

DEGREE & CERTIFICATE CHANGES FOR 2022-23

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

| Degree or Certificate | New (N), Revised (R) or Suspended (S) | Title | Month Reviewed by Curriculum Committee | Implementation Term | Action/Changes |
|----------------------------------|---------------------------------------|---|--|---------------------|---|
| D | N | Associate of Arts Transfer - English Literature | 02/10/22 | Fall, 2022 | (see sheet 2) |
| D | R | Accounting AAS | 04/07/22 05/12/22 06/10/22 | Summer, 2022 | Removed: BA 177, MTH 65/98. Added: BA 170, OS 240, CAS 122 as an option for CAS 121, CAS 270 as an option for CAS 170. Decreased overall credits from 95 to 93. |
| C | R | Accounting / Bookkeeping | 04/07/22 | Summer, 2022 | Removed: BA 177 and Accounting Certificate Electives. Added: BA 170. Decreased overall credits from 52 to 50. |
| D | R | Administrative Assistant AAS | 04/07/22 | Summer, 2022 | Removed: CAS 133. Added: BA 131. |
| C | R | Administrative Assistant | 04/07/22 | Summer, 2022 | Removed: CAS 133. Added: BA 131. |
| C | R | Medical Office Professional | 05/12/22 06/10/22 | Summer, 2022 | Added: BA 131 as an option for CAS 133. |
| D | R | Entrepreneurship/Business Management AAS | 04/07/22 | Summer, 2022 | Removed: MTH 65/98 and Entrepreneurship Electives. Added BA 104 and BA 170. Decreased overall credits from 95 to 91. |
| C | R | Entrepreneurship | 04/07/22 | Summer, 2022 | Removed: BA 226. Added: BA 104 and BA 170. Increased overall credits from 45 to 49. |
| D | N | Paramedic AAS | 01/12/22 | Summer, 2022 | (see sheet 3) |
| C | N | Emergency Medical Technician | 01/12/22 | Summer, 2022 | (see sheet 4) |
| C | R | Advanced Manufacturing Technology | 10/07/21 10/21/21 | Summer, 2022 | Course prefix change: WLD 195 changed to MFG 195. |
| D | N | Advanced Manufacturing & Fabrication AAS | 10/21/21 | Summer, 2022 | (see sheet 5) |
| D | R | Aviation Maintenance Technology AAS | 03/03/22 | Summer, 2022 | Replaced MTH 105 or higher with MTH 110 or higher. |
| C | R | Aviation Maintenance Technology | 03/03/22 | Summer, 2022 | Replaced MTH 105 or higher with MTH 110 or higher. |
| C | N | Aviation Airframe | 03/03/22 | Summer, 2022 | (see sheet 6) |
| C | N | Aviation Powerplant | 03/03/22 | Summer, 2022 | (see sheet 7) |
| C | R | Construction Technology | 04/07/22 | Summer, 2022 | Added: CT 115. Increased overall credits from 33 to 36. |
| D | R | Electro-Mechanical Technology AAS | 03/17/22 04/07/22 05/12/22 | Summer, 2022 | Removed: EET 170, EET 222. Added: EET 180, EET 231, UAS 101 as option for EET 242. Reduced credits for SAF 188. Changed course titles: EET 111, EET 112, EET 113, MEC 120. Decreased overall credits from 99 to 98. |
| C | R | Electro-Mechanical Technology | 03/17/22 04/07/22 | Summer, 2022 | Removed: EET 170. Added: EET 180. Reduced credits for SAF 188. Changed course titles: EET 111, EET 112, EET 113, MEC 120. Decreased overall |
| C | R | Professional Small Unmanned Aircraft Systems | 05/12/22 | Summer, 2022 | Credit change: UAS 101. Increase overall credits from 19 to 20. |
| SUSPENDED DEGREES & CERTIFICATES | | | | | |
| D | S | Associate of Science Oregon Transfer - Computer Science | 04/07/22 | Summer, 2022 | |
| D | S | Administrative Office Professional AAS | 04/07/22 | Summer, 2022 | |
| C | S | Basic Computer Skills | 04/07/22 | Summer, 2022 | |
| C | S | Entry-Level Administrative Assistant | 04/07/22 | Summer, 2022 | |
| C | S | Office Assistant | 04/07/22 | Summer, 2022 | |

