		49	TOTAL PROPOSED CREDITS:	
			47	

College Contact	Shelly Tracy	Telephone No.	503-594-0945	
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Chief Academic Officer or PTE Dean Signature		Date	1/9/2018	