Engineering Technology Credit Transfer:
FVTC Associate Degree to UWGB Bachelor's Degree

In accordance with the University of Wisconsin System guidelines for articulation agreements between UW System institutions and Wisconsin Technical College System (WTCS) districts, the following associates programs at Fox Valley Technical College (FVTC) will count for significant block credit transfers into the Mechanical and Electrical Engineering Technology programs at UW-Green Bay (UWGB). Each will be discussed separately with material required by the ACIS 6.2 guidelines for developing program-to-program articulation agreements.

1. UW-Green Bay Mechanical Engineering Technology BS

Presented below is the curriculum for UWGB's Mechanical Engineering Technology Program.

UWGB Mechanical Engineering BS requirements

(without general education and graduation requirements, unless fulfilled by degree requirements)

Support Group (32-37 credits)	
ET 101	Fundamentals of Engineering Technology (2 cr)
ET 130	Basic Electrical Circuits I (3 cr)
either both	
CHEM 211, 213	Principles of Chemistry I Lecture and Lab (5 cr)
CHEM 212, 214	Principles of Chemistry II Lecture and Lab (5 cr)
or	
ET 206	Chemistry for Engineers (5cr)
MATH 202	Calculus & Analytic Geometry I
MATH 203	Calculus & Analytic Geometry II
MATH 260	Introductory Statistics (4 cr)
PHYSICS 103 or 201	Fundamentals of Physics I (5 cr) or Principles of Physics I – either algebra or calculus based
PHYSICS 104 or 202	Fundamentals of Physics II (5 cr) or Principles of Physics II – either algebra or calculus based

Fundamentals Group (24 credits)	
ENGR 213	Mechanics I: Statics (3 cr)
ENGR 214	Mechanics II: Dynamics (3 cr)
ET 105	Fundamentals of Drawing (3 cr)
ET 106	Parametric Modeling I (2 cr)
ET 116	Basic Manufacturing Processes (3 cr)
ET 118	Fluids I (2 cr)
ET 207	Parametric Modeling II (2cr)
ET 220	Mechanics of Materials (3 cr)
ET 221	Machine Components (3 cr)

Advanced Study Group (28 credits)	
CHEM 320/PHYSICS 320	Thermodynamics & Kinetics (3 cr)
ENGR 301	Engineering Materials (4 cr)

ET 308	Finite Element Analysis (3 cr)
ET 318	Fluids II (2 cr)
ET 322	Design Problems (3 cr)
ET 324	Motors & Drives (3 cr)
ET 360	Project Management (3 cr)
ET 390	Mechatronics (4 cr)

One of

ET 410	Capstone Project (3 cr)
ET 400	Co-op/Internship in Engineering Technology (3 cr)

A. FVTC Mechanical Design Technology 10-606-1 Associate's Degree

Rationale for how programs are related: The Associates program in Mechanical Design Technology is a good fit for the fundamentals group of courses in UW-Green Bay's Mechanical Engineering Technology (MET) program. Students completing the Associate's degree will meet the desired learning outcomes for the fundamentals course array and some of the supporting courses in UWGB's BS MET degree. Presented below are the curriculum for FVTC's Associate's program, the array of courses in the UWGB program that the Associate's program will fulfill in a block transfer, and recommendations for students pursuing this completion route.

Proposed Articulated Block of Courses

Note that the two lists below, FVTC Associate's degree requirement and block list of classes that the Associate's will fulfill, are not equivalent course lists. The FVTC list is the required course list for the associate's degree and the UWGB list is the fundamentals and supporting course block that the FVTC degree will fulfill.

FVTC Mechanical Design Technology Associate

Course #	Course name	Credits
10-420-145	Man. Proc. Cold Machin.	2
10-606-113	Tech. Drafting 1	5
10-606-127	Inter. AutoCAD	1
10-606-102	CATIA V5 Basic	2
10-606-117	Tech. Drafting 2	4
10-457-103	Man. Proc. Hot Welding	2
10-606-115	Design of Tooling	4
10-606-119	Statics/Strength of Mats.	3
10-606-123	Kinematics	4
10-420-111	Metallurgy	2
10-606-109	Geometric Dim. & Toler.	2
10-606-111	Design Problems	4
10-606-121	Elements Machine Design	3
10-806-144	College Physics 2	3
10-801-196	**Oral/Interper. Comm.**	3
10-804-115	Coll. Tech. Math 1	5
10-801-195	**Written Communication**	3
10-809-197	**Cont. Amer. Society**	3

