K-State 2+2

Engineering Technology—Mechanical/Manufacturing and Technology Management

- 62 hours^, as outlined below, can be transferred from Metropolitan Community College and applied to the bachelor's degree.
- All K-State courses can be obtained through distance education.
- The Metropolitan Community College Transfer Equivalency Page is located at: www.k-state.edu/admit/dars/html_files/metropolitan_ccs_mo.html

Metropolitan Community College
Associate of Applied Science with an Emphasis in Engineering Technology—Mechanical/Manufacturing

Course	Hours
ENGL 101 Composition and Reading I	3
ENGL 102 Composition and Reading II*	3
ENGL 215 Technical Writing**	3
MATH 130 Trigonometry** OR	
MATH 150 Precalculus#	3-5
SPDR 100 Fundamentals of Speech	3
EHSS 111 Intro to Health & Safety	1
MATH 180 Analytic Geometry and Calculus I	5
PHYS 130 General Physics I	5
POLS 136 Intro to American Politics OR	
POLS 137 Intro to State and Local Politics	3
SPAN 100 Beginning Occupational Spanish**	3
ETEC 152 Engineering Graphics and CADD I	5
ETEC 153 Descriptive Geometry	4
ETEC 200 Structural Design	3
ETEC 258 Intro to Machine Design	4
ETEC 268 Structural Steel Blueprint Reading	3
ETEC 269 CADD II	4
ETEC 270 Parametric Modeling OR	
ETEC 271 Parametric Modeling Alternative	4
ENGR 101 Intro to the Profession	1
MATE 116 Geometric Dimensioning and Tolerancing Printreading	2
MATE 130 Machining for Related Occs	3
MATE 210 OR MATE 215	
MATE 215 Computerized Numerical Control - Mill	3
MATE 225 Master Cam I+	3
Total Credit Hours	**71**

^ Of the 62 credit hours that are transferable to K-State, 23 hours are general education credits and 39 hours are technical education credits.
*Course taken at Metropolitan Community College not need for A.A.S. degree.
** Couse required for A.A.S. degree, but not applied toward B.S. degree.
# Recommended choice, as this course satisfies a K-State requirement.
+ Course applies as upper-level credit - contact K-State advisor.

Kansas State University
Bachelor of Science in Technology Management

Course	Hours
ENGL 302 Technical Writing	3
COMM 322 Interpersonal Comm	3
STAT 325 Intro to Statistics	3
CMST 108 PC Desktop Software	3
Computer Elective	3
Natural Science Elective	3
ECON 110 Princ of Macroeconomics	3
ECON 120 Princ of Microeconomics	3
300+ Humanities Elective	3
300+ Humanities Elective	3
300+ Social Science Elective	3
300+ Restricted Elective	3
ACCTG 231 Accounting for Business Ops	3
ACCTG 241 Accounting for Invest and Financing	3
BUS 315 Supervisory Management	3
MANGT 366 Info Tech for Business	3
MANGT 420 Management Concepts	3
Choose Four Classes (12 credit hours) from the following Business and Management Courses	**12**
FINAN 450 Principles of Finance	3
MANGT 390 Business Law	3
MANGT 421 Intro to Operations Mgmt	3
MANGT 530 Industrial and Labor Relations	3
MANGT 531 Human Resources Mgmt	3
MKTG 400 Intro to Marketing	3
MKTG 542 Professional Selling	3
Total Credit Hours	**63**

Total Credit Hours Taken: 134
Total Credit Hours Applied to TechMgmt Degree: 124

K-State 2+2

Engineering Technology—Mechanical/Manufacturing and Technology Management

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Student name

Last updated

Your Degree Option

K-State offers a Bachelor of Science degree in Technology Management through distance education. This degree completion program is designed for students who have completed the A.A.S. degree in Engineering Technology program at Metropolitan Community College. The Technology Management degree provides a solid understanding of the fundamental areas in management: finance, accounting, business, and marketing. The curriculum is designed to prepare the student for the diverse environment of the business world as it relates to Engineering Technology. By combining a technical area of concentration with advanced business studies, you can be a professional who has the practical and leadership skills to move forward in business.

Your Career

Job opportunities abound in the automotive service industry. Employment opportunities include automotive technician, service advisor, parts specialist, shop foreman, and service manager. K-State Salina's technology management graduates are prepared for supervisory and management positions in a variety of related fields. Graduates can use their management and business skills to help further their automotive careers, as they will understand how to hire and supervise employees, train new employees, train new supervisors and managers, plan budgets, and manage inventory. Mechanical engineering techs deal with all technology of the past, present and future. They help modify, develop and test machinery and equipment and are involved with research, test, development or prodution.

Get Started

The degree map on the reverse page will show you a listing of classes you need to take from Metropolitan Community College and K-State to complete the Engineering Technology—Mechanical/Manufacturing and Technology Management 2+2. This degree map has been reviewed and accepted by both schools as an illustration, which is subject to change. Many other combinations of courses may be possible, so students should contact a K-State representative or their community college advisor before committing to a particular transfer program.

To get started, contact the K-State 2+2 representative by calling 620-786-1188 or e-mail jdunn@k-state.edu.

To learn more about the Technology Management Distance Education Program:

> Dr. Don Von Bergen
> 2310 Centennial Road, Salina, KS 67401
> Phone: 785-826-2696
> E-mail: dvb@sal.ksu.edu
> Website: www.dce.k-state.edu/courses/bachelorsdegree

To apply to K-State, fill out the application, pay the application fee, and have all of your previous transcripts sent to the K-State Office of Admissions. More details about this process can be found at: www.dce.k-state.edu/technology/management/getting-started

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Associate start date   Associate completion date

Advisor contact:

Name _____

Phone _____

E-mail _____

Comments: _____
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_____

Bachelor's start date   Bachelor's completion date

Advisor contact:

Name _____

Phone _____

E-mail _____

Comments: _____
_____
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Note: Kansas Board of Regents requirements have been incorporated into this degree plan, including the following rules governing bachelor's degrees:

 a. A bachelor's degree must include at least 120 credit hours;
 b. It must have at least 60 credit hours earned from an institution where the majority of degrees granted are at the bachelor's degree level or higher;
 c. It must include at least 45 credit hours at the junior level (numbered 300) or higher;
 d. Each student must successfully complete credit-bearing courses/experiences to cover all of the K-State 8 areas.

Kansas State University will accept up to one-half of the required credit hours from the community college toward the bachelor's degree.