

**Two-year Plan for Engineering Students from College of Southern Maryland to University of Maryland through the Southern Maryland Partnership Agreement**  
**Mechanical Engineering**

First Semester		Second Semester		Third Semester		Fourth Semester	
Intro. To Engineering	3	Statics	3	Mechanics of Materials	3	Dynamics	3
Calculus I	4	Calculus 2	4	Calculus 3	4	Differential Equations	4
ENG 1010	3	PHY 1	4	PHY 2	4	PHY 3	4
Gen. Ed.	3	PHY 1 Lab		PHY 2 Lab		PHY 3 Lab	
Chemistry for Engineers	3	Gen. Ed.	3	Intro to Matlab for Egr.	3	Thermodynamics	3
				Gen. Ed.	3		
	16		14		17		14

61 credits (3 Gen. Ed. credits need to be taken at a 4-year institution. The use of the Maryland Transfer Advantage Program (**MTAP**) is strongly recommended).

The University of Maryland, Clark School of Engineering has the following minimum **transfer requirements** (these are the same for UMCP students transferring into the engineering school):

1. Students must have at least a cumulative **3.0 GPA** in all college-level work (at all colleges attended). 2.999 is NOT acceptable.
2. Students must have taken the following gateway courses:
  - a. ENG-1010 or equivalent, **with a minimum grade of C**
  - b. A general education humanities or social sciences course, **with a minimum grade of C**
  - c. CHE-1350 (Chemistry for Engineers) or CHE-1210/1210L (Chemistry II), **with a minimum grade of C**
  - d. MTH-1210 (Calculus II), **with a minimum grade of B**
  - e. PHY-1210 (Physics I), **with a minimum grade of B**
3. **Grade and Retake Policy: Only one “gateway” may be repeated to earn the required grade and that course may only be repeated once.** Taking the course to achieve the minimum grade of that class after one of the following attempts is considered a retake. Audit; withdrawal; grade of F, FX, or D.