Computer Aided Design Technology

A.A.S Degree in STEM Technology



Frederick Community College Pathway

Catalog Year 2020-2021

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/class-

http://www.frederick.edu/class schedules.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.

	Recommend	led 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	Recommend	led 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 NUT	PHED/ HLTH/ FR	Physical Education, Health, or Nutrition Requirement	1 credit
3	Recommend	led 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
4	Recommend	led 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 credit