

DEGREE & CERTIFICATE CHANGES FOR 2024-25

If this is a NEW degree or certificate, enter title, requisites, outcomes, and coursework on another sheet

Degree Certificate Program	New (N), Revised (R) or Suspended (S)	Title	Month Reviewed by Curriculum Committee	Implementation Term	Action/Changes
D	R	Accounting	2.29.24	Summer 24	Remove: BA 101, 188, 211, 212, 213, 256; Add: BA 101Z, 211Z, 213Z, CAS 140. Decrease overall credits from 93 to 90.
C	R	Accounting / Bookkeeping	2.29.24	Summer 24	Remove: BA 101, 211, 212; Add: BA 101Z, 211Z. Decrease overall credits from 50 to 48.
C	R	Entry-Level Accounting Clerk	2.29.24	Summer 24	Remove: BA 101, 211; Add: BA 101Z, 211Z.
D	R	Administrative Professional	2.29.24	Summer 24	Title change (formerly Administrative Assistant); removed BA 111; add BA 211Z; increase overall credits from 103 to 104
C	R	Administrative Professional	2.29.24	Summer 24	Title change (formerly Administrative Assistant); removed BA 111; add BA 211Z; increase overall credits from 48 to 49
D	R	Advanced Manufacturing and Fabrication	3.14.24	Summer 24	Remove: MTH 98, WR 115, 4 credits of Gen Ed electives. Add: MTH 105Z, WR 121L. Decrease overall credits from 98 to 91.
	R	Advanced Manufacturing Technology	3.14.24	Summer 24	Remove: MTH 98. Decrease overall credits from 43 to 39.
D - MTM	N	Associate of Arts Oregon Transfer - Elementary Education	2.29.24	Summer 24	see sheet #2
D - MTM	N	Associate of Science Transfer - Business	2.29.24	Summer 24	see sheet #3
D - MTM	N	Associate of Science Transfer - Computer Science	2.29.24	Summer 24	see sheet #4
D	R	Aviation Maintenance Technology	3.14.24	Summer 24	Remove MTH 110 and 4 credits of Gen Ed electives; Add: MTH 105 or higher. Decrease overall credits from 108 to 104.
C	R	Aviation Maintenance Technology	3.14.24	Summer 24	Remove MTH 110; Add: MTH 105 or higher
C	R	Aviation Airframe	3.14.24	Summer 24	Remove MTH 110; Add: MTH 105 or higher
C	R	Aviation Powerplant	3.14.24	Summer 24	Remove MTH 110; Add: MTH 105 or higher
D	R	Early Childhood Education	2.29.24	Summer 24	Remove BA 188 from elective list.
C	R	Early Childhood Education Curriculum	2.29.24	Summer 24	Remove BA 188 from elective list.
D	R	Electro-Mechanical Technology	3.14.24	Summer 24	Remove: EET 242 as option for UAS 101. Credit increase for EET 273 from 3 credits to 5. Increase overall credits from 98 to 100.
P	R	English for Speakers of Other Languages	10.19.23	Fall 23	Outcomes revision
D	R	Entrepreneurship / Business Management	2.29.24 3.14.24	Summer 24	Remove: BA 101, 111, 188, 213, 250, OS 131; Add: BA 101Z, 211Z, 213Z, CAS 140, CAS 170. Increase overall credits from 91 to 93.
C	R	Entrepreneurship	2.29.24	Summer 24	Remove: BA 101, 111; Add: BA 101Z, 211Z. Increase overall credits from 49 to 50.
D	R	Nursing	3.14.24	Summer 24	Remove: NRS 230, 231, 232, 233; Add: NRS 234, 235, 236, 237, 238, 239. Change title of NRS 110. Update prereqs to reflect new CCN (PSY 201Z and PSY 202Z).
C	N	USACE Level 1	12.7.23	Summer 24	see sheet #5
C	N	USACE Level 2 - Mechanics	12.7.23	Summer 24	see sheet #6
C	N	USACE Level 2 - Operators and Electricians	12.7.23	Summer 24	see sheet #7

DEGREE & CERTIFICATE CHANGES FOR 2024-25

If this is a NEW degree or certificate, enter title, requisites, outcomes, and coursework on another sheet

