2019–20 Engineering Technology–Electromechanical Engineering Technology Academic Map

Department of Engineering Technology

Middle Tennessee State University • Murfreesboro

MIDDLE TENNESSEE STATE UNIVERSITY.

An academic map is a suggested four-year schedule of courses based on degree requirements in the undergraduate catalog. This sample schedule serves as a general guideline to help build a full schedule each term. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in four years. ***Missing milestones could delay your program.***

This map is not a substitute for academic advisement—contact your advisor if you have any questions about scheduling or about your degree requirements. Also see the current undergraduate catalog **(catalog.mtsu.edu)** for a complete list of requirements and electives. *Note: Requirements are continually under revision, and there is no guarantee they will not be changed or revoked; contact the department and/or program area for current information.*

You may choose to attend a summer term to reduce your load during fall or spring terms but still stay on track to graduate in four years (see back). NOTE: Learning Support courses will alter the sequences on this map.

Suggested Fall/Spring Four-Year Schedule

FRESHMAN FALL			FRESHMAN SPRING		
Course	**Hours**	**Milestones/Notes**	**Course**	**Hours**	**Milestones/Notes**
ENGL 1010 (Comm)	3		ENGL 1020 (Comm)	3	
MATH 1730 (Math)	4	Can progress to MATH 1910 with 26 ACT math score	MATH 1910	4	Prereq: MATH 1730 with C or better
CHEM 1110/1111 (Nat Sci)	4		ENGR 1100	3	Prereq: MATH 1730 with C or better
Hum/FA (Rubric 1)	3		ENGR 2210	3	Prereq: CHEM 1110
COMM 2200 (Comm)	3		ET 2310	3	
SUBTOTAL	**17**		**SUBTOTAL**	**16**	
SOPHOMORE FALL			**SOPHOMORE SPRING**		
ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3		ET 3620	3	Prereq: ET 3601
MATH 1530 or PSY 3020	3		PHYS 2010/2011 (Nat Sci)	4	
ET 3601	3	Prereq: ENGR 1100; MATH 1910	ET 3602	3	Prereq: MATH 1910, ET 3601
ET 3210	3	Prereq: ENGR 2210, ET 2310	ET 3360	3	Prereq: ET 2310
HIST 2010, HIST 2020, or HIST 2030	3		HIST 2010, HIST 2020, or HIST 2030	3	
SUBTOTAL	**15**		**SUBTOTAL**	**16**	
JUNIOR FALL			**JUNIOR SPRING**		
ET 3630	3	Prereq: ET 3602	Hum/FA (Rubric 2)	3	
MATH 2110	1	Prereq: MATH 1530	ET 3810	3	Prereq: MATH 1910, ENGR 1100, PHYS 2010
CSCI 1170	4	Prereq: MATH 1730 with C or better	ET 3860	3	Prereq: ENGR 2110
ENGR 2110	3	Prereq: ENGR 1100, MATH 1910, PHYS 2010/2011	ENGR 3920	3	
Soc/Beh Sci (Rubric 1)	3		PHYS 2020/2021	4	Prereq: PHYS 2010
SUBTOTAL	**14**		**SUBTOTAL**	**16**	
SENIOR FALL			**SENIOR SPRING**		
ENGR 3915	3	Jr./Sr. standing	Soc/Beh Sci (Rubric 2)	3	
ET 4850	3	Prereq: ENGR 1100, ET 3810	ET 4860	3	Prereq: MATH 1910, 3 hrs. of CSCI
ENGR 3970	3	Jr./Sr. standing	ET 4610	3	Prereq: ET 3620, ET 3630
ET 3650	3	Prereq: CSCI 1170, ET 3620 with C or better	ET 4600	3	Prereq: ET 3602
ET 4640	3	Prereq: ET 3602	ET 4802	3	Prereq: ET 3650, ET 3860, ET 4610, ET 4860
SUBTOTAL	**15**		**SUBTOTAL**	**15**	
TOTAL HOURS IN PROGRAM: 124					

Engineering Technology–Electromechanical Engineering Technology
Suggested Fall/Spring/Summer Four-Year Schedule

Refer to www.mtsu.edu/financial-aid/scholarships for information regarding use of the Lottery Scholarship for the summer term.

FRESHMAN FALL			FRESHMAN SPRING		
Course	**Hours**	**Milestones/Notes**	**Course**	**Hours**	**Milestones/Notes**
ENGL 1010 (Comm)	3		ENGL 1020 (Comm)	3	
MATH 1730 (Math)	4	Can progress to MATH 1910 with 26 ACT math score	MATH 1910	4	Prereq: MATH 1730 with C or better
CHEM 1110/1111 (Nat Sci)	4		ENGR 1100	3	Prereq: MATH 1730 with C or better
COMM 2200 (Comm)	3		ENGR 2210	3	Prereq: CHEM 1110
SUBTOTAL	**14**		**SUBTOTAL**	**13**	
FRESHMAN SUMMER					
Hum/FA (Rubric 1)	3		ET 2310	3	
SUBTOTAL	**3**		SUBTOTAL	**3**	
SOPHOMORE FALL			**SOPHOMORE SPRING**		
ENGL 2020, ENGL 2030, or HUM 2610 (Hum/FA)	3		ET 3620	3	Prereq: ET 3601
MATH 1530 or PSY 3020	3		PHYS 2010/2011 (Nat Sci)	4	
ET 3601	3	Prereq: ENGR 1100; MATH 1910	ET 3602	3	Prereq: MATH 1910, ET 3601
ET 3210	3	Prereq: ENGR 2210, ET 2310	ET 3360	3	Prereq: ET 2310
SUBTOTAL	**12**		**SUBTOTAL**	**13**	
SOPHOMORE SUMMER					
HIST 2010, HIST 2020, or HIST 2030	3		Hum/FA (Rubric 2)	3	
SUBTOTAL	**3**		**SUBTOTAL**	**3**	
JUNIOR FALL			**JUNIOR SPRING**		
ET 3630	3	Prereq: ET 3602	ET 3810	3	Prereq: MATH 1910, ENGR 1100, PHYS 2010
MATH 2110	1	Prereq: MATH 1530	ET 3860	3	Prereq: ENGR 2110
CSCI 1170	4	Prereq: MATH 1730 with C or better	ENGR 3920	3	
ENGR 2110	3	Prereq: ENGR 1100, MATH 1910, PHYS 2010/2011	PHYS 2020/2021	4	Prereq: PHYS 2010
Soc/Beh Sci (Rubric 1)	3				
SUBTOTAL	**14**		**SUBTOTAL**	**13**	
SOPHOMORE SUMMER					
HIST 2010, HIST 2020, or HIST 2030	3		Soc/Beh Sci (Rubric 2)	3	
SUBTOTAL	**3**		**SUBTOTAL**	**3**	
SENIOR FALL			**SENIOR SPRING**		
ENGR 3915	3	Jr./Sr. standing	ET 4860	3	Prereq: MATH 1910, 3 hrs. of CSCI
ET 4850	3	Prereq: ENGR 1100, ET 3810	ET 4610	3	Prereq: ET 3620, ET 3630
ENGR 3970	3	Jr./Sr. standing	ET 4600	3	Prereq: ET 3602
ET 3650	3	Prereq: CSCI 1170, ET 3620 with C or better	ET 4802	3	Prereq: ET 3650, ET 3860, ET 4610, ET 4860
ET 4640	3	Prereq: ET 3602			
SUBTOTAL	**15**		**SUBTOTAL**	**12**	
TOTAL HOURS IN PROGRAM: 124					