



**Credit Transfer Pathway**  
**FVTC Program: 106052 - Engineering Electronics Design & Manufacturing**  
**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
10-605-106	Solder Rework & Repair-IPC Prep	1.00			
10-605-112	DC Circuits 3 - Electronics/EET	1.00			
10-605-120	Circuit Simulation/Analysis	1.00			
10-605-121	Solid State 2-Electronics/EET	1.00			
10-605-122	PCB Assembly Systems	1.00			
10-605-124	Manufacturing Mechatronics	1.00			
10-605-125	Solid State 3	1.00			
10-605-129	PC Hardware/Operating Systems	1.00			
10-605-131	Digital Electronics 2 - Electronics/EET	1.00			
10-605-132	Digital Electronics 3	1.00			
10-605-134	Digital Electronics 1-Electronics/EET	1.00			
10-605-139	Intro to Microcontrollers	2.00			
10-605-142	LabVIEW and Data Acquisition (DAQ)	1.00			
10-605-147	Op-Amp Applications	1.00			
10-605-154	Embedded C Programming	2.00			
10-605-155	Product Testing/Systems	1.00			
10-605-156	CAD for Electronics	1.00			
10-605-157	Microcontroller Interfacing 1	2.00			
10-605-158	Microcontroller Interfacing 2	2.00			
10-605-159	PCB Design	1.00			
10-605-162	Electronics Final Project	2.00			
10-609-170	Ladder Logic and Control Devices	1.00			
10-609-171	Electrical Motors	1.00			
10-609-172	DC/AC Variable Speed Drives	1.00			
10-609-173	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			
10-660-126	Electronic Power Devices	1.00			
10-660-127	Intro to Operational Amplifiers	1.00			
10-660-150	Networking-Ethernet	1.00			
10-660-181	Technical Software Essentials	1.00			
<b>Technical Studies</b>		<b>39.00</b>		Applied Associate Degree Coursework	<b>48.00</b>
10-801-195	Written Communication	3.00	Eng Comp 100	Writing Competency	3.00
10-801-196	Oral/Interpersonal Communication	3.00			
10-804-115	College Technical Math 1	5.00			
10-804-116	College Technical Math 2	4.00			
10-806-143	College Physics 1	3.00	NPS1	Natural & Physical Science	3.00
10-809-195	Economics	3.00	SS1	Social Science 1	3.00
10-809-199	Psychology of Human Relations	3.00	SS2	Social Science 2	3.00
<b>General Studies</b>		<b>24.00</b>			<b>12.00</b>
Suggested Electives					
10-605-151	Automated Testing - GPIB & LabVIEW	1.00			
10-605-174	Programmable Logic Controllers & Drive Applications	1.00			
10-605-183	Wireless Communications 2	1.00			
<b>Electives</b>		<b>4.00</b>			

**Total credits needed at FVTC to complete degree: 67.00**

**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.

<b>Additional courses needed to complete degree:</b>		
<b>Course No.</b>	<b>Course Title</b>	<b>Credits</b>
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
NPS2	Natural & Physical Science 2	3.00
CUL	World Culture	3.00
ETS	Ethnic Studies	3.00
Math 94	Math Competency	0.00
<b>General Education Requirements</b>		<b>30.00</b>
IST 106	Adult Learning Seminar	3.00
	Writing Course	3.00
<b>Major Requirements – Supporting Coursework</b>		<b>6.00</b>
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+
<b>Major Requirements – Upper-Level Coursework</b>		<b>18-30.00</b>
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
<b>Total Credits</b>		<b>60.00</b>
<b>Applied Associate Degree Coursework</b>		<b>60.00</b>
<b>Total credits needed to complete degree:</b>		<b>120.00</b>
<b>For more information : <a href="#">UW-Green Bay Adult Degree Programs</a></b>		