

2026–27 Aerospace–Technology Academic Map

Department of Aerospace

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
or [click here](#) for
more information
about the
True Blue Core (TBC).

Suggested Fall/Spring Four-Year Schedule

| FRESHMAN FALL | | | FRESHMAN SPRING | | |
|---|-----------|---|--|-----------|--|
| Course | Hours | Milestones/Notes | Course | Hours | Milestones/Notes |
| AERO 1010 | 3 | | AERO 1020 | 3 | Lab fee required |
| Written Communication | 3 | TBC | Information Literacy | 3 | TBC |
| MATH 1910 | 4 | TBC; Major; Prereq: ACT 26 or MATH 1730 | MATH 1920 | 4 | Prereq: ACT 26 or MATH 1910 |
| ENGR 1100 | 3 | Prereq: ACT 26 or MATH 1730 | Creativity and Cultural Expression | 3 | TBC; one must come from Discovery |
| Human Society and Social Relationships | 3 | TBC; one must come from Discovery | History and Civic Learning | 3 | TBC; one must come from Discovery; HIST 2065/Aviation rec. |
| SUBTOTAL | 16 | | SUBTOTAL | 16 | |
| SOPHOMORE FALL | | | SOPHOMORE SPRING | | |
| PHYS 2110/2111 | 4 | TBC; Major; Prereq: MATH 1910 | AERO 3020 | 3 | Prereq: AERO 1010/ 1020; MATH 1810 |
| MATH 2010 | 3 | Prereq: MATH 1910 | PHYS 2120/2121 | 4 | Prereq: PHYS 2110/2111 |
| Non-Written Communication | 3 | TBC | ENGR 2110 | 3 | Prereq: ENGR 1100; MATH 1910; PHYS 2110/2111 |
| ET 3810 | 3 | Prereq: MATH 1910; PHYS 2110/2111 | Human Society and Social Relationships | 3 | TBC; one must come from Discovery |
| Creativity and Cultural Expression Literature | 3 | TBC | History and Civic Learning | 3 | TBC; one must come from Discovery |
| SUBTOTAL | 16 | | SUBTOTAL | 16 | |
| JUNIOR FALL | | | JUNIOR SPRING | | |
| AERO 3030 | 3 | Prereq: AERO 1010/1020 | MATH 3120 | 3 | Prereq: MATH 1920 |
| AERO 3440 | 3 | Prereq: MATH 1910; PHYS 2110/2111 | CSCI 1170 | 4 | |
| ENGR 2120 | 3 | Prereq: ENGR 2110/MATH 1920 | AERO 3170 | 3 | Prereq: AERO 1020 |
| MATH 3110 | 4 | Prereq: MATH 1920 | ET 4830 or ENGR 3590 | 3 | Prereq: ET 3840 or ENGR 2120 |
| Creativity and Cultural Expression | 3 | TBC; one must come from Discovery | | | |
| SUBTOTAL | 16 | | SUBTOTAL | 13 | |
| SENIOR FALL | | | SENIOR SPRING | | |
| AERO 4410 | 3 | | AERO 4040 (capstone) | 1 | Prereq: AERO 1010, 1020; Prereq/coreq: AERO 3020, 3030 |
| AERO 4440 | 3 | Prereq: AERO 3440 | ENGR 2130 | 3 | |
| CSCI 2170 | 4 | Prereq: CSCI 1170 | AERO 4310 | 3 | Offered spring only |
| ET 3860 or ENGR 3560 | 3 | Prereq: ENGR 1210/2110/ MATH 3120 | ET 4850 or ENGR 3550 | 3 | Prereq: ET 1840/3810 or ENGR 2120/MATH 3110 |
| | | | CHEM 1010/1011 OR CHEM 1110/1111 | 4 | TBC; Major |
| SUBTOTAL | 13 | | SUBTOTAL | 14 | |
| TOTAL HOURS IN PROGRAM: 120 | | | | | |

Aerospace–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 |
| AERO 1010 | 3 | | AERO 1020 | 3 | Lab fee required |
| Written Communication | 3 | TBC | Information Literacy | 3 | TBC |
| MATH 1910 | 4 | TBC; Major; Prereq: ACT 26 or MATH 1730 | MATH 1920 | 4 | Prereq: ACT 26 or MATH 1910 |
| ENGR 1100 | 3 | Prereq: ACT 26 or MATH 1730 | Creativity and Cultural Expression | 3 | TBC; one must come from Discovery |
| SUBTOTAL | 13 | | SUBTOTAL | 13 | |
| FRESHMAN SUMMER | | | | | |
| Human Society and Social Relationships | 3 | TBC; one must come from Discovery | History and Civic Learning | 3 | TBC; one must come from Discovery; HIST 2065/Aviation rec. |
| SUBTOTAL | 3 | | SUBTOTAL | 3 | |
| SOPHOMORE FALL | | | SOPHOMORE SPRING | | |
| PHYS 2110/2111 | 4 | TBC; Major; Prereq: MATH 1910 | AERO 3020 | 3 | Prereq: AERO 1010/ 1020; MATH 1810 |
| MATH 2010 | 3 | Prereq: MATH 1910 | PHYS 2120/2121 | 4 | Prereq: PHYS 2110/2111 |
| ET 3810 | 3 | Prereq: MATH 1910; PHYS 2110/2111 | ENGR 2110 | 3 | Prereq: ENGR 1100/ MATH 1910; Coreq: PHYS 2110/2111 |
| Creativity and Cultural Expression Literature | 3 | TBC | Human Society and Social Relationships | 3 | TBC; one must come from Discovery |
| SUBTOTAL | 13 | | SUBTOTAL | 13 | |
| SOPHOMORE SUMMER | | | | | |
| Non-Written Communication | 3 | TBC | History and Civic Learning | 3 | TBC; one must come from Discovery |
| SUBTOTAL | 3 | | SUBTOTAL | 3 | |
| JUNIOR FALL | | | JUNIOR SPRING | | |
| AERO 3030 | 3 | Prereq: AERO 1010/1020 | MATH 3120 | 3 | Prereq: MATH 1920 |
| AERO 3440 | 3 | Prereq: MATH 1910; PHYS 2110/2111 | CSCI 1170 | 4 | |
| ENGR 2120 | 3 | Prereq: ENGR 2110/MATH 1920 | AERO 3170 | 3 | Prereq: AERO 1020 |
| MATH 3110 | 4 | Prereq: MATH 1920 | ET 4830 or ENGR 3590 | 3 | Prereq: ET 3840 or ENGR 2120 |
| Creativity and Cultural Expression | 3 | TBC; one must come from Discovery | | | |
| SUBTOTAL | 16 | | SUBTOTAL | 13 | |
| SENIOR FALL | | | SENIOR SPRING | | |
| AERO 4410 | 3 | | AERO 4040 (capstone) | 1 | Prereq: AERO 1010, 1020; Prereq/coreq: AERO 3020, 3030 |
| AERO 4440 | 3 | Prereq: AERO 3440 | ENGR 2130 | 3 | |
| CSCI 2170 | 4 | Prereq: CSCI 1170 | AERO 4310 | 3 | Offered spring only |
| ET 3860 or ENGR 3560 | 3 | Prereq: ENGR 1210/2110/ MATH 3120 | ET 4850 or ENGR 3550 | 3 | Prereq: ET 1840/3810 or ENGR 2120/MATH 3110 |
| | | | CHEM 1010/1011 OR CHEM 1110/1111 | 4 | TBC; Major |
| SUBTOTAL | 13 | | SUBTOTAL | 14 | |
| TOTAL HOURS IN PROGRAM: 120 | | | | | |