

Technical Education • Bachelor of Science

Why Choose Technical Education?

Rapid technological changes have generated strong demand for technical teachers in Michigan. Graduates can expect excellent career opportunities in industry, secondary and vocational education.

Technical skills and the training to teach them to others are a valuable combination in education today. If you relate well to others and enjoy working with your hands and mind, you are well suited for a worthwhile and rewarding career in technical education.

The Ferris State University technical education program provides a balanced mix of courses in three major areas: professional education, field experience and liberal arts education. About a third of the courses required for graduation will be in the major's chosen field. Technical education students also must complete occupational work experience. A field experience in which students work with young people in public schools is required, along with a full-time directed teaching assignment in a vocational/technical program at an area vocational center or high school.

Professional Opportunities

Known for its technical, hands-on programs, Ferris State University offers technical education students diverse opportunities including automotive, electronics, welding, industrial and HVACR technology or computer assisted design and manufacturing.

Admission Requirements

High school students and transfer students with 29 credit hours or less must possess a high school grade point average of 2.25 (on a 4.0 scale) or an ACT composite score of 15. Transfer students with 30 credit hours or more must possess a 2.0 cumulative GPA. Students transferring into the program with completed majors or minors must have the appropriate GPA as established by each department. Consult individual program description for other admission requirements.

Admission to the Technical Education curriculum requires the completion of one of the following:

- An A.A.S. Degree with at least 40 semester hours in the occupational major and a minimum grade point average of 2.50 in the major courses.

OR

- Occupational competence documented by the Michigan Occupational Competency Assessment Center (MOCAC).

Teacher Certification Requirements

As required by the State of Michigan to receive teacher certification, all teacher candidates must: (1) pass the Michigan Basic Skills Test, (2) pass the pedagogy tests in their subject area majors and minors, and (3) have a 2.50 minimum GPA to receive teacher certification in Michigan. These state requirements are in addition to the FSU graduation requirements of your individual program.

THIS DEGREE DOES NOT LEAD TO SECONDARY TEACHER CERTIFICATION UNLESS YOU HAVE AN ACADEMIC MAJOR AND MINOR (i.e. Math, English, etc.).

Graduation Requirements

The technical education program leads to a Bachelor of Science degree through the School of Education, College of Education & Human Services. Graduates must complete all of FSU's general education, technical, and education requirements. Professional education requirements include a semester of directed student teaching. Consult individual program description for other graduation requirements.

Required Courses

Credit Hours

Professional Education Sequence

Admission to the Technical or Wage Earning Home Economics Education curriculum requires the completion of one of the following:
Level I

Note: Students seeking admission to teacher education candidacy must meet all university requirements for admission to the specific program they wish to enter.

EDUC 251	Life Span Human Growth & Dev	3
EDUC 289	Principles of Teaching and Learning	3

Level II

Note: Prior to admission to the Teacher Education Program and Level II courses, students must pass all sections of the Basic Skills Test, complete all Professional Education Prerequisite courses with a minimum of 2.5 GPA, with no grade lower than a C (2.0), have a 2.5 cumulative GPA, and meet all other program requirements. Students may have no more than two repeats in Level I coursework.

EDUC 303	School, Work & Society	3
EDUC 308	Teaching Strategies for SPED/Diverse Pop	3
EDUC 339	Instructional Planning and Practice	2
EDUC 430	Instruction Delivery & Evaluation	4
EDUC 439	Instructional Theory into Practice	2
EDUC 443	Teaching Reading/Secondary Areas	3

The next two courses are required for vocational majors only (Allied Health, Business, Technical, Wage Earning Home Economics)

CAHS 497	Special Studies in CAHS (Allied Health Education students only)	1-6
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EDUC 400	Found in Career & Tech Edu	3
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Level III

Note: Prior to student teaching and professional seminar (Level III courses), students must obtain the appropriate GPA for their major/minor as established by each department, earn an overall GPA of 2.75 in the professional education courses, have a 2.5 cumulative GPA, and meet all other program requirements.

EDUC 491	Secondary Directed Teaching	12
EDUC 499	Professional Seminar	2
TOTAL		40

FIELD EXPERIENCE REQUIREMENT: (for vocational majors only: Allied Health, Business, Technical, Wage Earning Home Economics) Two years of wage earning occupational work experience (within the last five (5) years) required. One-year experience plus one semester of EDUC 391 is acceptable. EDUC 391 credit will be granted for approved occupational experience (8 credits maximum).

EDUC 391	Cooperative Work Internship	8
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NOTE: STUDENTS MUST OBTAIN THE APPROPRIATE GPA FOR THEIR MAJOR/MINOR AS ESTABLISHED BY EACH DEPARTMENT. A 2.75 GPA IS REQUIRED IN THE PROFESSIONAL EDUCATION COURSE SEQUENCE. A 2.50 CUMULATIVE GPA IS ALSO REQUIRED BEFORE STUDENT TEACHING. NOTE: Though faculty advisors are responsible for advising students regarding degree requirements, it is the student who is ultimately responsible for choosing the correct courses and for following the correct program.



More Information

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FERRIS STATE UNIVERSITY

COLLEGE OF EDUCATION & HUMAN SERVICES