

CAREER AND TECHNICAL EDUCATION (B.S.ED.)

Required course work includes the university requirements (see regulation J-3 (<https://catalog.uidaho.edu/general-requirements-academic-procedures/j-general-requirements-baccalaureate-degrees/#j3>)) and the following courses. A 2.75 GPA is required for graduation.

Code	Title	Hours
General Career and Technical Education Requirements		
CTE 351	Principles and Philosophy of Career and Technical Education	3
CTE 430	Leadership and Student Organizations	2
CTE 431	Supervising CTE Career and Technical Student Organizations	1-3
CTE 464	Career Guidance and Transitioning to Work	3
Options		
Select one of the following options:		45-87
Business and Marketing Education (p. 1)		
Engineering and Technology Education (p. 2)		
Family and Consumer Sciences (p. 2)		
Workforce Training and Development (p. 1)		
Total Hours		54-98

A. Business and Marketing Education Option

The Business and Marketing Education option is for students interested in teaching business, marketing, and business technology subjects at the high school or post-secondary level. Completers of this option may apply for Idaho secondary teacher certification with endorsements in business technology, marketing technology, and usually economics (based on selected electives).

Requirements include the General Career and Technical Education Requirements, the satisfactory completion of the PRAXIS II Content Area Exam, and the following:

Code	Title	Hours
ACCT 201	Introduction to Financial Accounting	3
ACCT 202	Introduction to Managerial Accounting	3
BLAW 265	Legal Environment of Business	3
BUS 190	Integrated Business and Value Creation	3
COMM 101	Fundamentals of Oral Communication	3
CTE 413	Retail Merchandising for Marketing Education	3
CTE 415	Productivity Software in Business Education	3
or CTE 419	Database Applications and Information Management	
CTE 416	Website Design and Development	3
or CTE 460	Desktop Publishing	
CTE 418	Teaching Economics and Personal Finance	3
CTE 484	Internship in Career and Technical Education Teaching	10
CTE 492	Business and Marketing Education Methods	3
CTE 495	Administrative Technology Management and Procedures	3
ECON 201	Principles of Macroeconomics	3

ECON 202	Principles of Microeconomics	3
EDCI 201	Contexts of Education	3
EDCI 301	Learning, Development, and Assessment	3
EDCI 401	Internship Seminar	1
EDCI 410	Technology, Teaching and Learning	2
EDCI 463	Literacy Methods for Content Learning	3
EDSP 300	Educating for Exceptionalities	3
ENGL 313	Business Writing	3
FCS 448	Consumer Economic Issues	3
MATH 143	College Algebra ¹	3
or STAT 251	Statistical Methods	
MHR 310	Leading Organizations and People ¹	3
or MHR 311	Introduction to Management	
MKTG 321	Marketing	3
PSYC 101	Introduction to Psychology	3
or PSYC 305	Developmental Psychology	
Select 6 credits of Accounting, Business, Economics or CTE electives		6
Total Hours		88

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This mathematics elective is in addition to the General Education Mathematics requirements. Students must complete a total of 6 credits.

Courses to total 128 credits for this degree

Note: Students interesting in obtaining a teaching endorsement in Economics need to ensure that 3 credits of the designated elective credits are in economics, finance or accounting, see an advisor for details.

B. Workforce Training and Development Option

This option is designed for those teachers in secondary trade and industrial programs who wish to teach in post-secondary professional-technical programs. Requirements include the General Career and Technical Education Requirements and the following:

Code	Title	Hours
CTE 420	Assessment in Contextual Learning Environments	3
CTE 426	Occupational Analysis and Curriculum Development	3
CTE 447	Diverse Populations and Individual Differences (Max 3 credits)	2-3
CTE 472	Teaching and Learning in Organizations	3
Select one approved course in computer literacy		3
Career and Technical electives approved by advisor to total 128		
CTE 200	Seminar	
CTE 203	Workshop	
CTE 204	Special Topics	
CTE 299	Directed Study	
CTE 400	Seminar	
CTE 403	Workshop	
CTE 404	Special Topics	
CTE 418	Teaching Economics and Personal Finance	
CTE 499	Directed Study	

Additional requirements for Secondary Teaching Certificate include the following:¹

COMM 101	Fundamentals of Oral Communication	3
EDCI 201	Contexts of Education	3
EDCI 301	Learning, Development, and Assessment	3
EDCI 302	Teaching Culturally Diverse Learners	3
EDCI 401	Internship Seminar	1
EDCI 463	Literacy Methods for Content Learning	3
EDSP 300	Educating for Exceptionalities	3
EDCI 485	Secondary Internship	10-15
or CTE 484	Internship in Career and Technical Education Teaching	
PSYC 101	Introduction to Psychology	3
or PSYC 305	Developmental Psychology	
Total Hours		46-52

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Additional requirements for CTE Occupational Education students seeking an Idaho Secondary Teaching Certificate include the satisfactory completion of the PRAXIS II Content Area Test, and COMM 101.

