How to Enroll

- Apply and be accepted to the College of Southern Idaho.
- Take the COMPASS exam — your scores determine your current academic record.
- Take CSI Placement Exam scores to the program adviser for interpretation, personal interview, and acceptance to the program.
- Pay first semester’s tuition and fees to secure a slot.
- Must have completed INFT 101.

Median Annual Wages

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<th>State</th>
<th>Nation</th>
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<td>$44,803.00</td>
<td>$45,500.00</td>
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The College of Southern Idaho’s Technical faculty has developed strong partnerships with regional businesses, designing the most contemporary education. We also help students who have completed their technical program find that first, most important, professional job.

U.S. Dept. of Labor, Bureau of Labor Statistics

The CSI Drafting Program offers unique career opportunities and it helps you develop skills few individuals ever acquire!

- You can receive a Technical Certificate in one year, an Associate of Applied Science (A.A.S.) Degree in two years.
- This is a limited enrollment program.
- You will work in a wide range of industrial and commercial settings.
- Graduates rate this program A+.
Program Description

The College of Southern Idaho Drafting Technology program is designed to provide incoming students with the training necessary to secure employment in the drafting field as a whole, without specializing in a certain discipline or area of drafting. Graduates are thus “more employable” over a large spectrum of related fields, from screw thread specifications to subdivision layout.

Disciplines addressed in the program are: machine (mechanical), structural, civil, and architectural drafting. All are addressed in the context of both manual and computer-assisted (CAD) techniques, although there is a definite emphasis on CAD.

Equally important to the entry level drafter are communications, mathematics, leadership, management, computer applications, and job-seeking skills. These are all addressed during the program that results in the Associate of Applied Science Degree.

It is important to remember that drafting has become an extremely technical occupation. The College of Southern Idaho Drafting Technology Program is academically rigorous and demanding, as well it should be to properly prepare a potential drafter for their chosen occupation. Keep in mind that you may well require preparatory work prior to entry into the program. This preparatory work could lengthen the program to longer than 5 semesters. Be prepared for this contingency.

CSI was the first public post-secondary school in Idaho to offer every student in the program their “own” CAD workstation and the first AutoCAD training facility in the world. CSI continues to be concerned with staying on the leading edge of drafting technology. The facilities are among the best in the country. An advisory committee of respected industry representatives keep the program current to industry needs and standards.

Typical Associate Coursework

Year One (Fall & Spring):
- Drat 101 Elements of Drafting Tech. I 1 Credit
- DRAT 105 Trigonometry for the Trades 1 Credit
- INFT 101 Computer Literacy Skill Development 3 Credits
- MATH 123 Math in Modern Society 3 Credits
- COMM 101 Fundamentals of Speech 3 Credits
- ENGL 101 English Composition I 3 Credits
- PSYS 100 Survey of Physics 4 Credits or
- PSYC 101 General Psychology 3 Credits

Year Two (Fall):
- ENGI 241 Engineering Measurements 4 Credits
- DRAT 131 Introduction to Board Drafting 3 Credits
- DRAT 132 Introduction to Computer-Aided Drafting 3 Credits
- DRAT 133 General Drafting Theory I (Orthographic Projection) 4 Credits
- DRAT 134 Dimensioning Standards 3 Credits
- DRAT 135 Dimensioning in AutoCAD 2 Credits
- DRAT 107 Applied Leadership 1 Credit

Year Two (Spring):
- DRAT 146 Job Seeking Skills 1 Credit
- DRAT 148 General Drafting Theory II 3 Credits
- DRAT 149 Solid Modeling 2 Credits
- DRAT 152 Civil Drafting 6 Credits
- DRAT 156 Architectural Drafting 6 Credits

Year Two (Summer):
- DRAT 150 Machine Drafting 4 Credits
- DRAT 153 Customizing AutoCAD 2 Credits
- DRAT 158 Structural Drafting 2 Credits

CAD Training In:
- AutoCAD
- ARCHICAD
- LDD
- ADT
- SOLIDWORKS
- INVENTOR
- FORESIGHT

Aptitudes and Personal Requirements

- High Mathematics interest and skill.
- Eye for detail, visual perception.
- Creativity, free thinking.
- Extremely motivated and ambitious.
- Verbal and written communications fluency.
- Meticulous, precise, “finicky” pride in work.