SUSTAINABLE ARCHITECTURE

PROGRAM OVERVIEW
Sustainable Architecture (EEC.2Q)
Sustainable Architecture is a new approach to architectural design and construction that focuses on green con-struction technologies, renewable energy, and improving the energy performance of buildings. Most governments are now concerned about issues of sustainable development and environmental awareness of individuals.

The Sustainable Architecture program prepares students to meet the requirements of the construction industry in general and to meet the growing need to adopt and develop strategies for development and design that are sus-tainable. Areas of study include applied mathematics for architecture, technical architecture and drawings, design, construction and environmental sustainability, services of green buildings and energy management, analysis and design statements of green buildings and regulation of construction and building codes.

Program length: 18 months (25 hours/week, M-F) includes 13 week internship

COURSE LIST

SApplied Mathematics for Architecture
Technical Architectural and Architectural Drawing
Design and Construction and Environmental Sustainability
History of Architecture and Sustainable Architecture
Analysis and Design Statements of Green Buildings
Architectural Drawing I
Ecological Wood Construction – Ecological Buildings
Regulation of Construction and Building Codes
Green Building Steel Masonry and Concrete Units
Architectural Drawing II
Project Development and Environmental Study Feasibility
Green Construction – Institutional Building Units
Service of Green Buildings and Energy Management Units
Analysis of Site Layout and Landscape Project
Green Building – Building Cultural
Specification, Estimation and Materials
Portfolio, Job Search and Interview Techniques
Project Management and Safety on Sites
Sustainable, Industrial and Commercial Buildings
Green Building Interiors
Built and Ecological Renovation
Professional Practice and Integration

CAREER
The Sustainable Architecture program prepares graduates for employment opportunities in architecture, engineering, property development, construction and more.

Examples of possible job titles include: Architectural Technologist, Drafting Technician, Appraiser, Assessor

Sample average starting salary range: $32,240 – $36,400

2015 employment statistic: 100% of available graduates were employed in a related field.

*Statistics based on most recent available