

EOU-DQP Proposed Work Plan

Needs Area	Year	Goals/Objectives	Activities	Outcomes	Contributions
Objective One: Institutional Engagement	1	a. Institutional work plan integrates DQP with selected program assessment maps b. Invite English/Writing, Mathematics, and PPE (maybe Media Arts & Communication) programs to participate in documenting process deliverable	Degree program review will include <ul style="list-style-type: none"> • Map program learning outcomes to DQP meta outcomes using spider web schematic • Document any revisions to program learning outcomes that result from programmatic DQP conversation • Provide faculty reflections on learning outcome review in the context of DQP and ways the conversation informs instructional practices 	<ul style="list-style-type: none"> • Debrief on the programmatic process with EOU’s Center for Teaching, Learning , and Assessment (CTLA) Advisory Group in mid-October 2012 • Three selected departments make process recommendations to CTLA Advisory Group for how best to engage remaining EOU programs in phased mapping to the DQP • Present up to three replicable models for engaging faculty in this mapping exercise at the late October 2012 DQP conference 	<i>To DQP: models for engaging faculty in translation of programmatic learning outcomes maps into DQP maps</i>
Objective Two: Horizontal Mapping	1-2	The OUS Learning Outcomes Assessment (LOA) Group largely completed horizontal mapping to AAC&U’s LEAP Essential Learning Outcomes during their participation in the Carnegie/Lumina funded “Give Students a Compass” initiative (2008-11) Under the leadership of Karen Marrongelle, the LOA group will translate the institutional-level LEAP alignment framework into a DQP alignment framework for programs designated in Year 1	<ul style="list-style-type: none"> • EOU will work with other OUS institutions—beginning with those who participated in the WICHE Passport Initiative (UI)—to align selected programmatic DQPs 	<ul style="list-style-type: none"> • Document process of engagement in horizontal conversations at LOA level • Document process for engaging selected OUS degree programs in conversation about inter-institutional alignment of programmatic learning outcomes to the DQP • Document faculty inter-institutional/inter-program engagement and reflection • Document inter-program adjustments to programmatic learning outcomes as a result of conversation and reflection 	<i>To DQP: model for inter-institutional and inter-program alignment of core DQP outcome areas</i>

Needs Area	Year	Goals/Objectives	Activities	Outcomes	Contributions
Objective Three: “Ratcheting Up”	1-3	Utilize Degree pathways course articulations developed with BMCC and TVCC during the Compass Initiative and proficiency articulation developed with CGCC as a basis for continued conversations with community college partners about learning outcomes alignment and proficiency levels between Associate’s and Bachelor’s degrees	EOU and BMCC, TVCC, CGCC community college faculty collaborate to identify learning outcome alignments between AAOT/OTM and <ul style="list-style-type: none"> • EOU’s General Education program • EOU’s selected baccalaureate programs (English/Writing, Mathematics, and Public Administration). Based upon DQP maps from these engaged institutions, identify <ul style="list-style-type: none"> • milestone learning outcome expectations that bridge technical degree, general education, and degree program outcomes 	<ul style="list-style-type: none"> • Document process of vertical engagement in conversation about proficiency levels • Document outcomes and agreements • Document disagreements 	Assess how “ratcheting up” contributes to or adds value to current course-based articulations between CCs and Universities in the state of Oregon

Appendix A: EOU Degree Program Curriculum Maps

- **English/Writing**
- **Mathematics**
- **PPE (Political Science, Philosophy, and Economics) or MAC (Media Arts and Communication)**

Appendix B: EOU Sample Pathway with Partner Community Colleges

Appendix A: EOU Degree Program Curriculum Maps

Vertical Curriculum Mapping: ENGL/WR (PLOs)