| DEGREE & CERTIFICATE CHANGES FOR 2022-23 | | | | | |
|---|---------------------------------------|-------------------------|--|---------------------|----------------|
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| Degree or Certificate | New (N), Revised (R) or Suspended (S) | Title | Month Reviewed by Curriculum Committee | Implementation Term | Action/Changes |
| C | S | Spreadsheet Support | 04/07/22 | Summer, 2022 | |
| C | S | Word Processing Support | 04/07/22 | Summer, 2022 | |
| For revised degrees' and certificates' curricular schedules, see 2022-23 Curriculum Maps (found on the G:Drive) | | | | | |

| NEW DEGREE (Sheet 2) | | | | |
|---|---|--|--|---------|
| Add any ammendments in Bold & <i>Italics</i> | | | | |
| Title | Associate of Arts Transfer - English Literature (90 credits) | | | |
| Requisites | IRW 115 or WR 115 or equivalent placement MTH 65 or MTH 98 or equivalent placement | | | |
| Outcomes | 1. Closely read and interpret diverse literary texts, using literary techniques, contextual information, scholarly research, personal engagement and/or theoretical lenses. 2. Critically analyze social and historical context, values and ethics expressed across diverse texts to better understand human behavior and engage more fully in local and global issues. 3. Effectively utilize strong writing skills including clear expression, organization, concision, and mechanics appropriate for the intended audience. 4. Locate, evaluate, and ethically utilize information to communicate effectively. 5. Critique the systems of power and privilege that have shaped literature and our relationship to those systems. | | | |
| Coursework | Course # | Course Title | Requisites | Credits |
| | Core Transfer Map Requirements - 32 credits | | | |
| | WR 121 | College Composition | IRW 115 or WR 115 or equivalent placement | 4 |
| | MTH 105 or higher | Math in Society | MTH 65 or MTH 98 or equivalent placement. Pre/co: WR 121 | 4 |
| | | General Education Electives – Arts & Letters (200 level literature course but not repeating ENG 253 or ENG 254) ¹ | Pre/co: WR 121 | 8 |
| | | General Education Electives – Social Sciences ¹ | Varied | 8 |
| | | General Education Electives – Lab Science biological and/or physical ¹ | Varied | 8 |
| | ¹ At least one Core Transfer Requirement course must also satisfy Cultural Literacy outcomes for the AAOT | | | |
| | Major Requirements - 12 credits | | | |
| | WR 122 | Argumentative Writing | WR 121 | 4 |
| | ENG 253 or ENG 254 | Survey of American Literature to 1865 or Survey of American Literature from 1865 to Present | Pre/co: WR 121 | 4 |
| | | General Education Elective – Arts & Letters (200 level literature course other than ENG 253 or ENG 254) | Varied | 4 |
| | Electives - 46 credits | | | |
| | Highly Recommended: 2 years of Foreign Language or equivalent (24 credits) | | | |
| | Complete additional electives to reach 90 credit total. Refer to individual university requirements to aid in determining best choice of electives. Other recommended electives include: | | | |
| | * COMM 111 or equivalent | | | |
| | * Philosophy courses | | | |
| | * Music or Theatre Appreciation courses | | | |
| | * U.S. History | | | |
| | * Biological or Physical Science | | | |