UWGB Courses

Course #	Course name	Credits
ET 101	Fund. Eng. Tech.	2
ET 105	Fund. Of Drawing	3
ET 106	Parametric Model I	2
ET 116	Basic Man. Process	3
ET 118	Fluids I	2
ET 207	Parametric Model II	2
ET 220	Mech. Of Materials	3
ET 221	Machine Components	3
Physics 104	Fund of Physics II	5
First Year Seminar		3
English Competency		3
Social Science		3
Social Science		3
Social Science		3
Communications		3
Math 104	**Elem Func: Int Alg/Trig**	4
Elective Credits		22
		69

10-804-116	***Coll. Tech. Math 2***	4		
10-809-199	**Psychology of Human Rel.**	3		
10-809-195	**Economics**	3		
Select the following 2 courses as the elective options:				
10-419-101	Fluid Power: Mech. Des.	2		
10-606-128	Adv. AutoCAD	2		**Direct Course Equivalent**
		69		General Education Course

Recommendations for students:
For FVTC students planning to pursue a BS in Engineering Technology, the following courses and their UWGB equivalents are recommended.

Course	**FVTC #**	**credits**		**UWGB #**	**credits**
Tech. Calculus 1	10-804-120	4	=	MATH 202 Calculus & An Geo I	4
College Physics 1	10-806-143	3	=	PHYSICS 103 Fund of Physics I	3
General Chemistry	10-806-134	4	=	ET 206 Chem. For Eng.	4
DC Circuits 1	10-660-110	1	=	ET 130 Basic Elec. Circuit I	3
and DC Circuits 2	10-660-111	1			
and DC Circuits 3	10-660-112	1			

Courses still needed at UWGB

Course		Credits
ENGR 213	Mechanics I: Statics	3
ENGR 214	Mechanics II: Dynamics	3
ET 130	Basic Elec. Circuit I	3
ET 206	*Chemistry for Eng.*	*5*
	Or BOTH	
	CHEM 211/213 Principles of Chemistry 1 (lec & lab)	*5*
	CHEM 212/214 Principles of Chemistry 2 (lec & lac)	*5*
MATH 202	Calculus & Analytic Geometry I	4
MATH 203	Calculus & Analytic Geometry II	4
MATH 260	Introductory Statistics	4
PHYSICS 103	Fundamentals of Physics I	5
Advanced study group		28

Remaining pre-requisite courses, general education & graduation requirements

2. UW-Green Bay Electrical Engineering Technology BS

Presented below is the curriculum for UWGB's Electrical Engineering Technology Program.

UWGB Electrical Engineering BS requirements

(without general education and graduation requirements, unless fulfilled by degree requirements)

Support Group (20 credits)

ET 101	Fundamentals of Engineering Technology (2 cr)
MATH 202	Calculus & Analytic Geometry I (4 cr)
MATH 203	Calculus & Analytic Geometry II (4 cr)
PHYSICS 103 or 201	Fundamentals of Physics I or Principles of Physics I (5 cr) – either algebra or calculus based
PHYSICS 104 or 202	Fundamentals of Physics II or Principles of Physics II (5 cr)-either algebra or calculus based

Fundamentals Group (29 credits)

ET 105	Fundamentals of Drawing (3 cr)
ET 130	Basic Electrical Circuits I (3 cr)
ET 131	Basic Electrical Circuits II (3 cr)
ET 142	Introduction to Programming (3 cr)
ET 150	Codes, Safety, and Standards (2 cr)
ET 232	Semiconductor Devices (3 cr)
ET 233	Linear Circuits (3 cr)
ET 240	Microcontrollers & Programmable Logic Controllers (3 cr)
ET 250	Signals and Systems (3 cr)
ET 311	Digital Electronics (3 cr)

Advanced Study Group (31 credits)

ET 324	Motors and Drives (3 cr)
ET 340	Advanced PLCs (3 cr)
ET 342	Supervisory Control and Data Acq (3 cr)
ET 344	Human Machine Interface (3 cr)
ET 346	Electric Power Systems (3 cr)
ET 348	Electromagnetic Fields and Applications (3 cr)
ET 350	Data Communication and Protocols (3 cr)
ET 360	Project Management (3 cr)
ET 390	Mechatronics (4 cr)

One of

ET 410	Capstone Project (3 cr)
ET 400	Co-op/Internship in Engineering Technology (3 cr)

A. FVTC Automated Manufacturing Systems Technology AAS 10-628-3

Rationale for how programs are related: The Associate's program in Automated Manufacturing Systems Technology is a good fit for the fundamentals group of courses in UW-Green Bay's Electrical Engineering Technology (ElecET) program. Students completing the Associate's degree will meet the desired learning outcomes for the fundamentals course array and some of the supporting courses in UWGB's BS ElecET degree. Presented below are the curriculum for FVTC's Associate's program, the array of courses in the UWGB program that the Associate's program will fulfill in a block transfer, and recommendations for FVTC students pursuing this completion route.