Course Levels	Benchmark/ Expected Standard of Performance	1 Content Knowledge (courses required of all majors)	2 Inquiry (courses required of all majors)	3 Communication (courses required of all majors)	4 Critical Thinking (courses required of all majors)	5 Aesthetic Analysis (courses required of all majors)	6 Civic Engagement (courses required of all majors)	7 Integrated Learning (courses required of all majors)
	<i>Program sets benchmark</i>							
400-Level	Program sets scale	All Concentrations: ENGL/WR 407	All Concentrations : ENGL/WR 403	All Concentrations: ENGL/WR 403	All Concentrations: ENGL/WR 403	All Concentrations : ENGL/WR 403	DS: ENGL/WR 409	All Concentrations: ENGL/WR 403
300-Level		Lit: ENGL 322, 399, 390, 395, 422, 436, 446, 448 WR: WR 316, 320 or 330, 328, 331, 341 or 342, 351, 441 or 442 DS: ENGL 316, 390; WR 316, 320 or 330; 328, 341 or 342	Lit: ENGL 322, 339, 390, 395, 403, 407, 409, 422, 436, 446, 448 WR: 316, 320 or 330, 328, 331, 341, 342, 351 DS: ENGL 390; WR 316, 320 or 330; 328, 341 or 342	Lit: ENGL 322, 339, 390, 395 WR: WR 316, 320 or 330, 328, 331, 341, 342, 351 DS: ENGL 316, 390; WR 316, 320 or 330; 328, 341 or 342, 441 or 442	Lit: ENGL 322, 339, 390, 395, 422, 436, 446, 448 WR: WR 316, 320 or 330, 328, 331, 341, 342, 351 DS: ENGL 316, 390; WR 316, 320 or 330; 328, 341 or 342	Lit: ENGL 322, 339, 390, 395, 422, 436, 446, 448 WR: WR 316, 341, 342, 351, 441 or 442 DS: ENGL 390; WR 316, 320 or 330; 328, 341 or 342	Lit: ? WR: WR 320, 330?, 341 or 342, 351 DS: WR 320; 330? 341 or 342	Lit: ENGL 322, 257, 390, 395, 446 WR: WR 316, 320, 331, 351, 328 DS: ENGL 316, 390
200-Level		Core: ENGL 201, 239, 205 or 254, 206* or 207; WR 222, 230, 241, 242, 243 Lit : ENGL 257 DS: WR 220	Core: ENGL 201*; WR 222, 230, 241, 242, 243	Core: ENGL 201; WR 222*, 230, 241, 242, 243	Core: ENGL 201, 239, 205 or 254, 206 or 207; WR 222.	Core: ENGL 201, 239, 205 or 254, 206 or 207; WR 222, 230, 241, 242, 243	Core: WR 230, 241, 242 DS: WR 220	Core: ENGL 201; 206; WR 220, 230, 206
100-Level		Pre-reqs: ENGL 104, 107, 108, 109		Pre-reqs: WR 121	Pre-reqs: ENGL 104, WR 121	Pre-reqs: ENGL 104, WR 131		Pre-reqs: WR 121
Pre-College				Pre-reqs: WR 115				

Vertical Curriculum Mapping: Mathematics PLOs

Course Levels	Benchmark/ Expected Standard of Performance	1 Content Knowledge (courses required of all majors)	2 Problem Solving (course required of all majors)	3 Inquiry & Analysis (course required of all majors)	4 Communication (course required of all majors)
	<i>Program sets benchmark</i>				
400-Level	Program sets scale			MATH 407	MATH 407
300-Level		MATH 341 MATH 382 MATH 311 MATH 344	MATH 341	MATH 382 MATH 311 MATH 344	MATH 341 MATH 382 MATH 311 MATH 344
200-Level		MATH 251 MATH 252 MATH 253 MATH 254 STAT 243	MATH 251 MATH 252 MATH 254 STAT 243	MATH 253	STAT 243
100-Level			CS 161		CS 161

Vertical Curriculum Mapping: PPE (PLOs)

Course Levels	Benchmark/ Expected Standard of Performance	1 Content Knowledge (courses required of all majors)	2 Inquiry (course required of all majors)	3 Applied Learning & Civic Engagement (course required of all majors)	4 Critical Thinking, Communication, and Integrated Learning (course required of all majors)
	<i>Program sets benchmark</i>				
400-Level	85% Proficient or Adequate	PPE 407/410 (CAPSTONE) PHIL 420	PPE 407/410 (CAPSTONE) PHIL 420	PPE 407/410 (CAPSTONE)	PPE 407/410 (CAPSTONE)
300-Level	85% Proficient or Adequate	POLS 340 POLS 350 ECON 334 ECON 350		POLS 350 ECON 350	POLS 340 POLS 350 ECON 334 POLS 350
200-Level	85% Proficient or Adequate	POLS 221 ECON 201 ECON 202	POLS 221 PHIL 203		POLS 221 ECON 201 ECON 202 PHIL 203
100-Level	85% Proficient or Adequate	POLS 101 PHIL 101 PHIL 102	PHIL 101	POLS 101	PHIL 101 PHIL 102

