Computer Aided Design Technology

A.A.S Degree in STEM Technology

Frederick Community College Pathway

Catalog Year 2019-2020

Frederick Community College

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 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. Refer to the college catalog for course details and the list of General Education and Cultural Competence classes. http://www.frederick.edu/classschedules.aspx#catalog



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	Recommend	ed First Semester (1-15 credits)		
1	Gen Ed CORE	ENGL 101 English Composition	3 credits	
2	Gen Ed CORE	Mathematics Gen Ed (Gen Ed Course List) or (recommended MATH145 or MATH165)	3 credits	
3	Concentration	CADT 101 Introduction to AutoCAD I	3 credits	
4	Concentration	CADT 102 Introduction to Auto CADII	3 credits	
5	Electives	Any BLDT, CADT, CMIS, CMTE, MATH, GISA, SPAN or ENGR Course	3 credits	
2	2 Recommended Second Semester (16-31 credits)			
6	Gen Ed CORE	Social & Behavioral Sciences (recommended HUMS102 Human Relations; satisfies cultural competency requirement)	3 credits	
7	Gen ED CORE	Communications (Gen Ed Course List) or (COMM107 recommended)	3 credits	
8	Concentration	CADT 130 Introduction to Revit	3 credits	
9	Concentration	CADT 150 Introduction to Architectural Drawing and Design	3 credits	
10 NU	, ,	Physical Education, Health, or Nutrition Requirement	1 credit	
3 Recommended Third Semester (32-46 credits)				
11	Gen Ed CORE	Biological & Physical Sciences (Gen Ed Course List) or (recommended PHSC101 or PHYS101 or PHSC121)	3 credits	
12	Concentration	CADT 210 Residential Architecture I	4 credits	
13	Concentration	CADT 245 Civil Drafting with CAD	3 credits	
14	Electives	Any BLDT, CADT, CMIS, CMTE, MATH, GISA, SPAN or ENGR Course	6 credits	
Recommended Fourth Semester (46-60 credits)				
15	Gen Ed CORE	Humanities: (Gen Ed Course List) or (PHIL208 recommended)	3 credits	
16	Gen ED CORE	ARTS (Gen Ed Course List)	3 credits	
17	Electives	Any BLDT, CADT, CMIS, CMTE, MATH, GISA, SPAN or ENGR Course or Internship	10 credits	