Degree Certificate Program	New (N), Revised (R) or Suspended (S)	Title	Month Reviewed by Curriculum Committee	Implementation Term	Action/Changes
SUSPENDED DEGREES & CERTIFICATES					
NCTC	S	Aero Drone Academy	N/A	Summer 23	
NCTC	S	Fresh Start Culinary Arts - Food Preparation	N/A	Summer 23	
NCTC	S	Fresh Start Culinary Arts - Food Safety and Sanitation	N/A	Summer 23	
NCTC	S	Professional UAS Pilot Training - Basic	N/A	Summer 23	
NCTC	S	UAS Certification Program - Exam Preparation	N/A	Summer 23	
C	S	Manufacturing	3.14.24	Summer 23	

For revised degrees' and certificates' curricular schedules, see 2024-25 Curriculum Maps (found on the G:Drive)

NEW DEGREE (Sheet 2)

Add any amendments in **Bold & Italics**

Title	Associate of Arts Oregon Transfer - Elementary Education (90 credits) (Statewide Major Transfer Map)			
Requisites	IRW 115 Critical Reading and Writing (5 credits) or WR 115 Introduction to Expository Writing (4 credits) or equivalent placement MTH 95 Intermediate Algebra (4 credits) or MTH 98 Quantitative Math (4 credits) or equivalent placement			
Outcomes	1. Apply critical thinking to analyze social issues necessary to support the function of public education. 2. Describe culturally-responsive pedagogy and integration of social justice into a teaching philosophy. 3. Identify the ethics and responsibilities necessary to obtain a professional license in the teaching field and clarify career confirmation.			
Coursework	Course #	Course Title	Requisites	Credits
Core Transfer Map Requirements (32-34 credits)				
	WR 121Z	Composition I	IRW 115 or WR 115 or equiv placement	4
	MTH 211	Foundations of Elementary Math I	MTH 95 or MTH 98 or equiv placement; pre/co: WR 121 or WR 121Z	4
	ENG 104Z, ENG 105Z or ENG 106Z	Introduction to Fiction or Drama or Poetry	Pre/co: WR 121 or WR 121Z	4
	ART 230 or	Drawing I or	None	4
	CAS 230	Design Principles	Rec: CAS 108, CAS 133	
	HST 201, 202 or 203	History of the United States ¹	Place into MTH 65 or MTH 98; pre/co: WR 121 or WR 121Z	4
	ATH 103	Introduction to Cultural Anthropology ¹	Place into MTH 65 or MTH 98; pre/co: WR 121 or WR 121Z	4
	¹ Satisfies Cultural Literacy outcomes for the AAOT			
Additional General Education (30-31 credits)				
	WR 122Z	Composition II	WR 121Z	4
	MTH 212	Foundations of Elementary Math II	MTH 211	4
	MTH 213	Foundations of Elementary Math III	MTH 212	4
	COMM 111Z	Public Speaking	WR 121Z; placement into MTH 65 or MTH 98	4
		General Education Elective – Arts & Letters ²	Varied	4
	PS 201 or PS 202	US Government	Place into MTH 65 or MTH 98; pre/co WR 121 or WR 121Z	4
	PSY 201Z or PSY 202Z	Introduction to Psychology	Place into MTH 65 or MTH 98; pre/co WR 121 or WR 121Z	4
	HPE 295	Health and Fitness for Life	None	3
	² Must satisfy AAOT outcomes			
Education Courses (16 credits)				
	ED 216	Purpose, Structure, & Function of Education in a Democracy	Rec: ED 101. Prerequisite: place into MTH 65 or MTH 98; pre/co: WR 121 or WR 121Z	3
	HEC 226	Child Development	Place into MTH 65 or MTH 98; pre/co WR 121 or WR 121Z	4
	ED 219	Civil Rights & Multicultural Issues in Educational Settings	Rec: ED 101. Prerequisite: Place into MTH 65 or MTH 98; pre/co WR 121 or WR 121Z	3
	ECE 234	Inclusion of Children with Special Needs	Pre/co: IRW 115 or WR 115 or equiv placement	3
	ED 293	Elementary Educator Practicum	Prereq: ED 101, ED 216, ED 219, HEC 202, HEC 226. Coreq: ED 294	1
	ED 294	Education Practicum Seminar	Prereq: ED 101, ED 216, ED 219, HEC 202, HEC 226. Coreq: ED 293	2
Electives (9-12 credits) to fulfill 90 credits total				
	ED 101	Teachers Make a Difference: Exploring the K-5 Classroom	None	1
Recommended Electives by University				
SOU – 4-year Licensure	WOU-4 Yr. Licensure		EQU-4 Yr. Licensure	
Recommended: - WR 123 - Early Childhood Ed Courses - Children’s Literature	Recommended: - Children’s Lit Counts as ED 230 (needs to be a children’s literature course/not literacy methods) - Creative arts for teachers course - LING 210		Recommended: - Early Childhood Ed Course - Children’s Literature	
OSU Cascades- 4 Yr. Licensure	OSU-Teaching Undergraduate Major (Clinically Based Elementary) Licensure (program available in 2021)		UO- 4 Yr. Non-licensure (to obtain a teaching license, students must apply to a graduate degree and licensure program)	
Recommended: - Early Childhood Ed Course	Recommended: - Early Childhood Ed Course		Recommended: - Ethnic Studies - Early Childhood Ed Course - WR 123	