Vertical Curriculum Mapping: Media Arts and Communications (PLOs—Unfinished)

Course Levels	Benchmark/ Expected Standard of Performance	1 Content Knowledge (All GEC Courses from are available for discipline-based assessment)	2 Inquiry (GEC courses from your discipline that explicitly address the Inquiry outcome—see http://www.eou.edu/asses/GEC.html)	3 Communication (GEC courses from your discipline that explicitly address the Communication outcome—see http://www.eou.edu/asses/GEC.html)	4 Critical Thinking (GEC courses from your discipline that explicitly address the Critical Thinking outcome—see http://www.eou.edu/asses/GEC.html)	5 Further Learning and Civic Engagement (GEC courses from your discipline that explicitly address the Further Learning and Civic Engagement outcomes— see http://www.eou.edu/asses/GEC.html)														
<i>GLO</i>	<i>85% Proficient/Adequate Institutional Benchmark</i>	<i>85% Proficient/Adequate</i>	<i>85% Proficient/Adequate</i>	<i>85% Proficient/Adequate</i>	<i>85% Proficient/Adequate</i>	<i>85% Proficient/Adequate</i>														
300- Level	% Proficient % Adequate % Developing	300-level GEC courses below need to select an additional learning outcome: <table border="1" data-bbox="422 841 606 1024" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">SPCH</td><td style="width: 50%;">320</td></tr> <tr><td>SPCH</td><td>325</td></tr> <tr><td>SPCH</td><td>329</td></tr> <tr><td>SPCH</td><td>330</td></tr> <tr><td>SPCH</td><td>335</td></tr> <tr><td>SPCH</td><td>340</td></tr> <tr><td>SPCH</td><td>347</td></tr> </table>	SPCH	320	SPCH	325	SPCH	329	SPCH	330	SPCH	335	SPCH	340	SPCH	347				
SPCH	320																			
SPCH	325																			
SPCH	329																			
SPCH	330																			
SPCH	335																			
SPCH	340																			
SPCH	347																			
200- Level	% Proficient % Adequate % Developing	All GEC courses			MA 260															
100- Level	% Proficient % Adequate % Developing	All GEC courses			SPCH 111 SPCH 112															



**Appendix B: EOU Sample
Pathway with Partner
Community Colleges**



Pathway to Eastern Oregon University

Degree: Mathematics

The mathematics degree will develop the analytical skills needed for effective use and understanding of mathematics. In addition, it will prepare students for a variety of career choices including graduate work, industrial and business careers, plus preparation as a highly qualified teacher of mathematics for elementary, middle and secondary schools.

