



**Seattle Central Community College: A.S in Engineering (90 quarter credits)  
Drexel University: B.S in Architectural Engineering (193 quarter credits)**

Seattle Central Community College		SCCC Credits	Drexel Courses		Drexel Credits
ENGL 101	English Composition I	5	ENGL 101	Expository Reading and Writing	3.0
ENGL 102	Composition II	5	ENGL 102	Persuasive Reading and Writing	3.0
			ENGL 103	Analytical Reading and Writing	3.0
MATH 151	Calculus I	5	MATH 121	Calculus I	4.0
MATH 152	Calculus II	5	MATH 122	Calculus II	4.0
MATH 153	Calculus III <b>OR</b>	5	MATH 200	Multivariable Calculus	4.0
MATH 109	Elementary Statistics (5 Credits)		TGFE 099	Free Elective	4.0
CHEM 161	General Chem w/ Lab I	6	CHEM 101	General Chemistry I	3.5
<b>CHOOSE ONE GROUP OF THREE</b>					
PHYS 121	General Physics I	5		no credit- not calculus based	
PHYS 122	General Physics II	5		no credit- not calculus based	
PHYS 123	General Physics III	5		no credit- not calculus based	
<b>OR</b>					
PHYS 221	Engineering Physics I (5 Credits)		PHYS 101	Fund of Physics I	4.0
PHYS 222	Engineering Physics II (5 Credits)		PHYS 102	Fund of Physics II	4.0
PHYS 223	Engineering Physics III (5 Credits)		PHYS 201	Fund of Physics III	4.0
ENGR 111	Engineering Graphics I	4	ENGR 100	Beginning CAD	1.0
ENGR 140	Engineering Problems	5	ENGR 101	Engineering Design Lab I	2.0
ENGR 142	Computer Programming for Engineers	5	ECE 203	Programming for Engineers*	3.0
ENGR 214	Statics	5	MEM 202	Statics**	3.0
ENGR 215	Dynamics	5	MEM 238	Dynamics***	4.0
ENGR 224	Thermodynamics	5	ENGR 210	Thermodynamics****	3.0
ENGR 225	Mechanics of Materials	5	MEM 230	Mechanics of Materials**	4.0
ENGR 271	Fundamentals of Digital Logic Design	6	ECE 200	Digital Logic*	3.0
	Computer Science Programming Elective	5		Free Elective	5.0
	Visual, Literacy and Performing Arts Elective	5		General Education Elective	5.0
	Individuals, Culture and Society	5		General Education Elective	5.0
	Visual, Literacy and Performing Arts Elective or Individuals, Culture and Society Elective	5		General Education Elective	5.0
<b>TOTAL QUARTER CREDITS</b>		<b>106</b>	<b>TOTAL QUARTER CREDITS</b>		<b>83.5</b>

\*only required of Computer and Electrical Engineering majors; \*\* only required of Arch, Civil and Mech. Engineering majors; \*\*\* only required of Mechanical Engineering majors; \*\*\*\*only required of Arch, Civil, EnvE, Materials and Mech. Engineering majors

*To receive transfer credit, the courses must be substantially equivalent to courses offered in the desired curriculum at Drexel and you must have completed the courses with a grade of C (C=2.0) or better. The transfer courses listed should be used as a general guide and might not be acceptable for every major at the University. We make every effort to keep this guide current but cannot guarantee that every course will be acceptable for transfer. The number of credits you can transfer will be determined by the academic department once you've been accepted.*