

## ARCHITECTURAL TECHNOLOGY

### Architectural Technology Certificate

*This is a technical program leading to a certificate of completion of any of the following courses, totaling 15 credit hours, provided the combination has approval of a Student Development faculty member or the program coordinator. The curriculum emphasis is on architecture in the related areas of construction, CAD, drafting, estimating, specifications, construction management, model making, historical survey, rendering and perspective drawing.*

ATE	101	Introduction to Architectural Technology I .....	4
ATE	102	Introduction to Architectural Technology II .....	4
ATE	103	Building Materials Technology I .....	4
ATE	104	Building Materials Technology II .....	4
ATE	105	Architectural CAD I .....	3
ATE	106	Architectural CAD II .....	3
ATE	109	Chicago's Great Architectural Tradition .....	3
ATE	201	Comprehensive Building Project I .....	4
ATE	202	Comprehensive Building Project II .....	4
ATE	203	Construction Problems I .....	4
ATE	204	Construction Problems II .....	4
ATE	207	Architectural Statics .....	3
ATE	208	Architectural Strength of Materials .....	3
ATE	209	Principles of Building Construction .....	3
ATE	210	Cost Estimating .....	3
ATE	211	Solar Energy Architecture .....	3
ATE	212	Architectural Rendering .....	3
ATE	213	Construction Management Process .....	3
ATE	214	Architectural Models .....	3

## BUILDING CODES AND ENFORCEMENT

### Building Codes and Enforcement Certificate

*This 24 credit-hour certificate program is designed to meet the educational and training needs of those employed in the building code compliance field, as well as those in the building and construction industry who are interested in keeping abreast of building code changes and requirements.*

*The emphasis of this specialized program is on building codes and their interpretation and application in the field. This offers students a unique opportunity to develop and expand their knowledge and skills. The certificate may enhance students' opportunities for employment and career advancement. New employment opportunities are cyclical in nature, and students should consult the program coordinator or a Student Development faculty member before registering for this program.*

#### Required:

BCE	101	Basic Construction for Building Codes .....	3
BCE	102	Basic Code Enforcement Techniques .....	3
BCE	104	Basic Mechanical and Energy Conservation Codes or	
FIS	123 <sup>1</sup>	Advanced Fire Prevention Principles .....	3
BCE	105	Basic Plumbing Codes .....	3
BCE	106	Basic Electrical Codes .....	3
BCE	201	Basic Building Codes .....	3
ENG	103	Technical and Report Writing .....	3
SPE	101	Fundamentals of Speech Communication .....	3

<sup>1</sup> Prerequisite of FIS 122 will be waived.