

## 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-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.

## 1 Recommended First Semester

1	Gen Ed CORE	ENGL 101 English Composition	3 credits
2	Gen Ed CORE	MATH 165 Precalculus	4 credits
3	Concentration	CADT 101 AutoCAD I (1 <sup>st</sup> 7 1/2-week)	3 credits
4	Concentration	CADT 102 AutoCAD II (2 <sup>nd</sup> 7 1/2-week)	3 credits
5	Concentration	CMIS 105 Introduction to Programming	2 credits
6	Concentration	CMTE 100 Occupational Safety & Health	2 credits

## 2 Recommended Second Semester

7	Gen Ed CORE	Social & Behavioral Sciences Elective (GenEd course list) (HUMS 102 recommended)	3 credits
8	Gen Ed CORE	Biological & Physical Sciences Elective (GenEd course list) or (PHYS 101, PHSC 101, or PHSC 121 recommended)	3/4 credits
9	Concentration	CADT 110 Introduction to SolidWorks (7 1/2-week)	3 credits
10	Concentration	ENGR 100 Introduction to Engineering Design (Prerequisite: MATH 165)	3 credits
11	Elective	Any BLDT, CADT, CMIS, CMTE, ENGR, GISA, MATH, or SPAN course	3 credits

## 3 Recommended Third Semester

12	Gen Ed CORE	Communications Elective (GenEd course list) (COMM 107 recommended)	3 credits
13	Concentration	CADT 250 Statics and Strength of Materials (15-week) (Prerequisite: ENGR 100)	4 credits
14	PHED/ HLTH/ NUTR	Physical Education, Health, or Nutrition Requirement	1/3 credits
15	Elective	Any BLDT, CADT, CMIS, CMTE, ENGR, GISA, MATH, or SPAN course	3 credits

## 4 Recommended Fourth Semester

16	Gen Ed CORE	Humanities Elective (GenEd course list) (PHIL 208 recommended)	3 credits
17	Gen Ed CORE	Arts Elective (GenEd course list)	3 credits
18	Concentration	CADT 255 Dynamics (15-week) (Prerequisite: CADT 250)	4 credits
19	Electives	Any BLDT, CADT, CMIS, CMTE, ENGR, GISA, MATH, or SPAN courses or INTR 103	7 credits