Proposed Articulated Block of Courses

Note that the two lists below, FVTC Associate's degree requirement and block list of UWGB classes that the Associate's will fulfill, are not equivalent course lists. The FVTC list is the required course list for the Associate's degree and the UWGB list is the fundamentals and supporting course block that the FVTC degree will fulfill.

FVTC Automated Manufacturing Systems Technology Associate

Course #	Course name	Credits
10-609-170	Ladder Logic/Con. Dev.	1
10-609-173	Progam. Logic Control.	1
10-628-101	Con. Program. For Technicians	1
10-628-180	Computer Sys.	2
10-660-110	DC Circuits 1	1
10-660-111	DC Circuits 2	1
10-660-112	DC Circuits 3	1
10-660-114	AC Circuits 1	1
10-660-181	Tech. Software Essen.	1
10-419-103	Fluid Power	3
10-628-113	Electronic Constr. Apps	1
10-628-152	PLC 2	1
10-628-153	PLC 3	1
10-628-183	Visual Basic Program.	3
10-628-187	AutoCAD Fund.	1
10-628-188	Blueprint Read/AutoCAD	1
10-660-128	Semiconductors 1	1
10-660-129	Semiconductors 2	1
10-628-112	Robotics	2
10-628-131	Instr. & Proc. Control	3
10-628-142	Elements of Machines	2
10-628-154	PLC 4	1
10-628-155	PLC 5	1
10-628-159	Operator Interfaces	1
10-620-142	Motors and Drives 2	1
10-620-148	Motors and Drives 1	1
10-628-141	Cell Integration	3
10-628-143	Enterprise Integration	2
10-628-144	Electrical Power Sys.	2
10-801-196	**Oral/Interper. Comm.**	3
10-804-113	Coll. Tech. Math 1A	3

UWGB Courses

Course #	Course name	Credits
ET 101	Fund. Eng. Tech.	2
ET 105	Fund. of Drawing	3
ET 130	Basic Elec. Circuits I	3
ET 131	Basic Elec. Circuits II	3
ET 142	Intro. to Programming	3
ET 150	Codes, Safety, Stand.	2
ET 240	Microcon. & PLCs	3
ET 250	Signals and Systems	3
ET 311	Digital Electronics	3
First Year Sem.		3
Communications		3
Communications		3
English Competency		3
Social Science		3
Social Science		3
MATH 104	**Elem Func: Int Alg/Trig**	4
Electives Credits		20
		70

10-801-195	**Written Comm**.	3
10-804-114	Coll. Tech. Math 1B	2
10-809-199	**Psychology of Hum. Rel**.	3
10-801-197	**Technical Reporting**	**3**
10-809-195	**Economics**	**3**
Select the following 1 course as the elective options:		
10-804-116	**Coll. Tech. Math 2**	4
Select the following 2 courses as the elective options:		
10-628-136	Automated Sys. Design	2
10-628-157	Adv. Industrial Apps.	2
		70

Direct Course Equivalent

General Education Course

Recommendations for students:

For FVTC students planning to pursue a BS in Engineering Technology, the following courses and their UWGB equivalents are recommended.

Course	FVTC #	credits	UWGB #	credits
College Physics 1	10-806-143	3	PHYSICS 103 Fund of Physics I	3
College Physics 2	10-806-144	3	PHYSICS 104 Fund of Physics II	3
Tech. Calculus 1	10-804-120	4	MATH 202 Calculus & An Geo I	4
Linear Circuits	10-605-119	3	ET 233 Linear Circuits	3

Courses still needed at UWGB

Course	Credits
ET 233 Linear Circuits	3
MATH 202 Calculus & Analytic Geometry I	4
MATH 203 Calculus & Analytic Geometry II	4
PHYSICS 103 Fundamentals of Physics I	5
PHYSICS 104 Fundamentals of Physics II	5
Advanced study group	31

Remaining pre-requisite courses, general education & graduation requirements

B. FVTC Electrical Engineering Technology AAS 10-662-1

Rationale for how programs are related: The Associate's program in Electrical Engineering Technology is a good fit for the fundamentals group of courses in UW-Green Bay's Electrical Engineering Technology (ElecET) program. Students completing the Associate's degree will meet the desired learning outcomes for the fundamentals course array and some of the supporting courses in UWGB's BS ElecET degree. Presented below are the curriculum for FVTC's Associate's program, the array of courses in the UWGB program that the Associate's program will fulfill in a block transfer, and recommendations for FVTC students pursuing this completion route.