Treasure Valley Community College Courses	Eastern Oregon University Courses																																		
<p>Required: CS 161 Computer Science I (4 cr) → [EOU] CS 161 Found. of CS I 4 cr MATH 251 Calculus I (4 cr) → [EOU] MATH 251 Calculus I 4 cr MATH 252 Calculus II (4 cr) → [EOU] MATH 252 Calculus II 4 cr MATH 253 Calculus III (4 cr) → [EOU] MATH 253 Calculus III 4 cr MATH 243 Intro to Probability & Stats (4 cr) → [EOU] STAT 243 Elem Stats 4 cr</p> <p>Electives: N/A</p>	<p>Complete a minimum of 68 credits in mathematics as outlined below, each with a grade of C- or better.</p> <p>Required: Lower Division Core:</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>←CS 161 Found of CS I</td><td align="right">4 cr</td></tr> <tr><td>←MATH 251 Calculus I</td><td align="right">4 cr</td></tr> <tr><td>←MATH 252 Calculus II</td><td align="right">4 cr</td></tr> <tr><td>←MATH 253 Calculus III</td><td align="right">4 cr</td></tr> <tr><td> MATH 254 Calculus IV</td><td align="right">4 cr</td></tr> <tr><td>←STATS 243 Elementary Stats</td><td align="right"><u>4 cr</u></td></tr> <tr><td align="right">Total</td><td align="right">24 cr</td></tr> </table> <p>Required: Upper Division Core:</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>MATH 341 Linear Algebra</td><td align="right">4 cr</td></tr> <tr><td>MATH 382 Structures of Abstract Math</td><td align="right">4 cr</td></tr> <tr><td>MATH 311 Advanced Calculus</td><td align="right">4 cr</td></tr> <tr><td>MATH 344 Modern Algebra I</td><td align="right">4 cr</td></tr> <tr><td colspan="2"><i>Choose One:</i></td></tr> <tr><td>MATH 412 Real Analysis (4 cr) OR</td><td></td></tr> <tr><td>MATH 445 Modern Algebra II (4 cr)</td><td align="right">4 cr</td></tr> <tr><td colspan="2"><i>Plus</i></td></tr> <tr><td>MATH 407 Capstone Seminars</td><td align="right"><u>4 cr</u></td></tr> <tr><td align="right">Total</td><td align="right">24 cr</td></tr> </table> <p>Electives: In addition to above, complete 20 credits hours of upper division mathematics ~OR~ complete a set of courses for one of the three concentrations:</p> <p>OPTION C1 – 20 credits of UD Math*</p> <p><i>*May use STAT 352 to fulfill this requirement.</i></p>	←CS 161 Found of CS I	4 cr	←MATH 251 Calculus I	4 cr	←MATH 252 Calculus II	4 cr	←MATH 253 Calculus III	4 cr	MATH 254 Calculus IV	4 cr	←STATS 243 Elementary Stats	<u>4 cr</u>	Total	24 cr	MATH 341 Linear Algebra	4 cr	MATH 382 Structures of Abstract Math	4 cr	MATH 311 Advanced Calculus	4 cr	MATH 344 Modern Algebra I	4 cr	<i>Choose One:</i>		MATH 412 Real Analysis (4 cr) OR		MATH 445 Modern Algebra II (4 cr)	4 cr	<i>Plus</i>		MATH 407 Capstone Seminars	<u>4 cr</u>	Total	24 cr
←CS 161 Found of CS I	4 cr																																		
←MATH 251 Calculus I	4 cr																																		
←MATH 252 Calculus II	4 cr																																		
←MATH 253 Calculus III	4 cr																																		
MATH 254 Calculus IV	4 cr																																		
←STATS 243 Elementary Stats	<u>4 cr</u>																																		
Total	24 cr																																		
MATH 341 Linear Algebra	4 cr																																		
MATH 382 Structures of Abstract Math	4 cr																																		
MATH 311 Advanced Calculus	4 cr																																		
MATH 344 Modern Algebra I	4 cr																																		
<i>Choose One:</i>																																			
MATH 412 Real Analysis (4 cr) OR																																			
MATH 445 Modern Algebra II (4 cr)	4 cr																																		
<i>Plus</i>																																			
MATH 407 Capstone Seminars	<u>4 cr</u>																																		
Total	24 cr																																		

Treasure Valley Community College		Eastern Oregon University	
		OPTION C2: Mathematical Studies Concentration: MATH 323 Mathematical Modeling 4 cr MATH 338 Modern Geometry 4 cr MATH 355 Advanced Discrete Mathematics 4 cr Additional credits of UD Math * <u>8 cr</u> Total 20 cr	
CS 162 Computer Science II (4 cr) → [EOU] CS 162 Found. of CS I	4 cr	OPTION C3: Applied Mathematics Concentration: ←CS 162 Foundations of CS II 4 cr MATH 321 Differential Equations 4 cr MATH 323 Mathematical Modeling 4 cr MATH 483 PDE's and Engineering Math 4 cr STAT 352 Statistics 4 cr <i>Choose any two of the following:</i> MATH 361 Probability and Statistics (4 cr) OR MATH 452 Operations Research (4 cr) OR MATH 462 Regression Analysis (4 cr) <u>8 cr</u> Total 28 cr	
CS 162 Computer Science II (4 cr) → [EOU] CS 162 Found. of CS I	4 cr	OPTION C4: Theoretical Mathematics Concentration: ←CS 162 Foundations of CS II 4 cr MATH 321 Differential Equations 4 cr MATH 338 Modern Geometry 4 cr MATH 355 Advanced Discrete Mathematics 4 cr <i>Whichever of the following not taken as part of Upper division core:</i> MATH 412 Real Analysis (4cr) OR MATH 445 Modern Algebra II (4 cr) 4 cr Plus Additional credits of UD Math * <u>4 cr</u> Total 20 cr	

