

Technology & Engineering Education (Certifiable for PK-12 Teaching)

Academic Map

Technology & Engineering Education


Effective Year: 2017–2018

Semester 1	Cr.	Min Gr.	Milestone
ENG 110 Freshman Composition [requires placement exam]	3	C-	discuss BASIC SKILLS TESTING requirement with your advisor
MATH 115 Trigonometry [requires placement exam]	3	C-	maintain a 3.0 GPA in TE courses; maintain an overall GPA of 2.7 (3.0 preferred)
PSY 136 Life Span Development	3	C-	
TE 101 Introduction to STEM Systems	3	C	take 111-level foreign language if needed (+3 cr.)
TE 115 Laboratory Safety and Management [fall only]	3	C	


Total: 15

Semester 2	Cr.	Min Gr.	Milestone
ENGR 150 Introduction to Engineering	3	C-	maintain a 3.0 GPA in TE courses; maintain an overall GPA of 2.7 (3.0 preferred)
PE 144 Health and Wellness	3	C-	
STAT 104 Elementary Statistics [requires placement exam]	3	C-	take 112-level foreign language if needed (+3 cr.)
TE 215 Materials Processing [spring only]	3	C	
TE 217 STEM Laboratory Practices [spring only]	4	C	

Total: 16

Semester 3	Cr.	Min Gr.	Milestone
EDF 215 Education in a Multicultural Society	3	C	 Failure to complete the BASIC SKILLS TESTING requirement by the end of this semester may delay your graduation.
HIST U.S. History Survey: Take Hist 161 OR 162	3	C-	
PHYS 111 Introductory Physics	3	C-	complete BASIC SKILLS TESTING requirement
TE 201 Children's Creativity and Engineering [fall only]	3	C	maintain a 3.0 GPA in TE courses; maintain an overall GPA of 2.7 (3.0 preferred)
TE 221 Innovation and Invention [fall only]	4	C	

Total: 16

Semester 4	Cr.	Min Gr.	Milestone
EDTE 314 Principles of Learning	3	C	 Apply for admission to the professional program [due September 5 or February 5]
ENG Study Area I -- literature elective at 200+ level	3	C-	
TE 245 Building Design and Construction [spring only]	4	C	maintain a 3.0 GPA in TE courses; maintain an overall GPA of 2.7 (3.0 preferred)
TE 299 Practicum	3	C	
TE 310 Communication Systems [spring only]	3	C	

Total: 16

Failure to to be admitted to the professional program in this semester will delay your graduation. (Complete applications due no later than Sep. 5 / Feb. 5.)

Semester 5		Cr.	Min Gr.	Milestone
ET 241 Appl. Statics and Strength Materials	3	C-		maintain a 3.0 GPA in TE courses; maintain an overall GPA of 2.7 (3.0 preferred); Earn grades of C or better in all professional program courses You should have completed at least 3 credits of international courses by the end of this semester.
SPED 315 Intro to Educating Learners With Exceptionalities	3	C		
TE 218 STEM Electrical Applications [fall only]	3	C		
TE 399 Teaching Technology and Engineering [fall only]	3	C		
Study Area 4 elective	3	C-		
Total:		15		

Semester 6		Cr.	Min Gr.	Milestone
EDSC 425 Multicultural, Interdisciplinary Teaching at Sec. Level	3	C	!	Take the Praxis II examination by the end of this semester.
RDG 440 Literacy in the Secondary School	3	C		Apply for CCSU graduation [application due one year prior to graduation].
TE 330 Transportation Design [spring only]	4	C		
TE 400 Professional Practices[spring only]	3	C		maintain a 3.0 GPA in TE courses; maintain an overall GPA of 2.7 (3.0 preferred); Earn grades of C or better in all professional program courses.
TE 498 Senior Design Project [spring only]	3	C		
Total:		16		

Semester 7		Cr.	Min Gr.	Milestone
TE 417 Robot Design, Constr. and Comp. [fall only]	4	C	!	Apply for student teaching [due Sep.15 / Feb.15].
Study Area I elective	3	C-		You should have completed 6 credits of international courses by the end of this semester.
Study Area I elective	3	C-		
Study Area II elective	3	C-		maintain a 3.0 GPA in TE courses; maintain an overall GPA of 2.7 (3.0 preferred); Earn grades of C or better in all professional program courses
Skill Area I elective	3	C-		
Total:		16		

Semester 8		Cr.	Min Gr.	Milestone
EDSC 431 Student Teaching I	5	C	!	You may not enroll in additional coursework during your student teaching semester.
EDSC 432 Student Teaching II	5	C		
TE 419 Student Teaching Seminar	1	C		
Total:		11		