



**CCP: A.S in Engineering Science (71 semester credits)**  
**Drexel University: B.S in Chemical Engineering (192.5 quarter credits)**

CCP Courses		CCP Courses	Drexel Courses		Drexel Credits
ENGL 101	English Composition I	3	ENGL 101	Composition and Rhetoric I	3
ENGL 102	English Composition II	3	ENGL 102	Composition and Rhetoric II	3
			ENGL 103	Composition and Rhetoric III	3
MATH 171	Calculus I	4	MATH 121	Calculus I	4
MATH 172	Calculus II	4	MATH 122	Calculus II	4
			MATH 123	Calculus III	4
MATH 271	Calculus III	4	MATH 200	Multivariable Calculus	4
MATH 270	Linear Algebra	4	ENGR 231	Linear Engineering Systems	3
MATH 272	Differential Equations	4	ENGR 232	Dynamic Engineering Systems	3
CIS 103	PC Applications	3	TGFE 099	Free Elective	4.5
CHEM 121	College Chemistry I	4	CHEM 101	General Chemistry I	3.5
CHEM 122	College Chemistry II	4	CHEM 102	General Chemistry II	4.5
			CHEM 103	General Chemistry III*	5
PHYS 140	Mechanics, Heat and Sound	5	PHYS 101	Fundamentals of Physics I	4
PHYS 241	Electricity, Magnetism and Light	5	PHYS 102	Fundamentals of Physics II	4
			PHYS 201	Fundamentals of Physics III	4
ENGR 102	Engineering Design & Laboratory I	4	ENGR 100	Beginning CAD	1
			ENGR 101	Design I	2
ENGR 202	Engineering Design & Laboratory II	4	ENGR 102	Design II	2
			ENGR 103	Design III	2
ENGR 221	Statics	3	MEM 202	Engineering Mechanics - Statics	3
ENGR 222	Dynamics	3	MEM 238	Dynamics**	4
CSCI 111	Programming and Algorithm Development I	4	CS 171	Programming I***	3
	<b>OR</b>			<b>OR</b>	
ENGR 205	Materials Engineering*	4	ENGR 220	Fundamentals of Materials*	4
	Humanities Elective	3		See Below	4.5
	Social Science Elective	3		See Below	4.5
	<b>TOTAL SEMESTER CREDITS</b>	<b>71</b>		<b>TOTAL QUARTER CREDITS</b>	<b>86.5-87.5</b>

Recommended Humanities Elective - any course from CCP Humanities list; Recommended Social Science Elective - any course from CCP Social Science List; \* ENGR 205 is recommended for Architectural 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.*

\* only transfers for EE majors as a sophomore engineering elective

\*\* only required for MECH majors

\*\*\* only required for EE and CE majors