NEW DEGREE (Sheet 3)

Add any amendments in **Bold & Italics**

Title	Associate of Science Transfer - Business (90 credits) (statewide Major Transfer Map)		
Requisites	IRW 115 Critical Reading and Writing (5 credits) or WR 115 Introduction to Expository Writing (4 credits) or equivalent placement MTH 95 Intermediate Algebra (4 credits) or equivalent placement		
Outcomes	1. Employ critical thinking skills through the application of problem-solving methods in business contexts. 2. Leverage technology to support the requirements of various business operations. 3. Exhibit a comprehensive understanding of fundamental accounting concepts.		
Coursework	Track A: EOU, PSU, SOU, OIT		
	Course #	Course Title	Requisites
	Core Transfer Map Requirements (32-34 credits)		
	WR 121Z	Composition I	IRW 115 or WR 115 or equiv placement
	MTH 111Z	Precalculus I: Functions	MTH 95 or equiv placement
	EC 201	Principles of Economics: Microeconomics	Place into MTH 65 or MTH 98; Pre/co: WR 121Z
	EC 202	Principles of Economics: Macroeconomics	Rec: EC 201. Place into MTH 65 or MTH 98; Pre/co: WR 121Z
		General Education Electives - Arts & Letters ^{1,2}	Varied
		General Education Elective – Natural Sciences - Select two lab science courses ¹	Varied
	¹ Must use AAOT approved courses		
	² At least one Core Transfer Requirement course must also satisfy Cultural Literacy outcomes for the AAOT		
	Major Requirements (40-41 credits)		
	WR 227Z	Technical Writing	WR 121Z
	STAT 243Z	Elementary Statistics I	MTH 65 or MTH 98 or equiv place; pre/co: WR
	STAT 244	Statistics II	STAT 243Z
	COMM 111Z	Public Speaking	WR 121Z; placement into MTH 65 or MTH 98
		General Education Elective – Natural Sciences - Select one lab science course ¹	varied
	BA 131	Introduction to Business Technology	IRW 115 or WR 115 or equiv place; place into MTH 65 or MTH 98; CAS 121 or keyboarding by touch
	BA 101Z	Introduction to Business	Place into MTH 65 or MTH 98; pre/co: WR 121Z
	BA 211Z	Principles of Financial Accounting	Recommended: placement into MTH 65. Prerequisite: IRW 115 or WR 115 or equivalent placement
	BA 213Z	Principles of Managerial Accounting	BA 111 or BA 211Z
	BA 226	Business Law I	IRW 115 or WR 115 or equiv place;
	Electives		
	Varied (must be college level – 100 or above)		
	Work closely with a Business Advisor to select courses that will help you fulfill any remaining degree requirements. It is VITAL that you work with an Advisor at your current school to plan your needed courses for the university you wish to attend, as the transfer of course credits varies from one university to another. This list does not guarantee acceptance as a general education or business elective courses by the university you plan to attend.		
	No greater than 12 credits of CTE shall comprise the courses for the MTM.		
	No greater than 3 credits of PE shall comprise the courses for the MTM.		
	Course grades must be "C" grade or better.		
	Additionally, pick from the following suggested course categories (20-22 credits) which may be General Education and/or lower division Business Electives at the university you wish to attend (It is VITAL that you work with an Advisor):		
Arts and Letters (3-4 credits per class) - Business Ethics - Art History - Intercultural Communication - Philosophy - Music/Theater Literacy - World Literature - Writing	Social Science (3-4 credits per class): - Anthropology - Geography - Psychology (social/cognitive) - Sociology (cultural/social change/diversity) - US Government Politics & History - Global Civilization - Women's Studies	Science (3-4 credits per class): - Global Ecology & Conservation	Business Courses (3-4 credits per class) (if offered): Depending on the area you wish to focus on in Business, one or more business elective(s) may be appropriate. Speak to your advisor for guidance.

