

ACADEMIC ROADMAP – (rev. 3/24)
Technology Education, B.S.

Freshman Year							
FIRST SEMESTER				SECOND SEMESTER			
Course Number & Title	GE 23	Major	Elective	Course Number & Title	GE 23	Major	Elective
CTE 301 Foundations of Career and Technical Education		X		CWP102-College Writing II	X		
CWP101-College Writing I	X			GE 23 course (suggested: EXE 100 for educators)	X		
GE23 course	X			GE23 course	X		
GE23 course	X			MAT 124 Functions & Modeling II	X	X	
GE23 course (MAT 114 if/as needed)	X			TEC 101 Technical Drawing – or DES 108 Digital Design and Fabrication		X	

Sophomore Year							
THIRD SEMESTER				FOURTH SEMESTER			
Course Number & Title	GE-23	Major	Elective	Course Number & Title	GE-23	Major	Elective
GE23 course	X			GE23 course	X		
GE23 course	X			GE23 course	X		
PHY 107	X	X		GE23 course	X		
TEC 201 Materials Processing		X		TED 123 Principles of Manufacturing or TED 300		X	
CTE 302 Curriculum & Evaluation in Career & Technical Education		X		TEC 302 CAD/CAM - or - DES 338 Computer 3D Modeling and Rendering		X	

Junior Year							
FIFTH SEMESTER				SIXTH SEMESTER			
Course Number & Title	GE-23	Major	Elective	Course Title	GE-23	Major	Elective
SPF 303 Educational Psychology: Middle and Secondary Education		X		CTE 421 CTE for Students with Special Needs		X	
TEC 314 Electromechanics or ENT 331 Electrical Circuits & Devices		X		EDU 416 Teaching Literacy in Middle and Secondary Schools		X	
TEC 319 Technology and Values		X		CTE 311 Career Mentoring		X	
TED 349 Communications Systems or TED 361		X		TED 300 Construction Systems or TED 123		X	
Elective			X	TEC 311 Materials Science & Testing		X	

Senior Year							
SEVENTH SEMESTER				EIGHTH SEMESTER			
Course Title	GE-23	Major	Elective	Course Title	GE-23	Major	Elective
CTE 303 Instructional Strategies in Career and Technical Education		X		TED 450 Student Teaching (6 credits)		X	
CTE 402 Assessment in Career and Technical Education		X		TED 451 Student Teaching (6 credits)		X	
CTE 404 Methods of Teaching Career and Technical Subjects		X					
TED 361 Transportation Systems or TED 349		X		Elective			X
Elective			X				