

Fox Valley Technical College Electro-Mechanical Engineering Technology Associate Degree To UW-Green Bay Bachelor of Science in Electrical Engineering Technology

*Students must earn their Associates degree in Electro-Mechanical Technology as well as complete
all of the courses in the program at FVTC to be awarded block credit at UW-Green Bay*

This page details how your FVTC work will transfer to UW-Green Bay

Fox Valley Technical College			UW-Green Bay		
Course No.	Course Title	Credits	Course No.	Course Title/Field	Credits
609-101	Electrical Safety/Industry	1	ET 101	Fund of ET	2
620-103	DC Cir 3 Aircraft/Electromech	1	ET 105	Fund of Drawing	3
660-110	DC Circuits 1	1	ET 130	Basic Elec Circuit 1	3
660-111	DC Circuits 2	1	ET 131	Basic Elec Circuit 11	3
660-114	AC Circuits 1	1	ET 142	Intro to Programming	3
660-115	AC Circuits 2	1	ET 150	Codes, Safety, Stand	2
660-120	Solid State 1	1	ET 232	Semiconductor Dev	3
620-152	Ind Solid State 1	1	ET 240	Microcon & PLCs	3
620-153	Ind Solid State 2	1	ET 250	Signals and Sys	3
620-154	Hydraulics 1	1	ET 311	Digital Electronics	3
620-155	Hydraulics 2	1		Elective Credit Block	21
620-156	Hydraulics 3	1			
660-121	Solid State 2	1			
660-130	Dig Elect Tech 1	1			
660-131	Dig Elec Tech 2	1			
620-160	Mech Linkages	1			
620-161	Mech Linkages 2	1			
620-162	Pneumatics 1	1			
620-163	Pneumatics 2	1			
620-192	Adv PLCs 1	1			
609-170	Ladder Logic/Control Dev	1			
609-172	DC/AC Var Speed Drives	1			
609-173	PLCs 1	1			
620-170	Elec Gen & Power Dist	1			

620-171	Elec Motors DC	1			
620-172	Elec Motors DC	1			
620-173	Servomechanisms 1	1			
620-174	Servomechanisms 2	1			
620-177	Mechanical Drives 1	1			
620-178	Mechanical Drives 2	1			
620-182	PLCs 2	1			
620-183	Proc Var & Measure 1	1			
620-184	Proc Var & Measure 2	1			
620-185	Instr & Proc Control 1	1			
620-186	Instr & Proc Control 2	1			
620-187	Sensors	1			
620-188	System Troubleshoot	1			
620-189	Electromech Sys 1	1			
620-190	Adv AC/DC Var Speech Drives	1			
620-191	Adv Systems Control	1			
620-193	ADV PLCs 2	1			
620-169	Electronic Shop Prac	1			
628-125	CAD for Technicians	1			
	Elective	1			
801-195	Written Communication	3	WF 100	First Year Writing Writing Competency	3
801-196	Oral/Interpersonal Communication	3	COMM 166	Fundamentals of Interpersonal Communication Gen Ed: First Year Seminar	3
804-113	College Technical Math 1	5	MATH 104	Elem Func: Int Alg/Trig Math Competency	4
804-114	College Technical Math 1	4			
801-197	Technical Reporting	3		Elective Credit	3
809-199	Psych of Human Relations	3		Psych Elective Gen Ed: Social Science	3
809-1795	Economics	3		Econ Elective Gen Ed: Social Science	3
Total credits earned at FVTC		68	Total credits accepted at UW-Green Bay		68
Courses required at UWGB					
MATH 202		Calculus & Analytic Geometry (Gen Ed: Quantitative Literacy)			4
MATH 203		Calculus & Analytic Geometry 11			4

PHYSICS 103	Fundamentals of Physics 1	5
PHYSICS 104	Fundamentals of Physics 2	5
ET 233	Linear Circuits	3
ET 324	Motors and Drives	3
ET 340	Advanced Programmable Logic Controllers	3
ET 342	Supervisory Control and Data Acquisition	3
4344	Human Machine Interface	3
ET 346	Electrical Power Systems	3
ET 348	Electromagnetic Fields & Applications	3
ET 350	Data Communication & Protocols	3
ET 360	Project Management	3
MATH 320	Linear Algebra and Matrix Theory	4
ET 400 OR ET 410	Co-op/Internship Capstone Project	3
	Gen Ed: Ethnic Studies	3
	Gen Ed: Global Culture	3
	Gen Ed: Sustainability Perspective	3
	Gen Ed: Natural Science	3
	Gen Ed. Biological Science	3
	Gen Ed: Humanities	3
	Gen Ed: Humanities	3
	Gen Ed: Fine Arts	3
Minimum credits needed at UW-Green Bay		76