



Credit Transfer Pathway
FVTC Program: 106201 - Electro-Mechanical Technology
UW-Green Bay Program: Bachelor of Applied Studies-Interdisciplinary Studies
Academic Year: 2013-14

| FVTC | | | UW-Green Bay | | |
|--------------------------|--|--------------|--------------|--------------------|--------------|
| Course No. | Course Title | Credits | Course No. | Course Title | Credits |
| 10-609-101 | Electrical Safety, Industry | 1.00 | | | |
| 10-609-170 | Ladder Logic and Control Devices | 1.00 | | | |
| 10-609-172 | DC/AC Variable Speed Drives | 1.00 | | | |
| 10-609-173 | Programmable Logic Controllers 1 | 1.00 | | | |
| 10-620-103 | DC Circuits 3 - Aircraft/Electromechanical | 1.00 | | | |
| 10-620-152 | Industrial Solid State 1 | 1.00 | | | |
| 10-620-153 | Industrial Solid State 2 | 1.00 | | | |
| 10-620-154 | Hydraulics 1 | 1.00 | | | |
| 10-620-155 | Hydraulics 2 | 1.00 | | | |
| 10-620-156 | Hydraulics 3 | 1.00 | | | |
| 10-620-160 | Mechanical Linkages 1 | 1.00 | | | |
| 10-620-161 | Mechanical Linkages 2 | 1.00 | | | |
| 10-620-162 | Pneumatics 1 | 1.00 | | | |
| 10-620-163 | Pneumatics 2 | 1.00 | | | |
| 10-620-170 | Electrical Generators & Power Dist Systems | 1.00 | | | |
| 10-620-171 | Electrical Motors-DC | 1.00 | | | |
| 10-620-172 | Electrical Motors-AC | 1.00 | | | |
| 10-620-173 | Servomechanisms 1 | 1.00 | | | |
| 10-620-174 | Servomechanisms 2 | 1.00 | | | |
| 10-620-177 | Mechanical Drives 1 | 1.00 | | | |
| 10-620-178 | Mechanical Drives 2 | 1.00 | | | |
| 10-620-182 | Programmable Logic Controllers 2 | 1.00 | | | |
| 10-620-183 | Process Variables and Measurements 1 | 1.00 | | | |
| 10-620-184 | Process Variables and Measurements 2 | 1.00 | | | |
| 10-620-185 | Instrumentation and Process Control 1 | 1.00 | | | |
| 10-620-186 | Instrumentation and Process Control 2 | 1.00 | | | |
| 10-620-187 | Sensors | 1.00 | | | |
| 10-620-188 | System Troubleshooting | 1.00 | | | |
| 10-620-189 | Electromechanical Systems 1 | 1.00 | | | |
| 10-620-190 | Advanced AC/DC Variable Speed Drives | 1.00 | | | |
| 10-620-191 | Advanced Systems Control | 1.00 | | | |
| 10-620-192 | Advanced Programmable Logic Controllers 1 | 1.00 | | | |
| 10-660-110 | DC Circuits 1 | 1.00 | | | |
| 10-660-111 | DC Circuits 2 | 1.00 | | | |
| 10-660-114 | AC Circuits 1 | 1.00 | | | |
| 10-660-115 | AC Circuits 2 | 1.00 | | | |
| 10-660-120 | Solid State 1 | 1.00 | | | |
| 10-660-121 | Solid State 2 | 1.00 | | | |
| 10-660-130 | Digital Electronics Tech 1 | 1.00 | | | |
| 10-660-131 | Digital Electronics Tech 2 | 1.00 | | | |
| Technical Studies | | 40.00 | | | 51.00 |
| 10-801-195 | Written Communication | 3.00 | Eng Comp 100 | English Competency | 3.00 |
| 10-801-196 | Oral/Interpersonal Communication | 3.00 | | | |
| 10-801-197 | Technical Reporting | 3.00 | | | |
| 10-804-115 | College Technical Math 1 | 5.00 | | | |
| 10-804-116 | College Technical Math 2 | 4.00 | | | |
| 10-809-195 | Economics | 3.00 | SS1 | Social Science 1 | 3.00 |
| 10-809-199 | Psychology of Human Relations | 3.00 | SS1 | Social Science 1 | 3.00 |
| General Studies | | 24.00 | | | 9.00 |

| Suggested Electives | | | | |
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| 10-620-169 | Electronic Shop Practices | 1.00 | | |
| 10-620-193 | Advanced Programmable Logic Controllers 2 | 1.00 | | |
| 10-620-195 | Industrial Operations 1 | 1.00 | | |
| 10-620-196 | Industrial Operations 2 | 1.00 | | |
| 10-620-197 | Robotics 1 | 1.00 | | |
| 10-620-198 | Robotics 2 | 1.00 | | |
| 10-628-125 | CAD for Technicians | 1.00 | | |
| Electives | | 4.00 | | |
| Total credits needed at FVTC to complete degree: | | 68.00 | Total credits accepted: | 60.00 |

Notes:

Any additional credits completed outside of the Associate of Applied Science Degree requirements will need specific consideration. Please contact a UWGB advisor to determine the transferability of those additional credits.

| Additional courses needed to complete degree: | | |
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| Course No. | Course Title | Credits |
| FA | Fine Arts | 3.00 |
| HS1 | Humanities 1 | 3.00 |
| HS2 | Humanities 2 | 3.00 |
| HS3 | Humanities 3 | 3.00 |
| SS1 | Social Science 1 | 3.00 |
| HB1 | Human Biology 1 | 3.00 |
| HB2 | Human Biology 2 | 3.00 |
| NPS1 | Natural & Physical Science 1 | 3.00 |
| NPS2 | Natural & Physical Science 2 | 3.00 |
| CUL | World Culture | 3.00 |
| ETS | Ethnic Studies | 3.00 |
| Math 94 | Math Competency | 0.00 |
| General Education Requirements | | 33.00 |
| IST 106 | Adult Learning Seminar | 3.00 |
| | Writing Course | 3.00 |
| Major Requirements – Supporting Coursework | | 6.00 |
| CT | Critical Thinking | 3.00 |
| IST 400 | Capstone | 3.00 |
| Area of Emphasis | Choose one | |
| | Arts | 18.00 |
| | Corporate Communication | 24.00 |
| | Emergency Management | 12.00 |
| | Environmental Policy Studies | 21.00 |
| | Human Development | 18-19.00 |
| | Leadership in Public Service | 21.00 |
| | Nonprofit Leadership | 24.00 |
| | Self-directed | 12.00+ |
| Major Requirements – Upper-Level Coursework | | 18-30.00 |
| Writing emphasis courses will be completed with coursework above. | | |
| UL WE | Upper Level Writing Emphasis | 0.00 |
| UL WE | Upper Level Writing Emphasis | 0.00 |
| Total Credits | | 60.00 |
| Applied Associate Degree Coursework | | 60.00 |

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| Total credits needed to complete degree: | 120.00 |
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| For more information : <u><i>UW-Green Bay Adult Degree Programs</i></u> |
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