Courses to total 128 credits for this degree

C. Engineering and Technology Education Option

Requirements include the General Career and Technical Education Requirements, the satisfactory completion of the PRAXIS II Content Area Exam, and the following:

Code	Title	Hours
ASM 107	Beginning Welding	3
ASM 202	Agricultural Shop Practices	3
COMM 101	Fundamentals of Oral Communication	3
CTE 353	Manufacturing Systems	3
CTE 370	Transportation & Engineering Technologies	3
CTE 410	Technology & Society	3
CTE 415	Productivity Software in Business Education	3
CTE 416	Website Design and Development	3
CTE 426	Occupational Analysis and Curriculum Development	3
CTE 462	Communication Technology	3
CTE 481		3
CTE 484	Internship in Career and Technical Education Teaching	10
CTE 494	Senior Project	3
EDCI 201	Contexts of Education	3
EDCI 301	Learning, Development, and Assessment	3
EDCI 302	Teaching Culturally Diverse Learners	3
EDCI 463	Literacy Methods for Content Learning	3
EDSP 300	Educating for Exceptionalities	3
ENGL 317	Technical Writing II	3
MATH 143	College Algebra	3
PHYS 111	General Physics I	3
PHYS 111L	General Physics I Lab	1
PHYS 112	General Physics II	3

PHYS 112L	General Physics II Lab	1
PSYC 101	Introduction to Psychology	3
or PSYC 305	Developmental Psychology	
Total Hours		78

Courses to total 129 credits for this degree

D. Family and Consumer Sciences Option

Code	Title	Hours
CTE 420	Assessment in Contextual Learning Environments	3
CTE 426	Occupational Analysis and Curriculum Development	3
CTE 447	Diverse Populations and Individual Differences	3
or EDCI 302	Teaching Culturally Diverse Learners	
CTE 484	Internship in Career and Technical Education Teaching	10-14
or AGED 498	Internship	
EDCI 201	Contexts of Education	3
EDCI 301	Learning, Development, and Assessment	3
EDCI 401	Internship Seminar	1
EDCI 410	Technology, Teaching and Learning	2
EDCI 463	Literacy Methods for Content Learning	3
EDSP 300	Educating for Exceptionalities	3
HDFS 105	Individual and Family Development	3
ATD 123	Textiles	3
FN 205	Concepts in Human Nutrition	3
ECDE 234	Infancy and Early Childhood	3
FCS 236		3
FCS 251	Survey of FCS Professions	1
FN 270	Scientific Principles of Food Preparation	3
FN 271	Scientific Principles of Food Preparation Lab	2
ECDE 340	Parent-Child Relationships in Family and Community	3
FCS 346	Personal and Family Finance and Management	4
or FCS 448	Consumer Economic Issues	
FCS 428	Housing America's Families	3
Select one of the following:		3-4
AGED 452	Methods of Teaching Agriculture	
CTE 472	Teaching and Learning in Organizations	
Total Hours		68-73

Courses to total 120 credits for this degree

Business and Marketing Education Option

Fall Term 1	Hours	
BUS 190	Integrated Business and Value Creation	3
COMM 101	Fundamentals of Oral Communication	3
ENGL 101	Writing and Rhetoric I	3
Humanistic and Artistic Ways of Knowing Course		3
MATH 143 OR STAT 251		3
Hours		15
Spring Term 1		
ECON 201	Principles of Macroeconomics	3
EDCI 201	Contexts of Education	3
ENGL 102	Writing and Rhetoric II	3

