

COOPERATIVE ENGINEERING PROGRAM WITH DREXEL CHECK SHEET

	Date Taken	Grade Rec'd
FRESHMAN YEAR		
<i>Natural Science (8 cr)</i>		
PHYS 131 Physics I – Calculus (3)	_____	_____
PHYS 132 Physics II – Calculus (3)	_____	_____
PHYS 141 Physics I Calc Lab (1)	_____	_____
PHYS 142 Physics II Calc Lab (1)	_____	_____
<i>Other Science Requirements (8 cr)</i>		
CHEM 111 General Chemistry I (4)	_____	_____
CHEM 112 General Chemistry II (4)	_____	_____
<i>Health & Wellness (3 cr)</i>		
HPED 143 Health & Wellness	_____	_____
<i>Math Requirements (12 cr)</i>		
MATH 125 Calculus I – Physics (3)	_____	_____
MATH 126 Calculus II – Physics (3)	_____	_____
MATH 241 Diff Equations (3)	_____	_____
MATH 171 Intro to Linear Alg (3)	_____	_____
<i>Learning Skills (7 cr)</i>		
ENGL 101 College Writing (4)	_____	_____
ENGL 202 Research Writing (3)	_____	_____
<i>Other Requirements (9 cr)</i>		
ECON 121 Macroeconomics (3)	_____	_____
ECON 122 Microeconomics (3)	_____	_____
PHYS 342 Thermal & Stat Physics (3)	_____	_____

	Date Taken	Grade Rec'd
SOPHOMORE YEAR		
<i>Controlled Electives: As required per engineering program</i>		
<u>Chemical Engineering (15 cr)</u>		
PHYS 231 Electronics (4)	_____	_____
CHEM 231 Organic Chemistry I (4)	_____	_____
CHEM 232 Organic Chemistry II (4)	_____	_____
COSC 110 Structured Prog (3)	_____	_____
<u>Civil Engineering (14 cr)</u>		
PHYS 231 Electronics (4)	_____	_____
PHYS 331 Modern Physics (3)	_____	_____
COSC 110 Structured Prog (3)	_____	_____
MATH 342 Adv. Math for App (4) or	_____	_____
GEOS 201 Found. Of Geology (4)	_____	_____
<u>Materials Engineering (15-16 cr)</u>		
PHYS 231 Electronics (4)	_____	_____
CHEM 231 Organic Chemistry I (4)	_____	_____
CHEM 232 Organic Chemistry II (4)	_____	_____
COSC 110 Structured Prog (3) or	_____	_____
MATH 342 Adv Math for App (4)	_____	_____
<u>Mechanical Engineering & Mechanics (13 cr)</u>		
PHYS 331 Modern Physics (3)	_____	_____
COSC 110 Structured Prog (3)	_____	_____
MATH 342 Adv Math for App (4)	_____	_____
Humanities Elective (3)	_____	_____

Students wishing to be part of the Drexel pre-engineering program will attend IUP for 2 years and then transfer (as long as all requirements are met) to Drexel. Students will be required to attend summer classes at Drexel in the summer previous to starting their junior year.

All transferrable courses must have a minimum grade of “C” and a minimum cumulative GPA of **2.50** must be maintained. Further information will be provided by the academic advisor.