Proposed Articulated Block of Courses

Note that the two lists below, FVTC Associate's degree requirement and block list of UWGB classes that the Associate's will fulfill, are not equivalent course lists. The FVTC list is the required course list for the Associate's degree and the UWGB list is the fundamentals and supporting course block that the FVTC degree will fulfill.

FVTC Electrical Engineering Associate

Course #	Course name	Credits
10-605-130	Digital 1	1
10-605-131	Digital Electronics 2	1
10-660-110	DC Circuits 1	1
10-660-111	DC Circuits 2	1
10-660-112	DC Circuits 3	1
10-660-114	AC Circuits 1	1
10-660-151	Embedded Prog. 1	1
10-660-163	Construction Techniques	1
10-660-181	Tech. Software Essen.	1
10-660-183	PC Hardware/Op. Sys.	1
10-605-106	Solder Rework/Repair	1
10-605-113	DC Circuits 4	1
10-605-116	AC Circuits 3	1
10-605-125	Semiconductors 3	1
10-605-146	Embedded Prog. 2	1
10-605-148	Embedded Prog. 3	1
10-660-115	AC Circuits 2	1
10-660-128	Semiconductors 1	1
10-660-129	Semiconductors 2	1
10-605-118	Circuit Analysis	2
10-605-119	Linear Electronics	3
10-605-160	Microcon. Interfacing	3
10-605-132	Digital Electronics 3	2
10-804-115	Coll. Tech. Math 1	5
10-804-116	**Coll. Tech. Math 2**	4
10-806-143	College Physics 1	3
10-801-195	**Written Comm**.	3
10-804-120	**Tech. Calculus 1**	4
10-801-197	**Technical Report.**	3
10-804-119	Tech. Calculus 2	4
10-809-195	**Economics**	3
10-809-196	**Intro. to Sociology**	3
10-809-199	**Psychology Hum. Rel.**	3

UWGB Courses

Course #	Course name	Credits
ET 101	Fund. of Eng. Tech	2
ET 105	Fund. of Drawing	3
ET 130	Basic Elec. Circuits I	3
ET 131	Basic Elec. Circuits II	3
ET 142	Intro. to Programming	3
ET 150	Codes, Safety, Stand.	2
ET 232	Semicon. Devices	3
ET 233	Linear Circuits	3
ET 240	Microcontrol. & PLCs	3
ET 250	Signals & Systems	3
ET 311	Digital Electronics	3
MATH 202	**Calculus & An Geo I**	4
MATH 203	Calculus & An Geo II	4
Physics 103	Funds of Physics I	5
English Competency		3
First Year Seminar		3
Social Science		3
Social Science		3
Social Science		3
Communications		3
MATH 104	**Elem Func: Int Alg/Trig**	4
Elective Credits		4
		70

10-662-112	Adv. Circuit Analysis 1	3	
10-662-124	Adv. Circuit Analysis 2	3	**Direct Course Equivalent**
		70	General Education Course

Recommendations for students:
For FVTC students planning to pursue a BS in Engineering Technology, the following courses and their UWGB equivalents are recommended.

Course	FVTC #	credits	UWGB #	credits
College Physics 2	10-806-144	3	PHYSICS 104 Fund of Physics II	3

Courses still needed at UWGB

Course	Credits
PHYSICS 104 Fundamentals of Physics II	5
Advanced study group	31

Remaining pre-requisite courses, general education & graduation requirements

C. FVTC Electro-Mechnical Engineering Technology AAS 10-662-1

Rationale for how programs are related: The Associate's program in Electro-Mechanical Technology is a good fit for the fundamentals group of courses in UW-Green Bay's Electrical Engineering Technology (ElecET) program. Students completing the Associate's degree will meet the desired learning outcomes for the fundamentals course array and some of the supporting courses in UWGB's BS ElecET degree. Presented below are the curriculum for FVTC's Associate's program, the array of courses in the UWGB program that the Associate's program will fulfill in a block transfer, and recommendations for FVTC students pursuing this completion route.