Humanistic and Artistic Ways of Knowing Course	3
Scientific Ways of Knowing Course	4
Hours	16
Fall Term 2	
ACCT 201 Introduction to Financial Accounting	3
ECON 202 Principles of Microeconomics	3
EDCI 301 Learning, Development, and Assessment	3
Scientific Ways of Knowing Course	4
American Diversity Course	3
Hours	16
Spring Term 2	
ACCT 202 Introduction to Managerial Accounting	3
BLAW 265 Legal Environment of Business	3
ENGL 313 Business Writing	3
International Course	3
Elective Course	3
Hours	15
Fall Term 3	
CTE 351 Principles and Philosophy of Career and Technical Education	3
EDSP 300 Educating for Exceptionalities	3
MKTG 321 Marketing	3
CTE 415 OR CTE 419	3
PSYC 101 OR PSYC 305	3
Hours	15
Spring Term 3	
CTE 413 Retail Merchandising for Marketing Education	3
CTE 430 Leadership and Student Organizations	2
CTE 431 Supervising CTE Career and Technical Student Organizations	1
EDCI 410 Technology, Teaching and Learning	2
Elective Course	2
MHR 310 OR MHR 311	3
CTE 416 OR CTE 460	3
Hours	16
Fall Term 4	
CTE 418 Teaching Economics and Personal Finance	3
CTE 464 Career Guidance and Transitioning to Work	3
CTE 495 Administrative Technology Management and Procedures	3
EDCI 463 Literacy Methods for Content Learning	3
FCS 448 Consumer Economic Issues	3
ACCT, BUS, ECON, or CTE, Major Elective Course	3
Hours	18
Spring Term 4	
CTE 484 Internship in Career and Technical Education Teaching	10
CTE 492 Business and Marketing Education Methods	3
EDCI 401 Internship Seminar	1
ACCT, BUS, ECON, or CTE, Major Elective Course	3
Hours	17
Total Hours	128

Engineering and Technology Education Option

Fall Term 1		Hours
ASM 107 Beginning Welding	3	
COMM 101 Fundamentals of Oral Communication	3	
ENGL 101 Writing and Rhetoric I	3	
MATH 143 College Algebra	3	
Humanistic and Artistic Ways of Knowing Course	3	
Elective Course	3	
Hours	18	

Spring Term 1		
EDCI 201 Contexts of Education	3	
ENGL 102 Writing and Rhetoric II	3	
PHYS 111 General Physics I	3	
PHYS 111L General Physics I Lab	1	
PSYC 101 OR PSYC 305	3	
Hours	13	
Fall Term 2		
ASM 202 Agricultural Shop Practices	3	
PHYS 112 General Physics II	3	
PHYS 112L General Physics II Lab	1	
EDCI 301 Learning, Development, and Assessment	3	
American Diversity Course	3	
Social and Behavioral Ways of Knowing Course	3	
Hours	16	
Spring Term 2		
EDCI 302 Teaching Culturally Diverse Learners	3	
EDSP 300 Educating for Exceptionalities	3	
ENGL 317 Technical Writing II	3	
Humanistic and Artistic Ways of Knowing Course	3	
International Course	3	
Elective Course	2	
Hours	17	
Fall Term 3		
CTE 351 Principles and Philosophy of Career and Technical Education	3	
CTE 370 Transportation & Engineering Technologies	3	
CTE 410 Technology & Society	3	
Approved CTE, Major Elective Course	3	
Approved CTE, Major Elective Course	3	
Elective Course	3	
Hours	18	
Spring Term 3		
CTE 353 Manufacturing Systems	3	
CTE 415 Productivity Software in Business Education	3	
CTE 426 Occupational Analysis and Curriculum Development	3	
CTE 430 Leadership and Student Organizations	2	
CTE 431 Supervising CTE Career and Technical Student Organizations	1	
Scientific Ways of Knowing Course	4	
Hours	16	
Fall Term 4		
CTE 416 Website Design and Development	3	
CTE 462 Communication Technology	3	
CTE 464 Career Guidance and Transitioning to Work	3	
EDCI 463 Literacy Methods for Content Learning	3	
1 credit Elective Course	1	
Elective Course	2	
Hours	15	
Spring Term 4		
CTE 484 Internship in Career and Technical Education Teaching	10	
CTE 481 Senior Project	3	
CTE 494 Senior Project	3	
Hours	16	
Total Hours	129	

Family and Consumer Sciences Option

Fall Term 1		Hours
ENGL 101 Writing and Rhetoric I	3	
HDFS 105 Individual and Family Development	3	
Mathematical Ways of Knowing Course	3	
Humanistic and Artistic Ways of Knowing Course	3	

