



Columbus State Community College – Associate of Science (AS)
Systems Engineering Bachelor's Degree Transfer Major to
Otterbein University – Bachelor of Science (BS)



		[MATH 1800]	5
ENGR 1181 Fundamentals of Engineering I** [ENGR 1000 & ENGR 1001]	3	ENGR 1182 Fundamentals of Engineering II** [ENGR 1010 & ENGR 1011]	3
PHYS 1250 Calculus-Based Physics I** [PHYS 1500, DS]	5	PHYS 1251 Calculus-Based Physics II** [PHYS 1600, DS]	5
COLS 1100 First Year Experience Seminar	1	ASC 1190 Critical Thinking in Arts & Sciences	1
Total Hours	17	Total Hours	17

Sophomore Year (CSCC)

Autumn Semester		Spring Semester	
GEOG 2400 Economic and Social Geography [INST 2000]*	3	MATH 2174 Linear Algebra Differential Equations for Engineering** [MATH 2500]	5
ENGR 2040 Statics & Intro to Mechanics of Materials** [ENGR 2000]	4	ENGR 2030 Dynamics** [ENGR 2100]	4
HUM 1160 Music & Art Since 1945 [INST 2600]	3	Social & Behavioral Sciences*	3
MATH 2173 Engineering Mathematics B** [MATH 2700]	5	Historical Study*[INST 2800]	3
Total Hours	15	Total Hours	15

*List of courses that meet this requirement can be found after notes **Courses must be completed with a grade of C or higher to transfer to the Engineering major at Otterbein.

Courses number in [brackets] is the Otterbein equivalent course. WI=Writing Intensive; three are required for an Otterbein degree DS=Disciplinary Skills- 8-9 hours required for an Otterbein degree.

Junior Year (Otterbein)

Autumn Semester		Spring Semester	
FYS First Year Seminar <u>or</u> TYS Transfer Year Seminar	2-3		