NEW DEGREE (Sheet 4)

Add any amendments in **Bold & Italics**

Title	Associate of Science Transfer - Computer Science (90 credits)		
Requisites	IRW 115 Critical Reading and Writing (5 credits) or WR 115 Introduction to Expository Writing (4 credits) or equivalent placement MTH 95 Intermediate Algebra (4 credits) or equivalent placement		
Outcomes	1. Develop software using both structured and object-oriented paradigms that meets the requirements of a written specification. 2. Explain the software development lifecycle and the specific tools and processes used to create software. 3. Design, analyze, and implement algorithms to solve computational problems using various data structures as problem-solving tools. These data structures must include 4. Communicate effectively in a variety of professional contexts. 5. Function effectively as a member or leader of a team engaged in activities appropriate to computer science		
Coursework	EOU, SOU, WOU TRACK FOR MTM		
	Course #	Course Title	Requisites
			Credits
	Core Transfer Map Requirements (36-38 credits)		
	WR 121Z	Composition I	IRW 115 or WR 115 or equiv placement
	MTH 111Z	Precalculus I: Functions	MTH 95 or equiv placement
	MTH 112Z	Precalculus II: Trigonometry	MTH 111Z
		General Education Electives - Arts & Letters ^{1,2}	Varied
		General Education Electives - Social Sciences ^{1,2}	Varied
		General Education Elective – Natural Sciences - Select two lab science courses (EOU/SOU/WOU track) ¹	Varied
	¹ Must use AAOT approved courses		
	² At least one Core Transfer Requirement course must also satisfy Cultural Literacy outcomes for the AAOT		
	Major Requirements (34 credits)		
	WR 122Z	Composition II	WR 121Z
	MTH 251	Calculus I	MTH 112Z
	MTH 252	Calculus II	MTH 251
	COMM 111Z	Public Speaking	WR 121Z; placement into MTH 65 or MTH 98
	CS 160	Computational Thinking	IRW 115 or WR 115 or equivalent placement; placement into MTH 65 or MTH 98
	CS 161	Programming & Problem Solving	CS 160
	CS 162	Web Development and Object-oriented Programming	CS 161
	CS 260	Data and Algorithms	CS 161
	Electives (18-20 credits) to fulfill 90 credits total		
	Varied (must be college level – 100 or above)		
	University Recommended Electives		
	EOU		WOU
	<ul style="list-style-type: none"> * C++ programming course * Arts & Letters in a 2nd or 3rd discipline * Social Science in a 2nd or 3rd discipline * A general elective that fulfills "Difference, Power & Discrimination" Baccalaureate Core requirement 		<ul style="list-style-type: none"> * 200-level database * 200-level computer org/architecture * Computer Science 250 OR MTH 231 * 200-level web design * 200-level networking * 200-level OO programming course * 200-level C/C++ course if neither used in 161/162
			* CS 205 (Computer Architecture)

NEW CERTIFICATE (Sheet 5)

Add any ammendments in **Bold & Italics**

Title	USACE Level 1 (30 credits) (Limited Entry - USACE apprentices only)			
Requisites	MTH 65 Beginning Algebra with "B" or better (4 credits) or equivalent placement			
	IRW 115 Critical Reading and Writing (5 credits) or WR 115 Introduction to Expository Writing (4 credits) or equivalent placement			
Outcomes	1. Use electrical instrumentation safely.			
	2. Read and interpret schematics, ladder logic diagrams, data sheets and other electrical documentation.			
	3. Interpret hydraulic and pneumatic schematics and documentation.			
	4. Install, troubleshoot and maintain electrical control circuits.			
	5. Communicate technical data effectively.			
Coursework	Course #	Course Title	Requisites	Credits
	Fall Yr 1			
	EET 111	Electrical Circuit Analysis 1	MTH 65 with a "B" or better; WR 115 or IRW 115, or equivalent placement	5
	Winter Yr 1			
	EET 112	Electrical Circuit Analysis 2	EET 111	5
	Spring Yr 1			
	EET113	Electrical Circuit Analysis 3	ET 112 or department approval	5
	Fall Yr 2			
	MEC 123	Industrial Mechanical Systems	IRW 115 or WR 115 or equivalent placement; placement into MTH 65 or MTH 98	5
	Winter Yr 2			
	MEC 120	Hydraulics and Pneumatics	MTH 65 or equivalent placement	5
	Spring Yr 2			
	EET 141	Motor Control	EET 112	5