| NEW DEGREE (Sheet 3) | | | | |
|---|---|---|--|---------|
| Add any ammendments in Bold & <i>Italics</i> | | | | |
| Title | Paramedic | | | |
| Requisites | IRW 115 or WR 115 or equivalent placement MTH 65 or equivalent placement | | | |
| Outcomes | 1. Apply the principles underlying the profession of paramedicine, including anatomy, physiology, pathology, pharmacology, and disorders recognized and treated by paramedics. 2. Demonstrate knowledge of the modalities and skills used in emergency medical services and how to assess objectively the evidence for their effectiveness. 3. Demonstrate skills for life-long, self-directed learning to update their knowledge of the practice of paramedicine after completion of their formal studies. 4. Demonstrate the practical skills needed to work as a competent paramedic delivering emergency medical services and to apply these skills to appropriate, safe, effective and compassionate patient care. 5. Practice both independently and collaboratively as part of clinical teams and health care systems. 6. Demonstrate cultural competency, respect for diversity and the ability to practice in diverse healthcare settings in a multicultural society. 7. Assume responsibility for independent judgment in making sound decisions regarding patient management. 8. Practice according to the ethical principles and legal requirements of the profession of paramedicine. | | | |
| Coursework | Course # | Course Title | Requisites | Credits |
| | Summer Term | | | |
| | BI 211 | Principles of Biology | MTH 95 or higher. Pre/Co: WR 121; CH 100 or higher, or permission of instructor | 5 |
| | CH 121 | General Chemistry I | Pre/co: MTH 95, WR 121 | 5 |
| | WR 121 | College Composition | IRW 115 or WR 115 or place into WR 121 | 4 |
| | MTH 95 | Intermediate Algebra | MTH 65 or equivalent placement; place into WR 115 | 4 |
| | Fall Term | | | |
| | BI 231 | Anatomy and Physiology Part 1 | BI 211 | 4 |
| | EMS 100 | Introduction to Emergency Medical Services | IRW 115 or WR 115 or equivalent placement | 2 |
| | EMS 105 | EMT Basic Part 1 | IRW 115 or WR 115 or equivalent placement; placement into MTH 65; current HCP CPR card | 6 |
| | Winter Term | | | |
| | BI 232 | Anatomy and Physiology Part 2 | BI 231 with a "C" or better | 4 |
| | EMS 106 | EMT Basic Part 2 | EMS 105 with a "C" or better at CGCC within previous 5 terms; current HCP CPR card | 6 |
| | PSY 215 | Human Development | placement into MTH 6 or MTH 98; Pre/co: WR 121; Recommended: PS 201A or PSY 202A | 4 |
| | Spring Term | | | |
| | BI 233 | Human Anatomy & Physiology Part 3 | BI 232 with a "C" or better | 4 |
| | EMS 115 | Crisis Intervention | IRW 115 or WR 115 or equivalent placement | 3 |
| | COMM 214 | Interpersonal Communication: Process & Theory | placement into MTH 65 or MTH 98; Pre/co: WR 121 | 4 |
| | MP 111 | Medical Terminology | Placement into IRW 115 or WR 115 | 4 |
| | Summer Term | | | |
| | EMS 116 | Intro to Emergency Medical Rescue | EMS 106, Valid driver's license | 3 |
| | Fall Term | | | |
| | EMS 210 | Paramedic Part 1 | EMS 100, EMS 105, EMS 106, EMS 115, EMS 116. Coreq: EMS 220 | 9 |
| | EMS 220 | Paramedic Lab 1 | EMS 100, EMS 105, EMS 106, EMS 115, EMS 116. Coreq: EMS 210 | 3 |
| | Winter Term | | | |
| | EMS 211 | Paramedic Part 2 | EMS 210, EMS 220. Coreq: EMS 221, EMS 231 | 8 |
| | EMS 221 | Paramedic Lab 2 | EMS 210, EMS 220. Coreq: EMS 211, EMS 231 | 2 |
| | EMS 231 | Paramedic Clinical 1 | EMS 210, EMS 220. Coreq: EMS 211, EMS 221 | 3 |
| | Spring Term | | | |
| | EMS 212 | Paramedic Part 3 | EMS 211, EMS 221, EMS 231. Coreq: EMS 222, EMS 232 | 7 |
| | EMS 222 | Paramedic Lab 3 | EMS 211, EMS 221, EMS 231. Coreq: EMS 212, EMS 232 | 2 |
| | EMS 232 | Paramedic Clinical 2 | EMS 211, EMS 221, EMS 231. Coreq: EMS 212, EMS 222, or instructor permission | 3 |
| | Summer Term | | | |
| | EMS 270 | Paramedic Capstone Internship | EMS 212, EMS 222, EMS 232, or instructor permission | 9 |