* STAT 352 may be considered a math course for this req.

Note: Students who complete an AAOT at the community college have met EOU's general education requirements. All other students will need to select courses to meet general education requirements. Students must meet all EOU admission requirements and, in some cases, program admission requirements. Students must meet all EOU graduation requirements. Students with a signed copy of this pathway are guaranteed to complete the degree at EOU.

Student Signature: _____ **Date:** _____

CC Adviser: _____ **Date:** _____

EOU Adviser: _____ **Date:** _____

Pathway to Eastern Oregon University

Degree: Mathematics

The mathematics degree will develop the analytical skills needed for effective use and understanding of mathematics. In addition, it will prepare students for a variety of career choices including graduate work, industrial and business careers, plus preparation as a highly qualified teacher of mathematics for elementary, middle and secondary schools.

Blue Mountain Community College Courses	Eastern Oregon University Courses																																		
<p>Required: CS 161 Computer Science (4 cr) → [EOU] CS 161 Found. of CS I 4 cr MTH 251 Calculus (4 cr) → [EOU] MATH 251 Calculus I 4 cr MTH 252 Calculus (4 cr) → [EOU] MATH 252 Calculus II 4 cr MTH 253 Calculus (4 cr) → [EOU] MATH 253 Calculus III 4 cr MTH 254 Vector Calculus (4 cr) → [EOU] MATH 254 Calculus IV 4 cr MTH 243 Intro to Probability & Stats (4 cr) → [EOU] STAT 243 Elem Stats 4 cr</p> <p>Electives: N/A</p>	<p>Complete a minimum of 68 credits in mathematics as outlined below, each with a grade of C- or better.</p> <p>Required: Lower Division Core:</p> <table style="width: 100%; border: none;"> <tr><td>←CS 161 Found of CS I</td><td style="text-align: right;">4 cr</td></tr> <tr><td>←MATH 251 Calculus I</td><td style="text-align: right;">4 cr</td></tr> <tr><td>←MATH 252 Calculus II</td><td style="text-align: right;">4 cr</td></tr> <tr><td>←MATH 253 Calculus III</td><td style="text-align: right;">4 cr</td></tr> <tr><td>←MATH 254 Calculus IV</td><td style="text-align: right;">4 cr</td></tr> <tr><td>←STATS 243 Elementary Stats</td><td style="text-align: right;"><u>4 cr</u></td></tr> <tr><td style="text-align: right;">Total</td><td style="text-align: right;">24 cr</td></tr> </table> <p>Required: Upper Division Core:</p> <table style="width: 100%; border: none;"> <tr><td>MATH 341 Linear Algebra</td><td style="text-align: right;">4 cr</td></tr> <tr><td>MATH 382 Structures of Abstract Math</td><td style="text-align: right;">4 cr</td></tr> <tr><td>MATH 311 Advanced Calculus</td><td style="text-align: right;">4 cr</td></tr> <tr><td>MATH 344 Modern Algebra I</td><td style="text-align: right;">4 cr</td></tr> <tr><td colspan="2"><i>Choose One:</i></td></tr> <tr><td>MATH 412 Real Analysis (4 cr) OR</td><td></td></tr> <tr><td>MATH 445 Modern Algebra II (4 cr)</td><td style="text-align: right;">4 cr</td></tr> <tr><td colspan="2"><i>Plus</i></td></tr> <tr><td>MATH 407 Capstone Seminars</td><td style="text-align: right;"><u>4 cr</u></td></tr> <tr><td style="text-align: right;">Total</td><td style="text-align: right;">24 cr</td></tr> </table> <p>Electives: In addition to above, complete 20 credits hours of upper division mathematics ~OR~ complete a set of courses for one of the three concentrations:</p> <p>OPTION C1 – 20 credits of UD Math*</p> <p><i>*May use STAT 352 to fulfill this requirement.</i></p>	←CS 161 Found of CS I	4 cr	←MATH 251 Calculus I	4 cr	←MATH 252 Calculus II	4 cr	←MATH 253 Calculus III	4 cr	←MATH 254 Calculus IV	4 cr	←STATS 243 Elementary Stats	<u>4 cr</u>	Total	24 cr	MATH 341 Linear Algebra	4 cr	MATH 382 Structures of Abstract Math	4 cr	MATH 311 Advanced Calculus	4 cr	MATH 344 Modern Algebra I	4 cr	<i>Choose One:</i>		MATH 412 Real Analysis (4 cr) OR		MATH 445 Modern Algebra II (4 cr)	4 cr	<i>Plus</i>		MATH 407 Capstone Seminars	<u>4 cr</u>	Total	24 cr
←CS 161 Found of CS I	4 cr																																		
←MATH 251 Calculus I	4 cr																																		
←MATH 252 Calculus II	4 cr																																		
←MATH 253 Calculus III	4 cr																																		
←MATH 254 Calculus IV	4 cr																																		
←STATS 243 Elementary Stats	<u>4 cr</u>																																		
Total	24 cr																																		
MATH 341 Linear Algebra	4 cr																																		
MATH 382 Structures of Abstract Math	4 cr																																		
MATH 311 Advanced Calculus	4 cr																																		
MATH 344 Modern Algebra I	4 cr																																		
<i>Choose One:</i>																																			
MATH 412 Real Analysis (4 cr) OR																																			
MATH 445 Modern Algebra II (4 cr)	4 cr																																		
<i>Plus</i>																																			
MATH 407 Capstone Seminars	<u>4 cr</u>																																		
Total	24 cr																																		

