

## Kansas State Polytechnic: College of Education Technology Education

### Overview

You may enjoy learning and sharing knowledge with others. You may find satisfaction in working with teens and seeing them grow in skill and independence. You may be challenged by work requiring organization of complex materials, constant communication with others and leadership skills. These characteristics and others make an excellent secondary teacher - someone who specializes in teaching grades 6-12.

Secondary education is a career in which you can realize the satisfaction of helping others while working in a supportive, educational setting that will constantly challenge you to grow and learn.

As a secondary teacher, you will be called upon to:

- Teach the basic skills, content and methods of learning in your field.
- Respect the individual differences in a development, attitude and learning needs of teens as they respond to new situations.
- Work with other educators to plan for a learning environment that will challenge all students.
- Share yourself and your commitment to teaching with the community as you work on behalf of its youth.

Kansas State University's College of Education offers a secondary education program that combines some of the best features of both large and small schools. Because K-State is a large, multipurpose university, its colleges offer strong, specialized coursework in your chosen content area.

### Professional options

#### Job experience

Near the end of your program, you will have the opportunity to complete a semester of practical experience through student teaching. During student teaching, you will gradually assume responsibility of a secondary classroom under the guidance of a cooperating teacher and college supervisor.

### Academics

#### Accreditation

Secondary education programs at K-State are accredited by the National Council for the Accreditation of Teacher Education, or NCATE, and the Kansas State Department of Education. The university is accredited by the North Central Association of Colleges and Universities.

#### Licensure

To teach in the Kansas public school system, secondary education majors first meet state licensure standards, which are prescribed by the Kansas State Department of Education, or KSDE. Licensure requirements include the successful completion of the B.S. degree, along with the completion of a KSDE-approved teacher preparation program like K-State's.

### Required coursework

#### Bachelor of Science in Education- Secondary

(131 credit hours)

#### Admissions to Teacher Education

Basic Skills Test  
50 hours completed  
Orientation to Teacher Education at KSU  
Expository Writing 1\*  
Expository Writing 2\*  
Public Speaking\*  
College Algebra\*  
STAT 325\*  
2.75 Teaching Field GPA  
2.75 Overall GPA  
Early Field Experience

\*Grade of C or better

#### General Education (24 credit hours)

##### Communications (9 hours)

3 ENGL 100 Expository Writing I  
3 ENGL 200 Expository Writing II  
3 COMM 106 Public Speaking I

##### Humanities (6 hours)

3 Literature  
3 Fine Arts Appreciation

##### Social Science (6 hours)

3 Global Issue  
3 Elective

##### Natural Science- One Lab Required

Met in teaching field

##### Quantitative Sciences (3 hours)

3 STAT 325 Introduction to Statistics

### Teacher Education Courses (40 credit hours)

#### Pre-Professional Component (8 credit hours)

0 DED 075 Orientation to Teacher Education at KSU  
1 EDSEC 200 Teaching as a Career  
1 EDSEC 230 Early Field Experience  
3 EDSEC 310 Foundation of Education  
3 HDFS 110 Introduction to Human Development

#### Professional Education Component (32 credit hours)

1 EDCI 318 Educational Technology for Teaching and Learning  
2 EDSEC 405 Middle-Level Education

##### Block I

3 EDCEP 315 Educational Psychology  
3 EDSEC 376 Core Teaching Skills: Secondary/Middle  
2 EDSP 323 Exceptional Students in the Secondary School

##### Block II

1 EDCEP 525 Interpersonal Relations in the Schools  
1 EDSEC 455 Teaching in a Multicultural Society  
2 EDSEC 477 Content Area Literacies and Diverse Learners  
3 EDSEC 548 Technology Education Methods for Secondary and Middle Schools  
2 EDSEC 549 Technology Education Practicum for Secondary and Middle Schools

#### Professional Semester

12 EDSEC 586 Teaching Internship in Secondary Schools

#### Teaching Field/Technology (67 hours)

3 CHM 110 General Chemistry  
3 CMST 103 Computing Principles  
3 CMST 250 Hardware and Network Fundamentals  
3 CMST 252 System and Software Fundamentals  
4 ECET 100 Basic Electronics  
4 ECET 250 Digital Logic  
3 ECET 304 Electric Power and Devices  
3 EDSEC 620 Principles and Philosophy of Career and Technical Education  
3 EDSEC 621 Program Planning in Career and Technical Education  
3 ETA 292 Problems in Engineering Technology  
3 ETB 492 Advanced Problems in Engineering Technology: Energy Systems and Construction Technology  
3 MATH 150 Plane Trigonometry  
3 MET 111 Technical Graphics  
3 MET 121 Manufacturing Methods  
3 MET 211 Statics  
3 MET 230 Automated Manufacturing Systems I  
3 MET 231 Physical Materials and Metallurgy  
3 MET 252 Fluid Power Technology  
4 MET 264 Machine Design Technology I  
3 MET 325 Additive Manufacturing  
4 PHYS 113 General Physics I

**For more information about the  
computer systems technology  
program, contact:**

Kansas State Polytechnic  
Office of Admissions  
2310 Centennial Road  
Salina, KS 67401-8196  
785-826-2640  
polytechnic@k-state.edu

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Post-Graduation Statistics  
[k-state.edu/postgrad-stats](http://k-state.edu/postgrad-stats)  
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