

# DRAFTING TECHNOLOGY - ADVANCED TECHNICAL CERTIFICATE (ATC)

Explore More About This Program: <https://cwi.edu/program/drafting-technology>

## Certificate Quick Facts

- **Instructional School:** Industry, Engineering, and Trades
- **Department:** Manufacturing and Welding
- **Program Code:** DRFT.ATC
- **Program Type:** Career and Technical Education
- **Available Fully Online:** No
- **Eligible for Federal Financial Aid:** Yes

NOTE: Courses required for this program *may* have an additional fee; more information can be found on the [Special Course Fees](#) web page.

## Certificate Requirements

Course	Course Title	Min Credits
<b>General Education Requirements</b>		
Select one of the following (GEM 3):		3-5
MATH 123	Math in Modern Society	
MATH 143 or MATH 143P	Precalculus I: Algebra	
MATH 147	Precalculus	
MATH 153	Statistical Methods	
MATH 160	Survey of Calculus	
MATH 170	Calculus I	
PSYC 140	Human Relations for Career and Personal Success (GEM 6)	3
<b>Major Requirements</b>		
DRFT 100	Construction Materials and Processes	3
DRFT 114	Drafting Basics	3
DRFT 118	Introduction to Revit	3
DRFT 119	Introduction to AutoCAD	4
DRFT 120	Residential Architecture	4
DRFT 123	Introduction to Solidworks	3
DRFT 139	Applied Problem Solving for Drafting	3
DRFT 190	Job Skills for Drafting	1
DRFT 211	Civil Drafting and Math	4
DRFT 212	Structural and HVAC System Drafting	5
DRFT 213	Machine Drafting and Design	4
DRFT 217	Commercial Architecture	4
DRFT 218	Electrical and Plumbing Systems Drafting	4
DRFT 239	Advanced Revit Techniques	3
DRFT 290	Drafting Technology Capstone	1
<b>Minimum Credit Hours Required</b>		<b>55</b>