NEW CERTIFICATE (Sheet 4)

Add any ammendments in **Bold & Italics**

| | | | | |
|------------|--|--|---|---------|
| Title | Emergency Medical Technician (28 credits) | | | |
| Requisites | IRW 115 or WR 115 or equivalent placement | | | |
| | MTH 65 or equivalent placement | | | |
| Outcomes | 1. Effectively assess patients and make critical decisions in a variety of settings at an EMT entry-level. | | | |
| | 2. Competently treat, extricate, and transport patients in a variety of settings at an EMT entry-level. | | | |
| | 3. Apply for positions as EMTs with ambulance services either paid or volunteer. | | | |
| | 4. Effectively communicate, interact and work appropriately with patients and their family, fellow emergency workers, hospital health care providers, and supervisors. | | | |
| | 5. Demonstrate professional and ethical behavior as an EMS health care provider. | | | |
| | 6. Demonstrate the knowledge, skills, and critical thinking necessary to sit for the state and National Registry EMT exams. | | | |
| Coursework | Course # | Course Title | Requisites | Credits |
| | Summer Term | | | |
| | WR 121 | College Composition | IRW 115 or WR 115 or place into WR 121 | 4 |
| | MTH 95 | Intermediate Algebra | MTH 65 or equivalent placement; place into WR 115 | 4 |
| | Fall Term | | | |
| | EMS 100 | Introduction to Emergency Medical Services | IRW 115 or WR 115 or equivalent placement | 2 |
| | EMS 105 | EMT Basic Part 1 | IRW 115 or WR 115 or equivalent placement; placement into | 6 |
| | Winter Term | | | |
| | EMS 106 | EMT Basic Part 2 | EMS 105 with a "C" or better at CGCC within previous 5 terms; | 6 |
| | Spring Term | | | |
| | EMS 115 | Crisis Intervention | IRW 115 or WR 115 or equivalent placement | 3 |
| | Summer Term | | | |
| | EMS 116 | Intro to Emergency Medical Rescue | EMS 106, Valid driver's license | 3 |

NEW DEGREE (Sheet 5)

Add any amendments in **Bold & Italics**

Title Advanced Manufacturing and Fabrication (98 credits)

Requisites
Placement into WR 115
Placement into MTH 98

- Outcomes
1. Produce welds to AWS standard in fillet and grooves using GMAW, SMAW and GTAW processes.
 2. Demonstrate knowledge of basic CNC operations and G Code
 3. Generate product designs and blueprints using CAD software.
 4. Manufacture multi-part assembly products from problem solving process to design and reality, including at quantity production run.
 5. Apply basic metallurgical concepts and basic materials science as they pertain to metals, creating better production results in manufacturing processes.
 6. Demonstrate knowledge of necessary mathematical concepts as they apply to manufacturing.
 7. Use critical thinking and problem-solving skills to create more efficient systems of manufacturing.

