

Certification Leading to Bachelor of Science in Education Career and Technical Education

Name:			
C & T Intern Certificate (valid for 3 calendar years)		Exp. Date:	
CTE Courses - 15 credits (Field-Based)			
	CR	Term	Grade
VOED 101 - Introduction to CTE	1		
VOED 102 - Instr. Planning in CTE Classroom	2		
VOED 103 - Strategies for Teaching CTE	3		
VOED 201 - Making Accommodations for Special Needs Students - must be taken jointly with EDEX 301	1		
EDEX 301 - Education of Students w/ Disabilities in Inclusive Secondary Settings (co-req w/ VOED 201)	2		
VOED 202 - Industry Linkages for CTE Programs	3		
VOED 203 - Incorporating Reading and Communication Strategies in CTE Classroom	3		
Liberal Studies – 3 credits			
ENGL 101 - Composition I	3		
Other Certification Requirements			
Praxis Core Academic Skills for Educators Tests: Reading and Writing			
PDE 430 Observation (embedded in VOED 203 course observation)			

Notes:

Students wishing to take coursework at another institution must complete the online Pre-Approval of Coursework at another College/University.
www.iup.edu/registrar/howto/pre-approval-for-coursework-at-another-college-or-university.html This must be done *before* the course is taken.

Students who have earned a Bachelor's Degree are exempt from taking Praxis Core Academic Skills for Educators Tests: Reading and Writing.

**Override needed for course registration*

All BS candidates must progress through levels of certification per time requirements. See page 2 for additional coursework to complete BS in addition to certification requirements

Banner ID:			
C & T Instructional I Certificate (valid for 8 teaching years)		Issue Date:	
CTE Courses - 12 credits (Field-Based)			
	CR	Term	Grade
VOED 301 - Integrating Math & Science in CTE	3		
VOED 302 - Career Ed. in the CTE Classroom	3		
Professional Education Courses should be taken prior to VOED 404 and 405.			
VOED 404 - Research in CTE (Spring semester only)	3		
VOED 405 - Professional Seminar in CTE (Fall semester only)	3		
Professional Education Sequence - 15 credits			
EDSP 102 - Educational Psychology	3		
*EDSP 477 - Assessment of Student Learning	3		
*ETIT 103 - Digital Instructional Technology (formerly offered as ACE 103 or COMM 103)	3		
EDEX 323 - Instruction of English Language Learners w/Special Needs	2		
EDEX 458 - Transition Assessment and Planning for Youth with Disabilities	3		
*EDUC 442 - School Law	1		
Liberal Studies – 12-13 credits Depending upon Natural Science course selection			
MATH 151 - Elements of Mathematics I	3		
PSYC 101 - General Psychology	3		
HUMANTIES - (Choose one from page 3)	3		
NATURAL SCIENCE - (Choose one from page 3)	3-4		
Free Electives - 2-3 credits Depending upon total credits earned			
Choose ANY course listed in IUP Undergraduate Catalog (Clear with advisor first)	2-3		
Other Certification Requirements			
Praxis Core Academic Skills for Educators Tests: Mathematics			
PDE 430 Observation (embedded in course VOED 405)			
C & T Instructional II Certificate		Issue Date:	

All BS candidates must progress through levels of certification per time requirements.

This list of coursework is in addition to certification requirements

Liberal Studies	Cr	Term	Grade
Skills: English Composition - 3 Cr			
ENGL 202 - Composition II (ENGL 101/Soph Standing (30 credits))	3		
Humanities - 6 crs (Choose two courses based on which you took for certification)			
History: (Choose ONE from next page)	3		
Literature: (Choose ONE from next page)	3		
Philosophy or Religious Studies: (Choose ONE from next page)	3		
Natural Science – 7 or 8 Crs (Total including 3-4 cr from Certification)			
3 cr. Lecture (Choose ONE from next page)	3		
3 cr. Lecture OR 3 cr. Lecture w/ 1 cr. Lab (Choose ONE from next page)	3-4		
Social Science - 6 Crs			
ANTH 110, ANTH 211, ANTH 213, FSMR 125, GEOG 104, PLSC 101, RGPL 103, SOC 161 (Choose ONE)	3		
CRIM 101, ECON 101, ECON 121, JRNL 105, SOC 151, SOC 161 (Choose ONLY ONE)	3		

	Cr	Term	Grade
Fine Arts - 3 Crs			
ARHI 101, MUHI 101, MUHI 102, THTR 101, THTR 161, FIAR 101, DANC 102 (Choose ONE)	3		
Dimensions of Wellness OR Military Science - 3 or 4 Crs			
Option 1: COMM 143, COSC 143, ECON 143, FCSE 143, FDNT 143, FIN 143, KHSS 143, KHSS 143, NURS 143 (Choose ONE)	3		
Option 2: MLSC 101 - Intro to Military Science; and MLSC 102 - Fundamentals of Military Science	2 2		
Liberal Studies Electives - 3 Crs			
Select one from list https://catalog.iup.edu/preview_program.php?catoid=6&poid=2338	3		
Other Requirements - 24 Crs			
VOED 450 - Technical Preparation of the Vocational Professional (24 credits from your OCA will be posted to your transcript after 90 credits have been earned.)	24		
Free Electives 9-11 Crs (Total including 2-3 cr from Certification)			
Choose ANY course listed in IUP Undergraduate Catalog (Clear with advisor first)			
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Career and Technical Education

