

Degree: Bachelor of Science in Technology Studies
Major: Technology Studies
Concentration: Manufacturing Technology

Semester-by-semester Schedule for Full-time Student

Fall, Freshman Year

Course Prefix and Number	Course Set (on the degree sheet)	Course Name	Credit Hours
TECS 130	Tech Core	STEM in Technology Systems	3
TECS 180	MT Content	Materials, Processes & Production	3
TECS 318	Tech Core	Introduction to Computer Aided Drafting	3
ENG 101	Foundation Studies	English Composition I	3
HHP 200	Personal Well-Being	Personal Wellness	3
UNIV 101	Freshman Seminar	Freshman Seminar	
TOTAL CREDIT HOURS			15

Spring, Freshman Year

Course Prefix and Number	Course Set (on the degree sheet)	Course Name	Credit Hours
TECS119	MT Content	Introduction to Welding	3
TECS 120	TECS Core	Power, Energy, and Transportation	3
ENG 102	Foundation Studies	English Composition II	3
INF 101	Foundation Studies	Introduction to Computer Systems	3
GSCI 100	Mathematics and Natural Science	Introduction to Geology	3
TOTAL CREDIT HOURS			15

Fall, Sophomore Year

Course Prefix and Number	Course Set (on the degree sheet)	Course Name	Credit Hours
TECS 200	TECS Core	Engineering Graphics	3
TECS 260	MT Content	Metals Processes	3
MGT 101	TECS Mgt Req	Introduction to Business	3
MATH 110 or MATH 101	Foundation Studies	College Algebra or Contemporary Math	3
COMM 100	Foundation Studies	Fundamentals of Oral Communication	3
TOTAL CREDIT HOURS			15

Spring, Sophomore Year

Course Prefix and Number	Course Set (on the degree sheet)	Course Name	Credit Hours
TECS 312	TECS Core	Graphic Communication Techniques	3
TECS 240	MT Content	Plastics	3
TECS 280	MT Content	Wood Processes	3
PHYS 102	Mathematics and Natural Science	Physical Science	1
PHYS 103	Mathematics and Natural Science	Physical Science Lab	3
GSCI 110	International Studies	World Geography	3
TOTAL CREDIT HOURS			16

Fall, Junior Year

Course Prefix and Number	Course Set (on the degree sheet)	Course Name	Credit Hours
TECS 495	TECS Core	Training and Instructional Systems	3
TECS 440	MT Content	Maintenance and Repair	1
ART 180	Humanities	Fundamentals & Appreciation of Art	3
FIN 205	Social and Behavior Science	Theory and Practice of Personal Finance	3
PSY 100	Social and Behavior Science	General Psychology	3
MATH 250	Mathematics and Natural Science	Elements of Statistics	3
TOTAL CREDIT HOURS			16

Spring, Junior Year			
Course Prefix and Number	Course Set (on the degree sheet)	Course Name	Credit Hours
TECS 331	MT Content	Machine Tool Operations	3
TECS 375	MT Content	Robotics: Engineering\Problem Solving	3
TECS 420	MT Content	Fluid Systems: Hydraulics/Pneumatics	2
TECS 430	MT Content	Computer Aided Manufacturing	3
TECS 480	TECS Core	Industrial Management	3
TECS 490	TECS Core	Occupational Safety, health, and Liability	2
TOTAL CREDIT HOURS			16
Fall, Senior Year			
Course Prefix and Number	Course Set (on the degree sheet)	Course Name	Credit Hours
MGT 301	TECS Mgt Req	Management Principles	3
IDS 390	Upper-Division	Technology In Society	3
HIST 111	International Studies	Modern World Civilization	3
COMM 318	Humanities	Introduction to Organizational Communication	3
ECON 201	Social and Behavior Science	Principles of Microeconomics	3
TOTAL CREDIT HOURS			15
Spring, Senior Year			
Course Prefix and Number	Course Set (on the degree sheet)	Course Name	Credit Hours
TECS 499	TECS Core	Internship	9
IDS 350	Humanities	Diversity in the United State	3
TOTAL CREDIT HOURS			12