

Architecture Program

OVERVIEW OF THE PROGRAM

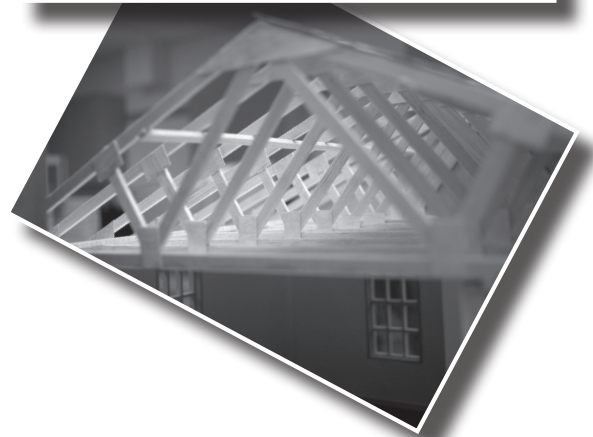
The Architecture program at Fairmont State University is a pre-professional program that focuses on history, design theory, building systems and graphic/oral communication skills required to present design ideas to others. The program is designed as a highly flexible 2 + 2 curriculum consisting of a two-year Associate of Science degree and a four-year Bachelor of Science degree.

Once the associate degree is earned, the graduate may choose to enter the workforce or to continue at the baccalaureate level. The associate degree in Architectural Engineering Technology provides students with a basic understanding of the history of architectural design and the entry-level drafting and communication skills required in order to work in a design/drafting office.

The Bachelor of Science degree provides a sound education for the pursuit of general knowledge and the first phase of a professional education for the general practice of architecture. The four-year program encompasses a foundation core of design, introductory studies in architectural history and theory and building technology. Advanced design studios address methodology and technological and theoretical synthesis through applied studies of a wide range of design inquiries and projects. Successful completion of the degree will prepare students to enter the profession at a more advanced level or pursue a graduate degree from a National Architecture Accrediting Board accredited school of architecture. Graduates with the Associate of Science degree are qualified for entry-level technical positions in architectural or engineering offices, firms related to architecture or other businesses requiring in-house planning and drafting.

EMPLOYMENT OPPORTUNITIES

Graduates with the baccalaureate degree are qualified for entry-level positions such as design or engineering technician. They may be employed in architectural offices, engineering offices, corporations or businesses that produce their own in-house construction-related documents. Graduates of the four-year program may also pursue a professional Master of Architecture degree at an accredited out-of-



fast fact

The annual median wage for Architecture is \$67,620.00 and the projected need for this career field is expected to increase by 20% by 2016.

FOR MORE INFORMATION VISIT

www.fairmontstate.edu/academics/collegeofscitech/default.asp

state institution for licensing. Recent graduates have been accepted at: The University of Pennsylvania, University of Cincinnati, Savannah College of Art & Design, Syracuse University and Virginia Tech.

CONTACT INFORMATION

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NOTES

MODEL SCHEDULE

Architecture (B.S.)

FRESHMAN FIRST SEMESTER

ENGL 1104	WRITTEN ENGLISH I	3
MATH 1101	APPLIED TECHNICAL MATH	3
ARCH 1130	ARCHITECTURAL HISTORY I	3
ARCH ELECTIVE		3
ART 1111	ART FUNDAMENTALS	3
		15

FRESHMAN SECOND SEMESTER

COMM 2200 OR 2201 OR 2202		3
ENGL 1108	WRITTEN ENGLISH II	3
MATH 1102	APPLIED TECHNICAL MATH II	3
ARCH 1160	ARCHITECTURAL HISTORY II	3
ARCH 2225	ARCHITECTURAL CADD	3
		15

SOPHOMORE FIRST SEMESTER

PHYS 1101	INTRODUCTION TO PHYSICS I	4
ARCH 2210	DESIGN I	4
COMP 1101	PROGRAMING	3
CIVL 2210	LIGHT CONSTRUCTION	4
GENERAL STUDIES-ARTISTIC/CREATIVE/INTERDISCIPLINARY ELECTIVE		3
		18

SOPHOMORE SECOND SEMESTER

PHYS 1102	INTRODUCTION TO PHYSICS II	4
ARCH 2250	DESIGN II	4
ARCH 2200	GRAPHICS	3
- OR -		
DRFT 2215	ARCHITECTURAL DRAFTING	4
MECH 1100	STATICS	3
GENERAL STUDIES - CULTURE/CIVILIZATION EXPLORATION ELECTIVE		3
		17/18

JUNIOR FIRST SEMESTER

ARCH 3300	DESIGN II	4
ARCH 3320	SITE PLANNING	3
CIVL 2220	CONSTRUCTION MATERIALS AND METHODS	4
MECH 2200	STRENGTH OF MATERIALS	4
GENERAL STUDIES - CULTURE/CIVILIZATION EXPLORATION ELECTIVE		3
		18

JUNIOR SECOND SEMESTER

ARCH 3350	DESIGN IV	4
ARCH 4420	URBAN DESIGN & PRESERVATION	3
CIVL 2290	INTRODUCTION TO STRUCTURES	3
GENERAL STUDIES - CULTURE/CIVILIZATION EXPLORATION ELECTIVE		3
GENERAL STUDIES-ARTISTIC/CREATIVE/INTERDISCIPLINARY ELECTIVE		3
		16

SENIOR FIRST SEMESTER

ARCH 4450	DESIGN V	4
ARCH 3310	CONSTRUCTION DETAILS AND MATERIALS	4
ARCH ELECTIVE		3
GENERAL STUDIES - SOCIETY/HUMAN INTERACTION ELECTIVE		3
		14

SENIOR SECOND SEMESTER

ARCH 4460	DESIGN VI	4
ARCH 4430	MECHANICAL AND ELECTRICAL SYSTEMS	3
ARCH ELECTIVE		3
ELECTIVE		3
GENERAL STUDIES - SOCIETY/HUMAN INTERACTION ELECTIVE		3
		16