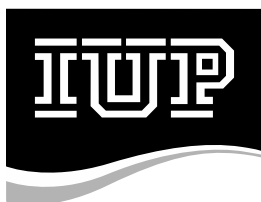


UNDERGRADUATE CATALOG 2016–17

Center for Career and Technical
Personnel Preparation
College of Education and Educational Technology
www.iup.edu/careerteched

This document is a direct extract from the full 2016–17 *Undergraduate Catalog*. As a result, the original page numbering will appear.

For information on other colleges at IUP, or about specific courses, please consult the full 2016–17 catalog, available at www.iup.edu/registrar/catalog. Earlier catalogs are also available at this web address.



Indiana University of Pennsylvania

**Center for Career and Technical Personnel
Preparation—Vocational-Technical Professional Studies**

Website: www.iup.edu/careerteched

W. Barnett Knorr, Director; Karen S. Rivosecchi, Chairperson; Boyd, Bruce, Catlos, Murdoch

The Vocational-Technical Professional Studies program offers undergraduate curricula that prepare in-service teachers for vocational-technical education. Programs may lead to either a bachelor of science in education degree with certification or to professional certification only. Program graduates have a broad range of employment opportunities as teachers/trainers in

secondary schools, vocational-technical schools, postsecondary schools, and business and industry.

Certification to teach vocational-technical education in the commonwealth's secondary schools is issued to individuals who meet statutory requirements, demonstrate occupational/technical proficiency on a nationally standardized occupational competency examination, and complete 78 credits of the Pennsylvania Department of Education's approved university program.

Certification to serve as a cooperative education teacher-coordinator in the commonwealth's secondary schools can be earned by completing a program of studies tailored to each student's individual background and professional needs. The program prepares individuals for managing industrial cooperative training and school-to-work transitional experiences. For people holding a valid Pennsylvania Instructional Certificate, the program of studies will be individualized based on educational credits earned.

Each program requires completion of the following credits: bachelor of science in education (120cr), cooperative education teacher/coordinator certificate (15cr), and vocational-technical education certificate (78cr).

Bachelor of Science in Education—Vocational-Technical Education

Liberal Studies: As outlined in Liberal Studies section with the following specifications: 46-47

Mathematics: MATH 151

Social Science: PSYC 101

Liberal Studies Electives: 6cr, MATH 152, no courses with VOED prefix

College: 14

Professional Educational Sequence:

COMM 103	Digital Instructional Technology	3cr
EDEX 301	Education of Students with Disabilities in Inclusive Secondary Settings	2cr
EDEX 323	Instruction of English Language Learners with Special Needs	2cr
EDEX 458	Transition for Youth with Disabilities	3cr
EDSP 102	Educational Psychology	3cr
EDUC 442	School Law	1cr

Major: 28

Required Courses:

VOED 101	Introduction to Career and Technical Education	1cr
VOED 102	Instructional Planning in the Career and Technical Classroom	2cr
VOED 103	Strategies for Teaching Career and Technical Education	3cr
VOED 201	Making Accommodations for Students with Special Needs in the Career and Technical Classroom	1cr
VOED 202	Industry Linkages for Career and Technical Programs	3cr
VOED 203	Incorporating Reading and Communications Strategies in the Career and Technical Classroom	3cr
VOED 301	Integrating Math and Science in Career and Technical Education	3cr
VOED 302	Career Education in the Career and Technical Classroom	3cr
VOED 403	Assessment and Evaluation in Career and Technical Education	3cr
VOED 404	Research in Career and Technical Education	3cr
VOED 405	Professional Seminar in Career and Technical Education	3cr

Controlled Electives: (as advised) 3
FCSE 101, MGMT 275, or VOED 402

Other Requirements: 24

VOED 450	Technical Preparation of the Vocational Professional	24cr
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Free Electives: 4-5

Total Degree Requirements: 120

Certificate—Vocational-Technical Education

Liberal Studies: As follows: 30-32

English: ENGL 101, 202

Fine Arts: one course from list

Humanities-Literature: one course from list

Mathematics: MATH 151

Natural Science: two courses, lab or non-lab

Social Science: PSYC 101

Liberal Studies Electives: 6cr, MATH 152, no course with VOED prefix

College: 14

Professional Educational Sequence:

COMM 103	Digital Instructional Technology	3cr
EDEX 301	Education of Students with Disabilities in Inclusive Secondary Settings	2cr
EDEX 323	Instruction of English Language Learners with Special Needs	2cr
EDEX 458	Transition for Youth with Disabilities	3cr
EDSP 102	Educational Psychology	3cr
EDUC 442	School Law	1cr

Major:

Required Courses: 28

VOED 101	Introduction to Career and Technical Education	1cr
VOED 102	Instructional Planning in the Career and Technical Classroom	2cr
VOED 103	Strategies for Teaching Career and Technical Education	3cr
VOED 201	Making Accommodations for Students with Special Needs in the Career and Technical Classroom	1cr
VOED 202	Industry Linkages for Career and Technical Programs	3cr
VOED 203	Incorporating Reading and Communications Strategies in the Career and Technical Classroom	3cr
VOED 301	Integrating Math and Science in Career and Technical Education	3cr
VOED 302	Career Education in the Career and Technical Classroom	3cr
VOED 403	Assessment and Evaluation in Career and Technical Education	3cr
VOED 404	Research in Career and Technical Education	3cr
VOED 405	Professional Seminar in Career and Technical Education	3cr

Controlled Electives: (as advised) 3

FCSE 101, MGMT 275, or VOED 402

Free Electives: 1-3

Total Certification Requirements: 78

Certificate—Secondary School Cooperative Education

Teacher/Coordinator (1) 15

Existing Pennsylvania teaching certificate (Vocational Instructional I or II certificate or Instructional I or II certificate)

Required Courses:

VOED 402	Special Topics in Vocational Pedagogical Preparation	6-15cr
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(1) Student may be exempt from some credit requirements based on proof of previous course work and demonstration of specific competencies.