Oral Communication Course	2
Hours	14
Spring Term 1	
EDCI 201 Contexts of Education	3
ENGL 102 Writing and Rhetoric II	3
FN 205 Concepts in Human Nutrition	3
Social and Behavioral Ways of Knowing Course	3
Scientific Ways of Knowing Course	4
Hours	16
Fall Term 2	
EDCI 301 Learning, Development, and Assessment	3
American Diversity Course	3
Scientific Ways of Knowing Course	4
Elective Course	3
FCS 123 OR FCS 419	3
Hours	16
Spring Term 2	
ECDE 234 Infancy and Early Childhood	3
FCS 251 Survey of FCS Professions	1
FN 270 Scientific Principles of Food Preparation	3
EDCI 302 Teaching Culturally Diverse Learners	3
Humanistic and Artistic Ways of Knowing Course	3
CTE 447 OR EDCI 302	3
Hours	16
Fall Term 3	
CTE 351 Principles and Philosophy of Career and Technical Education	3
EDSP 300 Educating for Exceptionalities	3
EDCI 410 Technology, Teaching and Learning	2
FCS 236	3
FN 271 Scientific Principles of Food Preparation Lab	2
FCS 340 OR FCS 445	3
Hours	16
Spring Term 3	
CTE 430 Leadership and Student Organizations	2
CTE 431 Supervising CTE Career and Technical Student Organizations	1
EDCI 463 Literacy Methods for Content Learning	3
FCS 428 Housing America's Families	3
International Course	3
FCS 346 OR FCS 448	3
Hours	15
Fall Term 4	
CTE 420 Assessment in Contextual Learning Environments	3
CTE 426 Occupational Analysis and Curriculum Development	3
CTE 464 Career Guidance and Transitioning to Work	3
1 credit Elective Course	1
AGED 452 OR CTE 472	3
Hours	13
Spring Term 4	
EDCI 401 Internship Seminar	1
Elective Course	3
AGED 498 OR CTE 484	10
Hours	14
Total Hours	120

Workforce Training and Development Option

Fall Term 1		Hours
ENGL 101 Writing and Rhetoric I		3
COMM 101 Fundamentals of Oral Communication		3
Mathematical Ways of Knowing Course		3

Scientific Ways of Knowing Course	4
Career and Technical, Major Elective Course	3
Hours	16
Spring Term 1	
ENGL 102 Writing and Rhetoric II	3
EDCI 201 Contexts of Education	3
Career and Technical, Major Elective Course	3
Social and Behavioral Ways of Knowing Course	3
Humanistic and Artistic Ways of Knowing Course	3
Hours	15
Fall Term 2	
Computer Literacy, Major Elective Course	3
American Diversity Course	3
Scientific Ways of Knowing Course	4
Career and Technical, Major Elective Course	3
Career and Technical, Major Elective Course	3
Hours	16
Spring Term 2	
EDCI 301 Learning, Development, and Assessment	3
Humanistic and Artistic Ways of Knowing Course	3
International Course	3
Career and Technical, Major Elective Course	3
Career and Technical, Major Elective Course	3
Career and Technical, Major Elective Course	3
Hours	18
Fall Term 3	
CTE 351 Principles and Philosophy of Career and Technical Education	3
CTE 420 Assessment in Contextual Learning Environments	3
EDCI 302 Teaching Culturally Diverse Learners	3
EDSP 300 Educating for Exceptionalities	3
Career and Technical, Major Elective Course	3
Career and Technical, Major Elective Course	3
Hours	18
Spring Term 3	
CTE 430 Leadership and Student Organizations	2
CTE 431 Supervising CTE Career and Technical Student Organizations	1
CTE 426 Occupational Analysis and Curriculum Development	3
EDCI 463 Literacy Methods for Content Learning	3
Career and Technical, Major Elective Course	3
Career and Technical, Major Elective Course	3
Hours	15
Fall Term 4	
CTE 464 Career Guidance and Transitioning to Work	3
CTE 447 Diverse Populations and Individual Differences	3
Career and Technical, Major Elective Course	3
Career and Technical, Major Elective Course	3
Career and Technical, Major Elective Course	1
PSYC 101 OR PSYC 305	3
Hours	16
Spring Term 4	
CTE 472 Teaching and Learning in Organizations	3
EDCI 401 Internship Seminar	1
CTE 484 OR EDCI 485	10
Hours	14
Total Hours	128

The degree map is a guide for the timely completion of your curricular requirements. Your academic advisor or department may be contacted for assistance in interpreting this map. This map is not reflective of your academic history or transcript and it is not official notification of

completion of degree or certificate requirements. Please contact the Registrar's Office regarding your official degree/certificate completion status.

1. Graduates work with others to create environments that support individual and collaborative learning and that encourage positive social interaction, active engagement in learning, and self-motivation.
2. Graduates understand and use multiple methods of assessment to engage learners in their own growth, to monitor learner progress, and to guide the graduates' of Career and Technical Education and learners' decision-making.