

Engineering					
Associate in Science in Engineering					
to					
Bachelor of Science in Mechanical Engineering					
Delaware County Community College			Widener University		
First Semester			First Semester		
ENG 100	English Composition I	3	ENGL 101	Reading, Thinking, & Writing	3
MAT 160	Calculus I	4	MATH 141	Calculus I	4
CHE 110	General Chemistry I	4	CHEM 145/147	General Chemistry I & General Chem	4
EGR 150	Engineering Topics	1	ENGR 111	Engineering Techniques	2
CS 101	Intro to Computer Science	3	CSCI 131 or 151	Introduction to Programming or Introduction to Computer Science	3
		15			16
Second Semester			Second Semester		
ENG 112	English Comp II: Writing About Literature	3	ENGL 102	Literature & Critical Writing	3
MAT 161	Calculus II	4	MATH 142	Calculus II	4
CHE 111	General Chemistry II	4	CHEM 146/148	General Chemistry II & General Chemistry Lab II	4
PHY 131	University Physics I	4	PHYS 161/163	Physics I & Physics I Lab	4
		15			15
Third Semester			Third Semester		
MAT 260	Calculus III	4	MATH 241	Multivariable Calculus	4
PHY 132	University Physics II	4	PHYS 162/164	Physics II & Physics II Lab	4
EGR 200	Engineering Curriculum Elective: Recommended Engineering Statics ¹	3	ENGR 213	Statics	3
	Any transferable Diversity & Social Justice designated Social Science course ²	3	SSCI	Social Science elective	3
	Any transferable Global Understanding designated Social Science course ²	3	SSCI	Social Science elective	3
		17-19			14
Fourth Semester			Fourth Semester		
MAT 261	Differential Equations	3	MATH 242	Elementary Differential Equations	3
COMM 100 or COMM 111	Interpersonal Communication or Public Speaking	3	COMS 290 or COMS 180	Social Science elective or Social Science elective	3
EGR 201	Engineering Curriculum Electives: Recommended Engineering Dynamics	3	ENGR 214	Dynamics	3
EGR 210	Engineering Curriculum Electives: Recommended Engineering Circuits	3			
	Humanities Elective ⁴	3	HUM	Humanities elective	3
		15-18			15
	Total Credits:	62-67		Total Credits:	
Notes:					
1	Students must take a minimum of one of the following engineering courses as part of the Engineering Curriculum Electives: EGR200, 201, 210, or 220. Widener University is recommending EGR 200 Engineering Statics.				
2	Students are advised to NOT take a HIS course to fulfill this requirement as HIS courses are considered Humanities courses at Widener University.				
3	Widener University is requiring EGR 100. If not completed at DCCC, it will need to be taken at Widener U. (Uma...will you allow this as a course substitution since it is not included in the list of EGR Electives?)				
4	Students should NOT take the COMM courses, as COMM courses are Social Science electives at Widener University and NOT Humanities courses.				