

## **CAREER PROGRAMS**

### **Architectural Technology**

#### **Architectural CAD Certificate**

*This 12 credit-hour certificate program is designed for those just entering the field of architecture, as well as the practicing professional who desires to learn the necessary skills to be proficient in all manners of CAD drafting. Courses begin with introductory two dimensional drafting and proceed through advanced two dimensional drafting, three dimensional drafting and photo-realistic rendering of three dimensional computer images. Add-on rendering packages will also be explored. Students will learn, through hands-on experience using state of the art computer hardware, the CAD software packages in demand in today's workplace.*

ATE	105	Introduction to Architectural CAD I.....	3
ATE	106	Introduction to Architectural CAD II.....	3
ATE	205	Architectural Computer Applications I.....	3
ATE	206	Architectural Computer Applications II.....	3

#### **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. 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	107	Architectural Principles for the Interior Designer I.....	4
ATE	108	Architectural Principles for the Interior Designer II.....	4
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	205	Architectural Computer Applications I.....	3
ATE	206	Architectural Computer Applications II.....	3
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