HUMANITIES - 3 Credits		Term	Grade
HISTORY:			
HIST 196 - Exploration in US History	3		
HIST 197 - Explorations in European History	3		
HIST 198 - Explorations in Global History	3		
LITERATURE:			
ENGL 121 - Humanities Literature	3		
ARHU 122 - Big Ideas I: Ancient to Enlightenment	3		
ARHU 123 - Big Ideas II: Enlightenment to Present	3		
FNLG 121 - Humanities Literature	3		
ENGL 225 - Introduction to Literature by Women	3		
ENGL 256 - Videogames and Digital Literature	3		
PHILOSOPHY or RELIGIOUS STUDIES:			
PHIL 100 - Introduction to Philosophy	3		
PHIL 101 - Critical Thinking	3		
PHIL 122 - Contemporary Moral Issues	3		
PHIL 130 - Introduction to Biomedical Issues	3		
PHIL 223 - Philosophy of Art	3		
PHIL 240 - Philosophy and the Good Life	3		
RLST 100 - Introduction to Religion	3		
RLST 110 - World Religions	3		
RLST 120 - Comparative Religious Ethics	3		

NATURAL SCIENCE LABORATORY COURSES - 4 Credits (Choose ONE)	Cr.	Term	Grade
BIOL 103 - Life on Earth	4		
BIOL 104 - Human Biology: How the Human Body Works	4		
BIOL 106/116 - Human Genetics and Health	4		
CHEM 101 - College Chemistry I	4		
CHEM 102 - College Chemistry II	4		
CHEM 111 - General Chemistry I	4		
CHEM 112 - General Chemistry II	4		
CHEM 113 - Advanced General Chemistry I	4		
CHEM 114 - Advanced General Chemistry II	4		
GEOS 101/102 - The Dynamic Earth w/ lab	4		
GEOS 103/104 - Oceans and Atmospheres w/ lab	4		
GEOS 105/106 - Exploring the Universe w/ lab	4		
GEOS 111 - Earth and Environmental Systems	4		
GEOS 200 - Foundations of Geology	4		
GEOS 203 - Surficial Processes	4		
GEOS 204 - Historical Geology	4		
PHYS 111/121 - Physics I w/ lab	4		
PHYS 112/122 - Physics II w/ lab	4		
PHYS 131/141 - Physics I w/ lab (calculus)	4		
PHYS 132/142 - Physics II w/ lab (calculus)	4		
PHYS 151/161 - Medical Physics w/ lab	4		
SCI 104 - Fundamentals of Environmental Biology	4		
SCI 105 - Physical Science I	4		
SCI 107/117 - Chemistry for Everyone w/ lab	4		

NATURAL SCIENCE NON-LABORATORY COURSES - 3 Credits (Choose ONE)	CR.	Term	Grade
BIOL 106 - Human Genetics and Health	3		
BIOL 107 - Introduction to Forensic Biology	3		
BIOL 115 - Biotic Diversity of North America	3		
BIOL 117 - Understanding HIV Biology and AIDS	3		
BIOL 118 - The History of Pain	3		
BIOL 119 - Emerging Diseases	3		
CHEM 105 - The Forensic Chemistry of CSI	3		
CHEM 107 - Chemistry of Food and Beverages	3		
GEOS 101 - The Dynamic Earth	3		
GEOS 103 - Oceans and Atmospheres	3		
GEOS 105 - Exploring the Universe	3		
GEOS 119 - Geology of Energy Resources	3		
GEOS 150 - Geology of National Parks	3		
GEOS 151 - The Age of Dinosaurs	3		
GEOS 152 - Physical Resources of the Earth	3		
GEOS 154 - Human Exploration of Space	3		
GEOS 155 - Geology of Climate Change	3		
GEOS 156 - Geology of Natural Disasters	3		
PHYS 101 - Energy and Our Environment	3		
PHYS 105 - The Physics of Light and Sound	3		
PHYS 111 - Physics I Lecture	3		
PHYS 112 - Physics II Lecture	3		
PHYS 131 - Physics I Lecture (calculus)	3		
PHYS 132 - Physics II Lecture (calculus)	3		
PHYS 151 - Medical Physics Lecture	3		
SCI 101 - Fundamentals of Physics	3		
SCI 102 - Fundamentals of Chemistry	3		
SCI 107 - Chemistry for Everyone	3		
SCI 113 - Physics in Science Fiction	3		