| Coursework | Course # | Course Title | Requisites | Credits |
|--------------------|----------|---|--|---------|
| Fall Term | | | | |
| | MFG 195 | Welding Technology I | none | 3 |
| | MFG 150 | Basic Manufacturing Processes | Pre/co: MFG 195 | 3 |
| | MFG 155 | Blueprint Reading and Design | Pre/co: MFG 195 | 3 |
| | MTH 98 | Quantitative Math | Placement into MTH 98 | 4 |
| | WR 115 | Introduction to Expository Writing | Placement into WR 115 | 4 |
| Winter Term | | | | |
| | MFG 151 | Fabrication Processes 1 | MFG 150 | 3 |
| | MFG 156 | Integrated Manufacturing 1 | MFG 155 | 3 |
| | MFG 280 | Aluminum GTAW Fabrication Processes 1 | MFG 195, MFG 150 | 3 |
| | MFG 281 | Aluminum GTAW Fabrication Processes 2 | Co-requisite MFG 280 | 3 |
| | MFG 285 | Stainless Steel GTAW Fabrication Processes 1 | MFG 195, MFG 150 | 3 |
| Spring Term | | | | |
| | MFG 152 | Fabrication Processes 2 | MFG 151 | 3 |
| | MFG 157 | Integrated Manufacturing 2 | MFG 156 | 3 |
| | MFG 282 | Aluminum GTAW Fabrication Processes 3 | MFG 281 | 3 |
| | MFG 286 | Stainless Steel GTAW Fabrication Processes 2 | MFG 285 | 3 |
| | MFG 287 | Stainless Steel GTAW/TIG Fabrication | Co-requisite MFG 286 | 3 |
| Fall Term | | | | |
| | MFG 201 | Tube and Pipe Fabrication 1 | MFG 150 and MFG 155 | 3 |
| | MFG 210 | Introduction to Computer Aided Design and Tolerancing | MFG 155 | 3 |
| | MFG 220 | Production Manufacturing 1 | MFG 157 | 3 |
| | WR 121 | English Composition | IRW 115 or WR 115 or equivalent placement | 4 |
| | | General Education | Place into MTH 65 or MTH 98; Pre/con: WR 121 | 4 |
| Winter Term | | | | |
| | MFG 202 | Tube Fabrication | MFG 201 | 3 |
| | MFG 211 | CAD Design for CNC Manufacturing 1 | MFG 210 | 3 |
| | MFG 221 | Production Manufacturing 2 | MFG 220 | 3 |
| | | General Education | Place into MTH 65 or MTH 98; Pre/con: WR 121 | 4 |
| | | General Education | Place into MTH 65 or MTH 98; Pre/con: WR 121 | 4 |
| Spring Term | | | | |
| | MFG 203 | Pipe Fabrication and Welding | MFG 201 | 3 |
| | MFG 212 | CAD Design for CNC Manufacturing 2 | MFG 211 | 3 |
| | MFG 222 | Production Manufacturing 3 | MFG 221 | 3 |
| | MFG 290 | Student Production Manufacturing Lab 1 | Pre/co: MFG 212, 222 | 4 |
| | | General Education | Place into MTH 65 or MTH 98; Pre/con: WR 121 | 4 |

NEW CERTIFICATE (Sheet 6)

Add any amendments in **Bold & Italics**

| | |
|------------|--|
| Title | Aviation Airframe (69 credits) |
| Requisites | WR 115 or IRW 115 or equivalent placement MTH 65 or equivalent placement |
| Outcomes | 1. Service, maintain, troubleshoot and repair airframe structures, systems and components. 2. Perform proficient, entry-level aviation maintenance on aircraft systems, including landing gear systems, instrument and navigation systems, fuel systems and aircraft electrical systems. 3. Apply knowledge of FAA regulations and industry standards. 4. Think critically, problem solve, and communicate effectively. 5. Apply math and physics principles in solving problems associated with aviation maintenance. 6. Work effectively in a team and/or group setting. 7. Sit for the Federal Aviation Administration (FAA) certification exam (written, oral and practical) for airframe. |

