



**ARCHITECTURAL TECHNOLOGY  
Degree Program**

Career Curriculum ARC 2005  
Associate in Applied Science  
Minimum Hrs. 65  
Major Code: 1.2 040901C

**FIRST YEAR – FALL SEMESTER**

Dept. No.	Hrs.	Gr.
ARC 100 Architecture Orientation	2	___
DRT 181 Technical Drafting I	4	___
DRT 185 Computer Graphics I	2	___
ENG 101 English Composition I <sup>1</sup> OR ENG 113 Professional Technical Writing <sup>1</sup>	3	___
MAT 113 Introduction to Contemporary Mathematics OR MAT 106 Technical Mathematics OR MAT 107 Technical Math with Applications OR MAT 120 Elementary Statistics	<u>3-4</u> 15	___

**FIRST YEAR – SPRING SEMESTER**

Dept. No.	Hrs.	Gr.
ARC 140 Architecture Practice and Standards	2	___
ARC 184 Architecture Documents I	4	___
ARC 187 Architectural Design	3	___
CIS 207 Computer Applications for Business	3	___
DRT 190 Computer Graphics II	2	___
PHY 121 Technical Physics	<u>3</u> 17	___

**SECOND YEAR – FALL SEMESTER**

Dept. No.	Hrs.	Gr.
ARC 183 Site and Building Assessment	2	___
ARC 201 Strength of Materials	3	___
ARC 281 Architecture Applications 3D	3	___
ARC 294 Architecture Documents II	4	___
PSC 131 American Government OR HIS 201 United States History I OR HIS 202 United States History II	3	___
PSY 132 General Psychology	<u>3</u> 18	___

**SECOND YEAR – SPRING SEMESTER**

Dept. No.	Hrs.	Gr.
ARC 202 Presentation Drawings	3	___
ARC 286 Architecture Project	4	___
CMG 105 Estimating Techniques	3	___
CMG 209 Environmental Systems	3	___
SPE 115 Speech	<u>3</u> 16	___

**OPTIONAL**

Dept. No.	Hrs.	Gr.
ATI 200 Applied Technologies Internship	1-3	___

<sup>1</sup>Requires a grade of "C" or higher.

The minimum general education component for the Associate in Applied Science degree requires satisfactory completion of at least 15 semester credits of coursework distributed over the disciplines of Communications, Mathematics, Arts and Humanities, Physical and Life Sciences, and Social and Behavioral Sciences. The curriculum guide for each Associate in Applied Science degree program will spell out the course requirements or options available for satisfying the general education component. With appropriate justification and in consultation with your academic advisor, a request to substitute a course for one recommended in this guide may be granted with the appropriate approvals from the Department Chair, Dean for Instruction and Vice-President for Instruction. However, no substitutions are allowed in Groups I-III (General Education Component; GECC) of the curriculum guide (see the Associate in Applied Science general degree requirements worksheet in the John A. Logan College Catalog).

Students planning to transfer and pursue a baccalaureate degree should, when given a choice, enroll in the general education course that is IAI GECC approved and articulated with participating Illinois institutions.

*John A. Logan College reserves the right to modify this curriculum guide as needed.  
Please verify with your academic advisor the accuracy and time lines of this document.*

**Effective Date: Fall 2008**

**Career Opportunities:** This curriculum is designed to prepare students for positions in the field of architectural drafting. Emphasis is placed on the use of computer-aided drafting (CAD) to accomplish these goals. All practical work experience in layout and detailing is in accordance with standard practices recommended by the U. S. Department of Defense, American Society of Automotive Engineers, and other recognized standardized agencies.