NEW CERTIFICATE (Sheet 6)

Add any ammendments in **Bold & Italics**

Title	USACE Level 2 - Mechanics (39 credits) (Limited Entry - USACE apprentices only)
Requisites	Completion of the USACE Level 1 certificate with a minimum 2.00 GPA (30 credits)
Outcomes	<ol style="list-style-type: none"> 1. Produce welds to AWS D1.2, 2.2 and 1.6 in fillet and grooves using GMAW, SMAW and GTAW process. 2. Demonstrate knowledge of basic CNC operations and G Code. 3. Manufacture product from conceptualization to reality through research and development. 4. Apply basic metallurgical concepts and basic materials science as they pertain to metals, creating better production results in manufacturing processes. 5. Demonstrate knowledge of necessary mathematical concepts as they apply to manufacturing.

Coursework	Course #	Course Title	Requisites	Credits
Fall Yr 1				
	MFG 195	Welding Technology I	none	3
	MFG 150	Manufacturing Processes	Pre/Co: MFG 195	3
Winter Yr 1				
	MFG 151	Fabrication Processes 1	MFG 150	3
	MFG 280	Aluminum GTAW/TIG Welding	MFG 150, MFG 195	3
	MFG 285	Stainless Steel GTAW/TIG Welding	MFG 150, MFG 195	3
Spring Yr 1				
	MFG 286	Stainless Steel GTAW/TIG Fabrication 1	MFG 285	3
Fall Yr 2				
	MFG 155	Blueprint Reading	MFG 195	3
	MFG 201	Tube and Pipe Fabrication 1	MFG 150, MFG 155	3
Winter Yr 2				
	MFG 156	Integrated Manufacturing 1	MFG 155	3
	MFG 281	Aluminum GTAW/TIG Fabrication Process 1	MFG 280	3
	MFG 202	Tube Fabrication	MFG 201	3
Spring Yr 2				
	MFG 157	Integrated Manufacturing 2	MFG 156	3
	MFG 203	Pipe Fabrication and Welding	MFG 201	3

NEW CERTIFICATE (Sheet 7)

Add any ammendments in **Bold & Italics**

Title	USACE Level 2 - Operators and Electricians (39 credits) (Limited Entry - USACE apprenices only)			
Requisites	Completion of the USACE Level 1 certificate with a minimum 2.00 GPA (30 credits)			
Outcomes	<ol style="list-style-type: none"> 1. Use electrical instrumentation safely. 2. Read and interpret schematics, ladder logic diagrams, data sheets and other electrical documentation. 3. Apply generator theory to manage reactive power requirements and conduct generator synchronization. 4. Install, troubleshoot and maintain electrical control circuits, including power electronic devices. 5. Communicate technical data effectively. 6. Program, network and interface programmable controllers with sensor inputs and actuator outputs. 			
Coursework	Course #	Course Title	Requisites	Credits
	Fall Yr 1			
	RET 223	Power Generation	none	5
	EET 251	Digital Electronics 1: Programmable Logic Devices	EET 113	5
	Winter Yr 1			
	EET 252	Digital Electronic 2: Programmable Logic Devices	EET 251	5
	EET 219	Programmable Logic Controllers	EET 251	3
	Spring Yr 1			
	MEC 124	Mechatronic Systems in Advanced Manufacturing	IRW 115 or WR 115, MTH 65 or equiv placement	3
	Fall Yr 2			
	EET 221	Semiconductor Devices and Circuits 1	EET 113	5
	Winter Yr 2			
	EET 231	Semiconductor Devices and Circuits 2	EET 221	5
	EET 180	Industrial Computing	MTH 65 or equivalent placement	3
	Spring Yr 2			
	EET 273	Industrial Control	EET 219	5