

## Transfer Guide for Career Planning

# Architecture

### Prerequisite Courses:

\*MTH 210 - Calculus I

PHY 145 - College Physics I

PHY 146 - College Physics II

**or**

PHY 154 General Physics I **Advised**

PHY 155 General Physics II **Sequence**

**or**

PHY 161 - University Physics I

PHY 251 - University Physics II

\*Minimum level Math. Some schools require a second Calculus course.

### Recommended Courses:

ART 104 - Drawing I

ART 204 - Drawing II

ART 150 – Two Dimensional Design

ART 215 - Three-Dimensional Design

ART 119 - Perspective of Art History II - Modern

ART 170 - Introduction to Western Architecture

ART 270 - American Art & Architecture

Computer literacy is required for writing specifications. Two and three dimensional drafting, and financial management are highly recommended. Also, a course in drafting or architectural drawing, although not required, may be worthwhile for those students not having previous technical drawing/drafting experience.

Other criteria of importance for acceptance into a School of Architecture include:

- A portfolio, or equivalent evidence of graphic design skills (i.e. drawing, painting, graphics, photography, etc.)
- Personal interview
- Past practical work experience related to the field, (i.e. construction, building, planning, etc.)

All States and the District of Columbia require individuals to be licensed (registered) before they may call themselves architects. The majority of all architectural degrees are from 5 year Bachelor of Architecture (B.Arch.) programs. Related occupations include Architectural Drafter, Civil Engineer, Commercial and Industrial Designer, Graphic Designer, Landscape Architect, and Urban Planner.

### Partial Listing of Colleges in NYS Having a Program in Architecture:

Columbia University

Cornell University

New York Institute of Technology

Pratt Institute

Rensselaer Polytechnic Institute

SUNY University at Buffalo

Syracuse University