

FOR Mineral Area College

Bachelor of Science in Education (Engineering Technology Education)

Students are encouraged to complete the Associate of Arts degree or the 42-hour general education block at Mineral Area College (MAC), as either waives the lower-level University Studies (general education) requirements at Southeast. Consult with an advisor at MAC regarding requirements for the 42-hour block or the AA degree.

The following lower-level (100-200) core/support courses are required for the Engineering Technology Education major and can be taken at MAC.

MINERAL AREA COLLEGE		SOUTHEAST MISSOURI STATE UNIVERSITY	
ART1550	Beginning Photography	>	PG284 Photography Fundamentals
EDU1100	Psychology of Adolescence	>	PY222 Development of the Adolescent
EDU2040	Foundations of Education	>	EF304 School & Society
EDU2100	Introduction to Education	>	ED250 Introduction to Teaching
EEE1500	Basic Electronics	>	ET160 Basic Electricity & Electronics
ENG1330	English Composition I	>	EN100 English Composition
ENG1340	English Composition II	>	EN140 Rhetoric & Critical Thinking
ENG1440	Public Speaking	>	SC105 Fundamentals of Oral Communication
HIS1230 or HIS1240	American History I or American History II	>	US105 or US107 American History I or American History II
MAT1230	College Algebra	>	MA134 College Algebra
PHS1250	Introductory Chemistry	>	CH181 Basic Principles of Chemistry
POS1180	American Political Systems	>	PS103 U S Political Systems
SOC1620	Human Diversity	>	EL274 or SE275 Diversity in American Schools
TEC1040	Technical Writing	>	IM102 Technical Communication
TEC1160	Machine Shop II	>	MN203 Industrial materials & Processes I
TEC1200	Architectural Design & Drafting	>	CM226 Residential Architectural Draft & Design
TEC1320	Advanced Computer Aided Design	>	MN120 Computer Aided Engineering Graph
TEC1520	Construction Methods & Estimating	>	CM243 Construction Methods & Materials
TEC1600	Materials Analysis	>	MN170 Engineering Materials & Testing
TEC1790	Basic Numerical Control Programming	>	MN304 Industrial Material & Processes II

Required courses in the major that also meet University Studies categories include SC105 (Oral Expression), PY222 (Behavioral Systems), MA134 (Logical Systems), CH181 (Physical Systems), US105 or US107 (Development of a Major Civilization), PS103 (Political Systems), and EL274 or SE275 (Social Systems).

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Bachelor of Science in Education (Engineering Technology Education) continued

Choose 9 hours from the following courses

CIS1620	A+ Computer Repair & Maintenance	>	TN255	Microcomputer Maintenance & Troubleshooting
CIS1780	Illustrator I	>	GM180	Intro to Technical Graphics
TEC1200	Architectural Design & Drafting	>	CM226	Residential Architectural Draft & Design
TEC1790	Basic Numerical Control Programming	>	MN304	Industrial Material & Processes II
TEC1530	Three-Dimensional Modeling	>	MN221	Solid Modeling & Rapid Prototyping
TEC1800	Advanced Numerical Control Programming	>	MN354	Computer Aided Manufacturing

For more information on the College of Education and degree requirement see the www.semo.edu/cea website. Information on admission to Southeast is available from the Office of Admissions at www.semo.edu/admissions, (573) 651-2590 or admissions@semo.edu.

To verify transferability of other courses to Southeast, students may access



at portal.semo.edu

Mineral Area College Courses Which Meet University Studies Requirements at Southeast Missouri State University

Students who complete an AA degree or the 42-hour general education block from MAC have completed the lower-level University Studies (general education) courses at Southeast. For the student planning to transfer to Southeast without completing the AA degree or 42-hour general education block, the following courses taken at MAC meet University Studies requirements at Southeast. Some majors will require specific University Studies courses to meet degree requirements.

ENGLISH COMPOSITION

- ENG1330 English Composition I

ARTISTIC EXPRESSION

(Choose ONE Course)

- ART1530 Introduction to Humanities
- ART1550 Beginning Photography
- MSC1801 Appreciation of Music
- MSC1811 Appreciation of Jazz
- THE1000 Introduction to Theatre
- THE1040 Beginning Acting

LITERARY EXPRESSION

(Choose ONE Course)

- ENG1570 Introduction to Literature: Prose & Poetry
- ENG2330 English Literature I
- ENG2340 English Literature II
- ENG2430 American Literature I
- ENG2440 American Literature II
- ENG2460 Readings in Short Fiction
- ENG2490 Literature of the American South
- ENG2492 Women's Literature
- ENG2500 Multi-Cultural Literature
- ENG2530 Young Adult Literature
- ENG2580 Poetry and the Human Experience
- MFL2140 French Reading
- MFL2480 German Reading
- PHI1400 Introduction to Philosophy

ORAL EXPRESSION (Choose ONE Course)

- ENG1440 Public Speaking
- ENG1670 Interpersonal Communications I
- MFL1170 Elementary French
- MFL1270 Intermediate French
- MFL1370 Elementary Spanish I
- MFL1470 Elementary Spanish II
- MFL1560 German Language and Culture I
- MFL2130 French Composition & Conversation
- MFL2230 Intermediate Spanish I
- MFL2460 German Language and Culture II

WRITTEN EXPRESSION

- ENG1340 English Composition II

BEHAVIORAL SYSTEMS

(Choose ONE Course)

- EDU1100 Psychology of Adolescence
- EDU1300 Child Development
- PHI1420 Introduction to Ethics
- PSY1130 General Psychology
- PSY1250 Human Growth and Development

LIVING SYSTEMS (Choose ONE Course)

- AGR1120 Animal Science (taken Fall 2013 or later)
- AGR1230 Plant Science (taken Fall 2013 or later)
- BIO1100 Introduction to Biological Science
- BIO1150 General Biology
- BIO2112 General Botany
- BIO2122 General Zoology
- BIO1430 Environmental Science

LOGICAL SYSTEMS (Choose ONE Course)

- MAT1230 College Algebra
- MAT1530 Foundations of Mathematics
- MAT1600 Calculus for Business & the Social Sciences
- MAT1650 Analytic Geometry & Calculus I

PHYSICAL SYSTEMS

(Choose ONE Course)

- PHS1130 Physical Science
- PHS1250 Introductory Chemistry
- PHS1350 General Chemistry I
- PHS1420 College Physics I
- PHS2230 General Physics I
- PHS2400 Earth Science

DEVELOPMENT OF A MAJOR

CIVILIZATION (Choose ONE Course)

- HIS1100 World Civilization I
- HIS1130 Western Civilization I
- HIS1140 American History I
- HIS1240 American History II
- HIS1360 Latin American History
- HIS1520 World Civilization II

ECONOMIC SYSTEMS

(Choose ONE Course)

- BUS1330 Survey of Economics
- BUS2930 Principles of Macroeconomics
- BUS2940 Principles of Microeconomics

POLITICAL SYSTEMS

- POS1180 American Political Systems

SOCIAL SYSTEMS (Choose ONE Course)

- COM1000 Introduction to Mass Media
- GEO1130 Regional World Geography
- PED2820 Sport and Society
- PHI1410 Comparative Religion
- SOC1130 General Sociology
- SOC1600 Ethnicity and Cultural Differences in America
- SOC1620 Human Diversity



at portal.semo.edu

Additional courses, such as new courses or course numbers no longer in use, may satisfy University Studies requirements. Refer to the online "Transfer Course Conversion" to verify transferability of other courses to Southeast.

Office of the Registrar

(573) 651-2250 • registrar@semo.edu • www.semo.edu/registrar

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