Focus on 2018-19 Academic Year

SKILLED AND TECHNICAL SCIENCES - SKILLED SPECIFIC
(SUPPLEMENTAL ENDORSEMENT TO TEACH GRADES 9-12)

Pass on the art and science of a skilled and technical education to the next generation. With an endorsement in skilled and technical sciences - skilled specific, you'll get to teach industrial arts classes related to architecture, construction, manufacturing, technology, engineering, mathematics, and transportation – all practical skills needed in the industrial world. You'll be ready to teach industrial arts in secondary schools and share your passion for technical skills.

The skilled and technical science endorsement is only available to those who are also completing a field endorsement in industrial technology education. Since you will already be completing this field endorsement, you are not required to choose any more endorsements to receive your B.A. or B.S.

Focus on Results

Skills Learned
- Teaching and instruction
- Public speaking and presentation
- Leadership
- Communication
- Critical thinking
- Organization
- Analysis
- Planning and coordinating
- Professional code of conduct

Possible Careers
- Industrial technology teacher
- Manufacturing technologies teacher
- Maintenance and repair teacher
- STEM specialist
- Construction teacher
- Academic advisor
- Welding instructor
- Vocational instructor
- Shop teacher

Types of Employers
- High schools
- Business schools
- Vocational schools
- Colleges and universities
- Businesses and corporations
- Training centers
- Manufacturing companies
- Construction companies
- Career development centers

Activities / Opportunities
- Visit construction and manufacturing facilities
- Peer tutoring and mentoring
- Study Abroad
- Service-Learning
- Northeast Nebraska Teacher Academy (NENTA)

Clubs / Organizations
- Industrial Technology Club
- Kappa Delta Pi
- Occupational Safety Organization
- SkillsUSA
- Student Council for Exceptional Children
- Wayne Student Education Association of Nebraska (WSEAN)

Outside the Classroom

Visit www.wsc.edu/clubs to learn more about clubs and organizations on campus.

Fast Facts

Hours:
- 12 hours for endorsement
- 27-33 hours in education core classes
- 30 hours in general education

At least 120 hours are required for graduation from Wayne State College.

Degrees offered:
- B.A. or B.S.

Departments: Technology and Applied Science, Educational Foundations and Leadership

Schools: Business and Technology, Education and Counseling

Clinical practice: One semester of student teaching required

Work experience: 1,000 verified hours employment in industry or 500 hours with trade certification/license

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To qualify to teach in a skilled and technical science education program in the secondary schools of Nebraska, a teacher must complete the B.A. or B.S. degree with an endorsement in industrial technology education and also complete the following requirements:

1. Satisfactory completion of 12 credit hours of coursework in one of the specific career areas listed below:
   - Architecture and Construction
   - Manufacturing
   - Science Technology, Engineering, and Mathematics (STEM) Transportation, Distribution and Logistics

2. (A) Work experience of 1,000 verified hours of paid employment in the industry in which the specific career area coursework is taken, or (B) 500 hours of verified paid employment in the industry in which the specific career area coursework is taken, plus a valid nationally recognized trade certification/licensure in the career area in which the specific career area coursework is taken.

Every effort is made to ensure this information is current, but please be aware that some content may have changed. There is no substitute for developing a careful course registration plan in consultation with your advisor. For questions about this content, please see your advisor.

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