Blue Mountain Community College	Eastern Oregon University
	OPTION C2: Mathematical Studies Concentration: MATH 323 Mathematical Modeling 4 cr MATH 338 Modern Geometry 4 cr MATH 355 Advanced Discrete Mathematics 4 cr Additional credits of UD Math * <u>8 cr</u> <div style="text-align: right;">Total 20 cr</div>
CS 162 Computer Science (4 cr) → [EOU] CS 162 Found. of CS I 4 cr MTH 256 Differential Equations (4 cr) → [EOU] MATH 321 Differen. Equations 4 cr	OPTION C3: Applied Mathematics Concentration: ←CS 162 Foundations of CS II 4 cr ←MATH 321 Differential Equations 4 cr MATH 323 Mathematical Modeling 4 cr MATH 483 PDE's and Engineering Math 4 cr STAT 352 Statistics 4 cr <i>Choose any two of the following:</i> MATH 361 Probability and Statistics (4 cr) OR MATH 452 Operations Research (4 cr) OR MATH 462 Regression Analysis (4 cr) <u>8 cr</u> <div style="text-align: right;">Total 28 cr</div>
	OPTION C4: Theoretical Mathematics Concentration: ←CS 162 Foundations of CS II 4 cr ←MATH 321 Differential Equations 4 cr MATH 338 Modern Geometry 4 cr MATH 355 Advanced Discrete Mathematics 4 cr <i>Whichever of the following not taken as part of Upper division core:</i> MATH 412 Real Analysis (4cr) OR MATH 445 Modern Algebra II (4 cr) 4 cr <i>Plus</i> Additional credits of UD Math * <u>4 cr</u> <div style="text-align: right;">Total 20 cr</div>
	* STAT 352 may be considered a math course for this req.

Note: Students who complete an AAOT at the community college have met EOU's general education requirements. All other students will need to select courses to meet general education requirements. Students must meet all EOU admission requirements and, in some cases, program admission requirements. Students must meet all EOU graduation requirements. Students with a signed copy of this pathway are guaranteed to complete the degree at EOU.

Student Signature: _____ **Date:** _____

CC Adviser: _____ **Date:** _____

EOU Adviser: _____ **Date:** _____