

2024–25 Engineering Technology–Electromechanical Engineering Technology Academic Map

Department of Engineering Technology
Middle Tennessee State University • Murfreesboro

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.*



Scan the QR code
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more information
about the new
True Blue Core (TBC).

Suggested Fall/Spring Four-Year Schedule

FRESHMAN FALL			FRESHMAN SPRING		
Course	Hours	Milestones/Notes	Course	Hours	Milestones/Notes
Written Communication	3	TBC	Information Literacy	3	TBC
MATH 1730	4	TBC; Major; Can progress to MATH 1910 with 26 ACT math score	MATH 1910	4	Prereq: MATH 1730 with C or better
CHEM 1110/1111	4	TBC; Major	ENGR 1100	3	Prereq: MATH 1730 with C or better
Creativity and Cultural Expression	3	TBC; one must come from Discovery	ENGR 2210	3	Prereq: CHEM 1110
COMM 2200	3	TBC; Major	ET 2310	3	
SUBTOTAL	17		SUBTOTAL	16	
SOPHOMORE FALL			SOPHOMORE SPRING		
Creativity and Cultural Expression Literature	3	TBC	ET 3620	3	Prereq: ET 3601
MATH 1530 or PSY 3020	3		PHYS 2010/2011	4	TBC; Major
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
History and Civic Learning	3	TBC; one must come from Discovery	History and Civic Learning	3	TBC; one must come from Discovery
SUBTOTAL	15		SUBTOTAL	16	
JUNIOR FALL			JUNIOR SPRING		
ET 3630	3	Prereq: ET 3602	Creativity and Cultural Expression	3	TBC; one must come from Discovery
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	
Human Society and Social Relationships	3	TBC; one must come from Discovery	PHYS 2020/2021	4	Prereq: PHYS 2010
SUBTOTAL	14		SUBTOTAL	16	
SENIOR FALL			SENIOR SPRING		
ENGR 3915	3	Jr./Sr. standing	Human Society and Social Relationships	3	TBC; one must come from Discovery
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 and permission of instructor
SUBTOTAL	15		SUBTOTAL	15	
TOTAL HOURS IN PROGRAM: 124					

Engineering Technology–Electromechanical Engineering Technology

Suggested Fall/Spring/Summer Four-Year Schedule

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

NOTE: Learning Support courses will alter the sequences on this map.

FRESHMAN FALL			FRESHMAN SPRING		
Course	Hours	Milestones/Notes	Course	Hours	Milestones/Notes
Written Communication	3	TBC	Information Literacy	3	TBC
MATH 1730	4	TBC; Major; Can progress to MATH 1910 with 26 ACT math score	MATH 1910	4	Prereq: MATH 1730 with C or better
CHEM 1110/1111	4	TBC; Major	ENGR 1100	3	Prereq: MATH 1730 with C or better
COMM 2200	3	TBC; Major	ENGR 2210	3	Prereq: CHEM 1110
SUBTOTAL	14		SUBTOTAL	13	
FRESHMAN SUMMER					
Creativity and Cultural Expression	3	TBC; one must come from Discovery	ET 2310	3	
SUBTOTAL	3		SUBTOTAL	3	
SOPHOMORE FALL			SOPHOMORE SPRING		
Creativity and Cultural Expression Literature	3	TBC	ET 3620	3	Prereq: ET 3601
MATH 1530 or PSY 3020	3		PHYS 2010/2011	4	TBC; Major
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					
History and Civic Learning	3	TBC; one must come from Discovery	Creativity and Cultural Expression	3	TBC; one must come from Discovery
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
Human Society and Social Relationships	3	TBC; one must come from Discovery			
SUBTOTAL	14		SUBTOTAL	13	
JUNIOR SUMMER					
History and Civic Learning	3	TBC; one must come from Discovery	Human Society and Social Relationships	3	TBC; one must come from Discovery
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 and permission of instructor
ET 4640	3	Prereq: ET 3602			
SUBTOTAL	15		SUBTOTAL	12	
TOTAL HOURS IN PROGRAM: 124					