

Occupational Education Associate of Applied Science Degree

The Occupational Education Professional Development Program provides the opportunity for participants to develop general education, managerial, and technical skills that instructors need to be successful in state-of-the-art technical education classrooms and laboratories. Prospective instructors will complete a professional development program leading to a Missouri Vocational-Technical Teacher Certification and an Associate of Applied Science degree.

GENERAL EDUCATION REQUIREMENTS 22 HOURS

MATHEMATICS 3 HOURS

Choose one course from the following mathematics courses:

MAT113 Intermediate Algebra*	3
MAT114 Applied Mathematics*	3
MAT123 College Algebra*	3
TEC103 Technical Mathematics*	4

PHYSICAL SCIENCE 4 HOURS

Choose one from the following physical science courses:

BIO115 General Biology*	5
BIO145 Human Anatomy*	5
PHS113 Physical Science	5
PHS125 Introduction to Chemistry*	5
PHS130 Elementary College Physics I*	5
TEC107 Unified Technical Concepts I*	4

COMMUNICATIONS 6 HOURS

Choose one written and one oral expression course from the following:

ENG133 English Composition I*	3
ENG144 Public Speaking	3
ENG167 Interpersonal Communications	3

SOCIAL SCIENCE 6 HOURS

Choose two courses from the following social science courses:

HIS123 American History I	3
HIS124 American History II	3
POS113 American National Government	3
POS114 American State/Local Government	3

ELECTIVE 3 HOURS

Recommended:

PSY113 General Psychology I or	
PSY125 Human Growth and Development	3

TECHNICAL EDUCATION REQUIREMENTS* 24 HOURS

Validated Occupational Competencies or Technical Education Courses in Specified Area:

OEX198 Occupational Experience I	6
OEX199 Occupational Experience II	6
OEX298 Occupational Experience III	6
OEX299 Occupational Experience IV	6

PROFESSIONAL EDUCATION REQUIREMENTS .. 9 HOURS

New Teacher Institute	3
Development and Assessment of Vocational-Technical Curriculum or related course	3
Technology and Industry Education Methods or related course	3

NOTE: These courses would be taken at a cooperating four-year teacher education institution and transferred into degree program.

EDUCATIONAL SUPPORT REQUIREMENTS ... 9 HOURS++

Choose nine credit hours from the following:

Occupational Analysis	3
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Coordination of Cooperative Education	3
Vocational Education for Students with Disabilities	3
Philosophy of Vocational Education	3
Vocational Guidance	3
Educational Psychology	3

NOTE: These courses would be taken at a cooperating four-year teacher education institution and transferred into degree program.

Equivalent courses may be substituted with prior approval from local school district administration and the Director of Industrial and Engineering Technology and Health Services Education, Missouri Department of Elementary and Secondary Education (DESE). Course substitutions must be listed on a New Educator Individual Professional Development Plan.

TOTAL HOURS: 64

+Work Experience (at least three years, full-time) may be documented with a work experience record; and validated by possessing occupational competence credential(s) such as State/National Occupational Skill Certification (recognized by the National Skill Standards Board), and/or through a process of State/Nationally recognized Occupational Skill Performance Assessment.

++ Professional Education and Support courses will be provided and transcribed to Mineral Area College through a collaborative partnership with Missouri four-year teacher education institutions. Course titles listed above may not necessarily be the same within all cooperating four-year institutions; however, do reflect the intended course content. The selected courses must satisfy the Missouri Trade Industrial, and Health Services Teacher Certification requirements established by DESE. Upon completion of the AAS degree, participants will be able to advance to a Bachelor of Science program at the cooperating four-year institutions to continue their teacher education and other course work.

*Designates courses with prerequisites.