

2005-2007

**Secondary Education  
Technology Education (Industrial Arts)**

Code: 2551

**Bachelor of Science**

**Freshman Year**

EDCI 100 Orientation to Teacher Educ.	2	EDFL 106 Introduction to Education	3
ENGL 101 Rhetoric and Composition	3	ENGL 102 Composition and Literature	3
HIST 221 United States to 1877	3	ITEC 103 Introductory Graphics	3
ITEC 101 Introduction Industrial Tech.	3	MATH 210 Practical Mathematics <sup>2</sup>	3
MATH 105 College Algebra <sup>2</sup>	<u>3</u>	Elective (Secondary Teaching Area) <sup>1</sup>	<u>3</u>
	14		15

**Sophomore Year**

BIOL Elective <sup>3</sup>	3	ITEC 240 or 344 Metal/Machine Tech.	3
BHSC Elective <sup>4</sup>	3	ITEC 268 Gen Safety & Accident Prev	3
ITEC 203 Intro to Mechanical Tech.	3	PHYS 207 Introduction to Physics I	3
ITEC 220 Electronics I	3	PSYC 312 Adolescent Psychology	3
PSYC 220 Educational Psychology	3	THEA 300 Activities in Dramatics	3
Elective (Humanities) <sup>5</sup>	<u>3</u>	Elective (Secondary Teaching Area) <sup>1</sup>	<u>3</u>
	18		18

**Junior Year**

IREC 320 Technology in Classroom	3	EDCI 427 Teaching in Diverse Society	3
ITEC 270 Introduction to CAD	3	EDCI 450 Class Mgmt/Instr Design	3
ITEC 322 Digital Electronics Tech	3	EDFL 456 Classroom Assessment	3
PHYS 208 Introduction to Physics II	3	ITEC 250 Construct Mat & Methods I	3
SPED 300 Survey of Exceptional Child	3	Elective (Secondary Teaching Area) <sup>1</sup>	<u>4</u>
Elective (Secondary Teaching Area) <sup>1</sup>	<u>3</u>		16
	18		

**Senior Year**

EDCI 469 Adv Field Experience Sec	1	EDCI 479 Student Teaching Sec	9
EDCI Methods <sup>6</sup>	3	EDCI 440 Reflection & Prof Growth	1
ITEC 350 Construct Mat & Methods II	3	Elective (ENGL or LANG Literature)	<u>3</u>
ITEC 370 Advanced CAD	3		13
READ 410 Teaching Content Literacy	3		
Elective (Secondary Teaching Area) <sup>1</sup>	<u>3</u>		
	16		

Total: 128

NOTE: Students in this program are strongly encouraged, though not required, to add PHYS 215 (1 hour) following the completion of PHYS 207, and to also add ITEC 462, in order to strengthen their content-area preparation.

- 1 The Secondary Teaching Area for this program must be Mathematics, Biology, Chemistry, or Earth Science. A Secondary Teaching Area in Chemistry or Earth Science will require an additional 3 hours.
- 2 Students selecting Mathematics as the Secondary Teaching Field take MATH 270 and 301 and fulfill Secondary Teaching Area electives with requirements.
- 3 Students selecting any area of science as the Secondary Teaching Area must take BIOL 101.
- 4 Behavioral Science elective chosen from ANTH, CJUS, ECON, GEOG, POLS, PSYC, or SOCI.
- 5 Arts: (MUS, THEA, or VIAR), or Humanities: English, History, Journalism, Modern Language, Speech, or interdisciplinary Humanities (HUMN 151 or 152)
- 6 Secondary methods course in the Secondary Teaching Area (Mathematics: EDCI 452; or Science: EDCI 453).