Proposed Articulated Block of Courses

Note that the two lists below, FVTC Associate's degree requirement and block list of UWGB classes that the Associate's will fulfill, are not equivalent course lists. The FVTC list is the required course list for the Associate's degree and the UWGB list is the fundamentals and supporting course block that the FVTC degree will fulfill.

FVTC Electro-Mechanical Technology Associate			**UWGB Courses**		
Course #	**Course name**	**Credits**	**Course #**	**Course name**	**Credits**
10-609-101	Electrical Safety/Industry	1	ET 101	Fund. of Eng. Tech.	2
10-620-103	DC Cir 3 Aircraft/Electromech.	1	ET 105	Fund. of Drawing	3
10-660-110	DC Circuits 1	1	ET 130	Basic Elec. Circuit I	3
10-660-111	DC Circuits 2	1	ET 131	Basic Elec. Circuit II	3
10-660-114	AC Circuits 1	1	ET 142	Intro. to Programming	3
10-660-115	AC Circuits 2	1	ET 150	Codes, Safety, Stand.	2

10-660-120	Solid State 1	1
10-620-152	Ind. Solid State 1	1
10-620-153	Ind. Solid State 2	1
10-620-154	Hydraulics 1	1
10-620-155	Hydraulics 2	1
10-620-156	Hydraulics 3	1
10-660-121	Solid State 2	1
10-660-130	Dig. Elect. Tech. 1	1
10-660-131	Dig. Elec. Tech. 2	1
10-620-160	Mech. Linkages 1	1
10-620-161	Mech. Linkages 2	1
10-620-162	Pneumatics 1	1
10-620-163	Pneumatics 2	1
10-620-192	Adv. PLCs 1	1
10-609-170	Ladder Logic/Control Dev.	1
10-609-172	DC/AC Var. Speed Drives	1
10-609-173	PLCs 1	1
10-620-170	Elec. Gen. & Power Dist.	1
10-620-171	Elec. Motors DC	1
10-620-172	Elec. Motors AC	1
10-620-173	Servomechanisms 1	1
10-620-174	Servomechanisms 2	1
10-620-177	Mechanical Drives 1	1
10-620-178	Mechanical Drives 2	1
10-620-182	PLCs 2	1
10-620-183	Proc. Var. & Measure. 1	1
10-620-184	Proc. Var. & Measure 2	1
10-620-185	Instr. & Proc. Control 1	1
10-620-186	Instr. & Proc. Control 2	1
10-620-187	Sensors	1
10-620-188	System Troubleshoot.	1
10-620-189	Electromech. Sys. 1	1
10-620-190	Adv. AC/DC Var. Speed Drives	1
10-620-191	Adv. Systems Control	1
10-801-195	**Written Comm.**	3
10-804-115	Coll. Tech. Math 1	5
10-801-196	**Oral/Interper. Comm.**	3
10-804-116	**Coll. Tech. Math 2**	4
10-809-199	**Psychology of Human Rel.**	3
10-801-197	**Technical Reporting**	3
10-809-195	**Economics**	3
Must select the following 3 courses as elective options:		
10-620-193	Adv. PLCs 2	1
10-620-169	Electronic Shop Prac.	1
10-628-125	CAD for Technicians	1
1 cr. Additional Elective from prescribed FVTC list		1
		68

ET 232	Semiconductor Dev.	3
ET 240	Microcon. & PLCs	3
ET 250	Signals and Sys.	3
ET 311	Digital Electronics	3
English Competency		3
First Year Seminar		3
Social Science		3
Social Science		3
Communications		3
Communications		3
MATH 104	**Elem Func: Int Alg/Trig**	4
Elective Credits		18
		68

Direct Course Equivalent

General Education Course

Recommendations for students:
For FVTC students planning to pursue a BS in Engineering Technology, the following courses and their UWGB equivalents are recommended.

Course	FVTC #	credits		UWGB #	credits
College Physics 1	10-806-143	3	=	PHYSICS 103 Fund of Physics I	3
College Physics 2	10-806-144	3	=	PHYSICS 104 Fund of Physics II	3
Tech. Calculus 1	10-804-120	4		MATH 202 Calculus & An Geo I	4
Linear Circuits	10-605-119	3		ET 233 Linear Circuits	3

Courses still needed at UWGB

Course	Credits
ET 233 Linear Circuits	3
MATH 202 Calculus & Analytic Geometry I	4
MATH 203 Calculus & Analytic Geometry II	4
PHYSICS 103 Fundamentals of Physics I	5
PHYSICS 104 Fundamentals of Physics II	5
Advanced study group	31

Remaining pre-requisite courses, general education & graduation requirements

D. FVTC Electronic Engineering Technology AAS 10-605-7

Rationale for how programs are related: The Associate's program in Electronic Engineering Technology is a good fit for the fundamentals group of courses in UW-Green Bay's Electrical Engineering Technology (ElecET) program. Students completing the Associate's degree will meet the desired learning outcomes for the fundamentals course array and some of the supporting courses in UWGB's BS ElecET degree. Presented below are the curriculum for FVTC's Associate's program, the array of courses in the UWGB program that the Associate's program will fulfill in a block transfer, and recommendations for FVTC students pursuing this completion route.

