

Technology Education Program

OVERVIEW OF THE PROGRAMS

There is an extremely high demand for technology education graduates, especially in Eastern states such as West Virginia, Virginia, Pennsylvania, Ohio, Maryland, North Carolina, South Carolina and Florida. Our small classes are a contributing factor to our 100 percent passing rate on the National Teachers' Exam.

In this program, students will learn how to teach middle, junior and high school students about construction, manufacturing, communication, and transportation. Technology teachers educate students to understand, use, and control technology. Teachers lead students as they explore the development of technology and its effect on people, the environment, and society. Teachers help students adjust to change, to deal with forces that influence their future and to participate in controlling their future.

EMPLOYMENT OPPORTUNITIES

In the field of technology education, there are only 600 graduates in the nation for the 2,400 or more teaching positions available each year. This means that there at least four jobs available for every technology education graduate. Most teachers work nine months a year and spend about six hours a day teaching. Teaching requires preparation before class. It also requires working directly with students to solve problems, plan projects, select materials, produce projects, use tools and equipment in a safe manner, and properly organize and maintain a technology education laboratory.

CONTACT INFORMATION

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fast fact

Technology Educators are in high demand nationwide and earn an annual median salary of \$50,000.

FOR MORE INFORMATION VISIT

www.fairmontstate.edu/collegeofscitech

MODEL SCHEDULE

Technology Education (B.A.Ed.)

FRESHMAN FIRST SEMESTER

EDUC	2200	INTRODUCTION TO EDUCATION.....	3
ENGL	1104	WRITTEN ENGLISH I.....	3
MANF	1100	MATERIALS AND PROCESSES.....	3
MATH	1101	APPLIED TECHNICAL MATH I.....	3
TECH	1104	TECHNICAL DESIGN/PROBLEM SOLVING.....	3
GENERAL STUDIES - ARTISTIC/CREATIVE/INTERDISCIPLINARY ELECTIVE.....			3
			18

FRESHMAN SECOND SEMESTER

ENGL	1108	WRITTEN ENGLISH II.....	3
MATH	1102	APPLIED TECHNICAL MATH II.....	3
TECH	1150	CONTROL TECHNOLOGY.....	3
TECH	2204	CONSTRUCTION I.....	4
GENERAL STUDIES - ARTISTIC/CREATIVE/INTERDISCIPLINARY ELECTIVE.....			3
			16

SOPHOMORE FIRST SEMESTER

COMM	2200 OR 2201 OR 2202	3
EDUC	2201	INSTRUCTIONAL TECHNOLOGY.....	3
TECH	1100	TECHNOLOGY AND SOCIETY.....	3
TECH	3304	CONSTRUCTION II.....	4
GENERAL STUDIES - SCIENTIFIC DISCOVERY ELECTIVE.....			4
			17

SOPHOMORE SECOND SEMESTER

DRFT	2200	FUNDAMENTALS OF CAD.....	3
EDUC	2203	HUMAN DEVELOPMENT, LEARNING AND TEACHING.....	3
EDUC	2240	HIGH INCIDENCE DISABILITIES FOR EDUCATORS.....	3
TECH	2203	MANUFACTURING I.....	4
GENERAL STUDIES - SCIENTIFIC DISCOVERY ELECTIVE.....			4
			17

JUNIOR FIRST SEMESTER

EDUC	2260	INSTRUCTIONAL DESIGN I.....	3
EDUC	2265	FIELD EXPERIENCE II.....	1
TECH	2202	TRANSPORTATION I.....	4
TECH	3301	COMMUNICATION.....	4
TECH	3302	MANUFACTURING II.....	4
GENERAL STUDIES - SOCIETY/HUMAN INTERACTION ELECTIVE.....			3
			19

JUNIOR SECOND SEMESTER

EDUC	3331	READING IN CONTENT AREAS.....	3
GENERAL STUDIES - CULTURE/CIVILIZATION EXPLORATION ELECTIVE.....			3
GENERAL STUDIES - CULTURE/CIVILIZATION EXPLORATION ELECTIVE.....			3
TECH	3303	TRANSPORTATION II.....	4
TECH	3331	ORGAN./ADM. TECH. ED.....	4
			17

SENIOR FIRST SEMESTER

EDUC	3365	FIELD EXPERIENCE III.....	2
TECH	4431	METHODS AND MATERIALS.....	3
EDUC	3340	INSTRUCTIONAL DESIGN II.....	3
EDUC	3351	INCLUSIVE CLASSROOM PRACTICES.....	3
GENERAL STUDIES - CULTURE/CIVILIZATION EXPLORATION ELECTIVE.....			3
GENERAL STUDIES - SOCIETY/HUMAN INTERACTION ELECTIVE.....			3
			17

SENIOR SECOND SEMESTER

EDUC	4485	ACTION RESEARCH.....	1
EDUC	4486	PORTFOLIO.....	1
EDUC	4496	SECONDARY STUDENT TEACHING.....	10
			12