

# DRAFTING TECHNOLOGY - ADVANCED TECHNICAL CERTIFICATE (ATC)

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

## Certificate Plan: Fall Start

The course sequence listed below is strongly recommended in order to complete your program requirements. Many Career and Technical Education (CTE) courses have prerequisites and/or corequisites that have been accounted for within this course sequence plan. Please register for your major requirements each semester as shown below using the Student Planning tool in myCWI. Consult your advisor for any questions regarding this plan.

NOTE: The required general education courses may be completed during any semester the student prefers, including summer semesters.

### First Year

Fall		Credit Hours
DRFT 100	Construction Materials and Processes	3
DRFT 114	Drafting Basics	3
DRFT 118	Introduction to Revit	3
DRFT 119	Introduction to AutoCAD	4
Select one of the following (GEM 3):		3-5
MATH 123	Math in Modern Society	
MATH 143 or MATH 143P	Precalculus I: Algebra or Precalculus I: Algebra	
MATH 147	Precalculus	
MATH 153	Statistical Reasoning	
MATH 160	Survey of Calculus	
MATH 170	Calculus I	
<b>Total Semester Credit Hours</b>		<b>16</b>

### Spring

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
PSYC 140	Human Relations for Career and Personal Success (GEM 6)	3
<b>Total Semester Credit Hours</b>		<b>14</b>

### Second Year

Fall		Credit Hours
DRFT 211	Civil Drafting and Math	4
DRFT 212	Structural and HVAC System Drafting	5
DRFT 213	Machine Drafting and Design	4
<b>Total Semester Credit Hours</b>		<b>13</b>
Spring		Credit Hours
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>Total Semester Credit Hours</b>		<b>12</b>
<b>Minimum Credit Hours Required</b>		<b>55</b>