Proposed Articulated Block of Courses

Note that the two lists below, FVTC Associate's degree requirement and block list of UWGB classes that the Associate's will fulfill, are not equivalent course lists. The FVTC list is the required course list for the Associate's degree and the UWGB list is the fundamentals and supporting course block that the FVTC degree will fulfill.

FVTC Electronic Engineering Technology Associate			**UWGB Courses**		
Course #	**Course name**	**Credits**	**Course #**	**Course name**	**Credits**
10-605-130	Digital 1	1	ET 101	Fund. of Eng. Tech.	2
10-605-131	Dig. Electronics 2	1	ET 105	Fund. of Drawing	3
10-660-110	DC Circuits 1	1	ET 130	Basic Elect. Circuits I	3

10-660-111	DC Circuits 2	1	ET 131	Basic Elect. Circuits II	3
10-660-112	DC Circuits 3	1	ET 142	Intro. to Programming	3
10-660-114	AC Circuits 1	1	ET 150	Codes, Safety, Stand.	2
10-660-151	Embedded Prog. 1	1	ET 232	Semiconductor Dev.	3
10-660-163	Constr. Tech.	1	ET 240	Microcon. & PLC	3
10-660-181	Tech. Software Essen.	1	ET 250	Signals & Syst.	3
10-660-183	PC Hardware/OS	1	ET 311	Digital Electronics	3
10-605-106	Solder Rework/Repair	1	PHYSICS 103	Fund of Physics I	5
10-605-113	DC Circuits 4	1	First Year Seminar		3
10-605-116	AC Circuits 3	1	**English Competency**		3
10-605-125	Semicond. 3	1	**Social Science**		3
10-605-146	Embedded Prog. 2	1	**Social Science**		3
10-605-148	Embedded Prog. 3	1	**MATH 104**	**Elem Func: Int Alg/Trig**	4
10-660-115	AC Circuits 2	1	**Communications**		3
10-660-128	Semicond. 1	1	Elective Credits		12
10-660-129	Semicond. 2	1			64
10-605-119	Linear Electronics	3			
10-605-141	LabVIEW Graph. Prog.	2			
10-605-156	CAD for Electronics	1			
10-605-160	Microcon. Interfac.	3			
10-660-150	Networking-Ethernet	1			
10-605-159	PCB Design	1			
10-605-162	Elec. Final Project	2			
10-605-182	Elec. Communications	2			
10-804-115	Coll. Tech. Math 1	5			
10-804-116	**Coll. Tech. Math 2**	4			
10-806-143	College Physics 1	3			
10-801-195	**Written Comm.**	3			
10-801-196	**Oral.Inter. Comm.**	3			
10-809-195	**Economics**	3			
10-809-199	**Psychology of Hum. Rel.**	3			
Must select the following 5 courses as elective options:					
10-605-155	Product Testing Sys.	1			
10-609-173	PLC 1	1			
10-663-105	Fiber Optics	1			
10-663-125	Tele. Comm. Systems	2			
10-605-170	Digital Comm.	1	**Direct Course Equivalent**		
		64	General Education Course		

Recommendations for students:

For FVTC students planning to pursue a BS in Engineering Technology, the following courses and their UWGB equivalents are recommended.

Course	FVTC #	credits		UWGB #	credits
College Physics 2	10-806-144	3	=	PHYSICS 104 Fund of Physics II	3
Tech. Calculus 1	10-804-120	4		MATH 202 Calculus & An Geo I	4
Linear Circuits	10-605-119	3		ET 233 Linear Circuits	3

Courses still needed at UWGB

Course	Credits
ET 233 Linear Circuits	3
MATH 202 Calculus & Analytic Geometry I	4
MATH 203 Calculus & Analytic Geometry II	4
PHYSICS 104 Fundamentals of Physics II	5
Advanced study group	31

Remaining pre-requisite courses, general education & graduation requirements