

K-State at Salina and Seward County Community College

BS in Engineering Technology, Mechanical Engineering Technology Option
CONSULT WITH SEWARD COLLEGE ADVISOR OR ET DEPART. FOR TRANSFER GUIDE UPDATES

Freshman Fall Semester

| K-State at Salina ETA-MT | | Credit hours | Seward County Community College Courses | | Credit Hours |
|--------------------------|--------------------------------|--------------|---|--|--------------|
| MET 111 | Technical Graphics | 3 | | | |
| MET 121 | Manufacturing Methods | 3 | | | |
| MATH 100 | College Algebra | 3 | MA1173 | College Algebra | 3 |
| MATH 151 | Applied Plane Trigonometry | 2 | MA1183 | Trigonometry (2/3) | 2 |
| CMST 110 | Introduction to Visual Basic | 3 | CS 1353 | Visual Basic I | 3 |
| ENGL 100 | Expository Writing I | 3 | EN0176 | English Compositon I | 3 |
| ETA 020 | Engineering Technology Seminar | 0 | | Waived for students with >=30 cr. hrs. | |
| TOTAL: | | 17 | TOTAL: | | 11 |

Freshman Spring Semester

| K-State at Salina ETA-MT | | Credit hours | Seward County Community College Courses | | Credit hours |
|--------------------------|------------------------------------|--------------|---|-------------------------|--------------|
| MET 117 | Mechanical Detailing | 3 | | | |
| MET 125 | CNC Machine Processes | 2 | | | |
| CHM 110 | General Chemistry | 3 | | | |
| CHM 111 | General Chemistry Lab | 1 | CH0176 | Fund Of Chemistry (4/5) | 4 |
| PHYS 113 | General Physics I | 4 | PS2205 | General Physics I (4/5) | 4 |
| SPCH 105 | Public Speaking IA | 2 | SP1203 | Public Speaking (2/3) | 2 |
| | Humanities/Social Science Elective | 3 | | See advisor | 3 |
| TOTAL: | | 18 | TOTAL: | | 13 |

Sophomore Fall Semester

| K-State at Salina ETA-MT | | Credit hours | Seward County Community College Courses | | Credit hours |
|--------------------------|---------------------------------|--------------|---|--------------------------------------|--------------|
| MET 231 | Physical Materials & Metallurgy | 3 | | | |
| MET 252 | Fluid Power Technology | 3 | | | |
| MATH 220 | Analytic Geometry & Calculus I | 4 | MA2605 | Analytic Geometry & Calculus I (4/5) | 4 |
| CET 211 | Statics | 3 | | | |
| ECET 100 | Basic Electronics | 4 | | See Advisor | 4 |
| TOTAL: | | 17 | TOTAL: | | 8 |

Sophomore Spring Semester

| K-State at Salina ETA-MT | | Credit hours | Seward County Community College Courses | | Credit hours |
|--------------------------|-----------------------------------|--------------|---|--|--------------|
| MET 230 | Automated Manufacturing Systems I | 3 | | | |
| MET 246 | Dynamics of Machines | 3 | | | |
| MET 264 | Machine Design Technology I | 4 | | | |
| MET 245 | Materials Strength & Testing | 3 | | | |
| ENGL 302 | Technical Writing | 3 | | | |
| TOTAL: | | 16 | TOTAL: | | 0 |

Junior Fall Semester

| K-State at Salina ETB-MT | | Credit hours | Seward County Community College Courses | | Credit hours |
|--------------------------|---|--------------|---|---------------------------------------|--------------|
| MET 314 | Computer-Aided Design & Modeling | 3 | | | |
| MET 365 | Machine Design Technology II | 3 | | | |
| ECET 304 | Electric Power & Devices | 3 | | | |
| MATH 221 | Analytic Geometry & Calculus II | 4 | MA2615 | Analytic Geometry & Calculus II (4/5) | 4 |
| | Computer Systems Technology Elective | 3 | | | |
| TOTAL: | | 16 | TOTAL: | | 4 |

Junior Spring Semester

| K-State at Salina ETB-MT | | Credit hours | Seward County Community College Courses | | Credit hours |
|--------------------------|--|--------------|---|------------------------|--------------|
| MET 346 | Elements of Mechanisms | 3 | | | |
| MET 353 | Fluid Mechanics | 3 | | | |
| MET 382 | Industrial Instrumentation & Controls | 3 | | | |
| ENGL 200 | Expository Writing II | 3 | EG1113 | English Composition II | 3 |
| | Technical Elective | 3 | | | |
| TOTAL: | | 15 | TOTAL: | | 3 |

Senior Fall Semester

| K-State at Salina ETB-MT | | Credit hours | Seward County Community College Courses | | Credit hours |
|--------------------------|--|--------------|---|--------------------------|--------------|
| MET 462 | Senior Design Project I | 1 | | | |
| MET 481 | Automated Manufacturing Systems II | 3 | | | |
| PHYS 114 | General Physics II | 4 | PS2215 | General Physics II (4/5) | 4 |
| | Humanities/Social Science Elective | 3 | | See advisor | 3 |
| | Upper Division Humanities/SS Elective | 3 | | | |
| TOTAL: | | 14 | TOTAL: | | 7 |

Senior Spring Semester

| K-State at Salina ETB-MT | | Credit hours | Seward County Community College Courses | | Credit hours |
|--------------------------|--|--------------|---|--|--------------|
| MET 464 | Senior Design Project II | 2 | | | |
| MET 471 | Thermodynamics & Heat Transfer | 3 | | | |
| | Technical Elective | 3 | | | |
| | Business Elective | 3 | | | |
| | Upper Division Humanities/SS Elective | 3 | | | |
| TOTAL: | | 14 | TOTAL: | | 0 |

Total K-State associate degree hours: 68
Total Seward County CC hours transferred: 32

Total K-State bachelor's degree hours: 127
Total Seward County CC hours transferred: 46

Total upper-division hours: 45 (Boldfaced courses used to meet 45-hour requirement)

Notes:

- 45 hours must be upper-division coursework, 300-level and above
- One half or more of degree requirements must be earned at K-State or other 4-year institution
- At least 30 hours total, and at least 20 of the last 30 hours must be earned from K-State.
- University General Education (UGE) requirements apply. See advisor for details.
- See Seward Transfer Equivalency page at http://www.k-state.edu/admit/dars/html_files/seward_ccc_ks.html

Contact Information:

- K-State at Salina Admissions Office: 1-800-248-5782 or 785-826-2640
- Engineering Technology Department: 785-826-2646
- <http://www.salina.k-state.edu/academics/engtech/met/>