

2009 - 2011

### Secondary Education Technology Education

Bachelor of Science

Code: 2551

#### Freshman Year

EDCI	100	Orientation to Teacher Educ.	3	EDFL	106	Introduction to Education	3
ENGL	101	Intro. to Academic Writing	3	ENGL	102	Writing/Research Culture	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>	3	Elective (Secondary Teaching Area) <sup>1</sup>			3
			<u>15</u>				<u>15</u>

#### Sophomore Year

BIOL		Elective <sup>3</sup>	3	ITEC	240/344	Metal I/Machine Tech. I	3
AHBS		Elective <sup>4</sup>	3	ITEC	268	Gen Safety & Accident Prev	3
CMCN	310	Public Speaking	3	PHYS	207	Introduction to Physics I	3
ITEC	203	Intro to Mechanical Tech.	3	PSYC	312	Adolescent Psychology	3
ITEC	320	Analog Electronics Tech.	3	THEA	300	Activities in Dramatics	3
PSYC	220	Educational Psychology	3	Elective (Secondary Teaching Area) <sup>1</sup>			3
			<u>18</u>				<u>18</u>

#### 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>			4
Elective (Secondary Teaching Area) <sup>1</sup>			3				<u>16</u>
			<u>18</u>				

#### Senior Year

EDCI	469	Adv Field Experience Sec	1	EDCI	479	Student Teaching Sec	9
EDCI		Methods <sup>5</sup>	3	Elective (ENGL or LANG Literature)			3
ITEC	350	Construct Mat & Methods II	3				<u>12</u>
ITEC	370	Advanced CAD	3				
READ	410	Teaching Content Literacy	3				
Elective (Secondary Teaching Area) <sup>1</sup>			3				
			<u>16</u>				

**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 110.
- 4 Arts: (MUS, THEA, or VIAR), or Humanities: English, History, Journalism, Modern Language, Speech, or interdisciplinary Humanities (HUMN 151 or 152)
- 5 Secondary methods course in the Secondary Teaching Area (Mathematics: EDCI 452; or Science: EDCI 453).