



2007-2008 Career Planning Guide

ARCHITECTURAL TECHNOLOGY

Spokane Community College

Spokane Community College
1810 North Greene Street
Spokane, Washington 99217-5399
www.scc.spokane.edu

Completion Award: A.A.S. Degree

Start: Fall

Tuition and Fees: <http://www.ccs.spokane.edu/fees.html>

Approximate Quarterly Cost: (subject to change without notice)

Books (estimate, six quarters)	\$	350
Supplies and Equipment (estimate, six quarters)	\$	450

PROGRAM WEBSITE: <http://www.scc.spokane.edu/?archengat>

Program Description

The first year consists of line construction, lettering, architectural symbols, orthographic projections, freehand sketching, isometric pictorial drawing, light construction principles and use of drafting expressions. Additional emphasis is placed on architectural detailing which consists of drawing wall sections, window and door schedules, fireplace design and details, stair design and details, footings and foundations, floor plans, and framing plans. Utilization of the above is finalized in the development of residential working drawings of varying degrees of complexity.

The second year consists of architectural working drawings for commercial applications developed from a preliminary design; drafting techniques, standards and practices of the profession, including office procedure knowledge and use of building materials; structural framing systems as used in the building industry; and related engineering technical courses.

PROGRAM GOALS--Students who successfully complete this program will be able to:

1. Be proficient in the development and organization of a set of architectural working drawings for both residential and commercial structures.
2. Have a basic understanding of different types of structural framing systems and the use and installation of building materials.
3. Have basic understanding of building codes and their applications.
4. Have drafting methods and techniques of a quality acceptable to the architectural profession and other related fields.
5. Be acquainted with the drafting room procedures and practices of an architectural office.
6. Be proficient in the use and application of reference material normally used in drafting rooms.
7. Become proficient with CAD (computer aided drafting) and have experience on the computer using Auto-CAD and architectural software applications.

Career Opportunities

The entire program is designed to prepare students for employment in fields where their technical drawing and problem solving abilities are needed to assist the engineer, architect or related fields in the construction industry.

Employment opportunities for drafts persons are expected to be favorable through the 2000s. Prospects will be best for those having post-high school manual drafting and CAD training. Employment of drafts persons is expected to rise rapidly as a result of the increasing complex design problems of modern products and processes and the growth of engineering and scientific occupation.

POTENTIAL POSITIONS INCLUDE: architectural drafter, drafting equipment salesperson, estimator, engineering drafter, manufacturer's representative, shop drawings for fabrications drafter and computer aided drafter.

Suggested Course of Study 2007-2008

Consult Adviser/Counselor for Program
Planning and Selection of Electives

ARCHITECTURAL TECHNOLOGY A.A.S. Degree: SCC

A.A.S. Degree	A.A.S. Degree (continued)																																																																																																
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	<p>109 credits are required for an A.A.S. degree.</p> <p>¹ This related education requirement may be met by any combination of courses approved by the instructional dean.</p> <p>² ARCHT 266 and ARCHT 267 or ARCHT 288 (no seminar) may be substituted for one or more of these courses with permission of the instructor.</p> <p><i>Disclaimer: The college cannot guarantee courses will be offered in the quarters indicated. During the period this guide is in circulation, there may be curriculum revisions and program changes. Students are responsible for consulting the appropriate academic unit or adviser for more current and specific information. The information in this guide is subject to change and does not constitute an agreement between the college and the student.</i></p>																																																																																																