## **Computer Aided Design Technology**

Area of Concentration within the A.A.S in STEM Technology Frederick Community College Pathway



**Guided Pathway to Success** (GPS) Suggested schedules map your path to degree completion.

**Full-time student:** Follow the green semester blocks in order.

**Part-time student:** Follow the blue course sequence at your own pace.

Students should meet with an advisor each semester to carefully select and sequence courses based on their specific academic goals and interests. Visit Jefferson Hall or call 301.846.2471 (301.846.2625 TDD) for advising.

Students who take fewer than
15 credits each semester or who
require developmental English or
Math coursework will need additional
semesters to complete their degrees.
Summer and January term classes may
help students to make faster progress.

General Education CORE courses can often be taken in any semester. One course must be designated as a Cultural Competence course. A minimum of nine credits must be taken at the 200 level. Refer to the college catalog for course details and the list of General Education and Cultural Competence classes. http://www.frederick.edu/class-schedules.aspx#catalog

Students are strongly recommended to consult an FCC advisor to select elective courses. Students planning to transfer may also reference ARTSYS, the Maryland Articulation System, www.artsys.usmd.edu.



Take this course within the first 24 credits.



Milestone course – take within recommend credit range to stay on track for completion.



This course is offered in the fall semester only.



This course is offered in the spring semester only.

1 Recommended First Semester				
1	Gen Ed CORE	EN 101 English Composition	(\)	3 credits
2	Gen Ed CORE	Mathematics Gen Ed (MA 130 or MA 111 recommended)	(\)	3 credits
3	Concentration	CAD 101 Introduction to AutoCAD I		3 credits
4	Gen Ed CORE	Social & Behavioral Sciences (HS 102 Human Relations recommended; satisfies cultural competency requirement)		3 credits
5	Concentration	Elective – Any CAD, CIS, CON, or EG Course		3 credits
2	Recommend	ed Second Semester		
6	Concentration	CAD 102 Introduction to AutoCAD II		3 credits
7	Gen Ed CORE	Biological & Physical Sciences (PY 101 or PC 103 or PC 109 recommended)		3 credits
8	Concentration	CAD 130 Revit		3 credits
9	Concentration	CAD 200 Architectural Drawing and Design		3 credits
10	Gen ED CORE	Communications (CMSP 107 recommended)		3 credits
3	Recommend	ed Third Semester		
11	Gen Ed CORE	Humanities Gen Ed (PH 208 recommended)		3 credits
12	Concentration	CAD 201 Residential Architecture I		4 credits
13	Concentration	CAD 205 Civil Drafting I with CAD		3 credits
14	Concentration	Elective – Any CAD, CIS, CON, or EG Course		6 credits
4	Recommend	ed Fourth Semester		
15	PE/Health	PE/Health Requirement		1 credit
16	Gen ED CORE	Arts Gen Ed		3 credits
17	Concentration	Elective – Any CAD, CIS, CON, or EG Course or Internship		10 credits