| Coursework | Course # | Course Title | Requisites | Credits |
|-------------|-------------------|--|---|---------|
| Fall Term | | | | |
| | AMT 191 | Aviation Maintenance: General 101 | MTH 65 or equivalent placement test score | 6 |
| | AMT 192 | Aviation Maintenance: General 102 | AMT 191 | 6 |
| | MTH 110 or higher | Technical Math | MTH 65 or equivalent placement | 4 |
| Winter Term | | | | |
| | AMT 193 | Aviation Maintenance: General 103 | AMT 192 | 6 |
| | AMT 194A | Aviation Maintenance: General 104A | AMT 193 | 3 |
| | AMT 194B | Aviation Maintenance: General 104B | Pre/co: AMT 194A | 3 |
| | WR 121 | College Composition | IRW 115 or WR 115 or equivalent placement | 4 |
| Spring Term | | | | |
| | AMT 195 | Aviation Maintenance: General 105 | AMT 194 or AMT 194A & 194B | 6 |
| | AMT 261 | Aviation Maintenance: Airframe 1 | MTH 65, AMT 105 | 6 |
| | AMT 262 | Aviation Maintenance: Airframe 2 | AMT 261 | 6 |
| Summer Term | | | | |
| | AMT 263 | Aviation Maintenance: Airframe 3 | AMT 262 | 6 |
| | AMT 264 | Aviation Maintenance: Airframe 4 | AMT 263 | 6 |
| | AMT 281 | Aviation Maintenance: Airframe Return to Service | AMT 264 | 3 |
| Fall Term | | | | |
| | PSY 101 | Psychology and Human Relations | MTH 20 or test; Prereq/concurrent WR 121 | 4 |

NEW CERTIFICATE (Sheet 7)

Add any amendments in **Bold & Italics**

| | |
|------------|--|
| Title | Aviation Powerplant (69 credits) |
| Requisites | WR 115 or IRW 115 or equivalent placement |
| | MTH 65 or equivalent placement |
| Outcomes | 1. Service, maintain, troubleshoot and repair powerplant systems and components. |
| | 2. Perform proficient, entry-level aviation maintenance skills on powerplant systems, including engine electrical and instrument systems, lubrication systems, ignition and starting systems, propellers, and fire protection systems. |
| | 3. Apply knowledge of FAA regulations and industry standards. |
| | 4. Think critically, problem solve, and communicate effectively. |
| | 5. Apply math and physics principles in solving problems associated with aviation maintenance. |
| | 6. Work effectively in a team and/or group setting. |
| | 7. Sit for the Federal Aviation Administration (FAA) certification exam (written, oral and practical) for powerplant. |

| Coursework | Course # | Course Title | Requisites | Credits |
|------------|-------------------|--|---|---------|
| | Fall Term | | | |
| | AMT 191 | Aviation Maintenance: General 101 | MTH 65 or equivalent placement test score | 6 |
| | AMT 192 | Aviation Maintenance: General 102 | AMT 191 | 6 |
| | MTH 110 or higher | Technical Math | MTH 65 or equivalent placement | 4 |
| | Winter Term | | | |
| | AMT 193 | Aviation Maintenance: General 103 | AMT 192 | 6 |
| | AMT 194A | Aviation Maintenance: General 104A | AMT 193 | 3 |
| | AMT 194B | Aviation Maintenance: General 104B | Pre/co: AMT 194A | 3 |
| | WR 121 | College Composition | IRW 115 or WR 115 or equivalent placement | 4 |
| | Spring Term | | | |
| | AMT 195 | Aviation Maintenance: General 105 | AMT 194 or AMT 194A & 194B | 6 |
| | Fall Term | | | |
| | AMT 271 | Aviation Maintenance: Powerplant 1 | MTH 65, AMT 195 | 6 |
| | AMT 272 | Aviation Maintenance: Powerplant 2 | AMT 271 | 6 |
| | PSY 101 | Psychology and Human Relations | MTH 20 or test; Prereq/concurrent WR 121 | 4 |
| | Winter Term | | | |
| | AMT 273 | Aviation Maintenance: Powerplant 3 | AMT 273 | 6 |
| | AMT 274 | Aviation Maintenance: Powerplant 4 | AMT 273 | 6 |
| | AMT 282 | Aviation Maintenance: Powerplant Return to Service | AMT 274 | 3 |
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