



Curriculum Advising Sheet
Associate Degree of Pre-Engineering Transfer Degree

CIP code: 13.1013

Student Name: _____ Student ID Number: _____

First Semester

Course #	Course Title	Credit	Gen ED	Course Taken <input type="checkbox"/>
ENG 111	College Composition I	3	x	
HIS 101 or HIS 121	History of Western Civilization I or United States History I ¹	3	x	
MTH 161 or Math 263	Pre-calculus I or Calculus I ²	3	x	
CHM 111	College Chemistry I	4	x	
EGR 120	Introduction to Engineering ³	2		
SDV 100	College Success Skills	1		
	Semester Total	16		

Second Semester

Course #	Course Title	Credit	Gen ED	Course Taken <input type="checkbox"/>
ENG 112	College Composition II	3	x	
EGR 140	Engineering Mechanics-Statics ³	3	x	
MTH 162 or Math 264	Pre-calculus II or Calculus II ²	4	x	
CHM 112	College Chemistry II	4	x	
ART 101	History & Appreciation of Art I ⁴	3	x	
	Semester Total	17		

Milestone: General Education Certificate (Total Minimum 33 credits)

Third Semester

Course #	Course Title	Credit	Gen ED	Course Taken <input type="checkbox"/>
ENG 241 or 251	American Literature I or World Literature I ⁵	3	x	
PHY 201 or PHY 241	General College Physics I or University Physics ⁶	4		
ECO 201	Principles of Macroeconomics ⁷	3	x	
MTH 263 or MTH 265	Calculus I or Calculus III ²	4		
	Semester Total	14		

Fourth Semester

Course #	Course Title	Credit	Gen ED	Course Taken <input type="checkbox"/>
MTH 264 or MTH 291	Calculus II or Differential Equations ²	4		
PSY 200	Principles of Psychology ⁷	3		
PHY 202 or PHY 242	General College Physics II or University Physics ⁶	4		
PHI 220	Ethics ³	3		
HLT/PED	Approved Transfer Elective ⁸	1		
	Semester Total	15		

Total Minimum Credits: 62

¹May replace with HIS transfer elective. See approved transfer elective list.

²Students not taking the upper-level math will have to take additional math courses to transfer into an Engineering program. This would need to be done in addition to the curriculum or at the 4-year institution. Taking upper-level math may require a student to take 2 credits beyond the 62 credits.

³This is a recommended transfer elective. Students should consult with their academic advisor to select a course that is consistent with the transfer institution and transfer program.

⁴May replace with HUM, MUS, ART, PHI, REL, or ENG (Lit) transfer elective.

⁵May replace with 200-level ENG (lit) or 210 transfer elective.

⁶PHY 241 and PHY 242 is required by Engineering programs.

⁷May replace with ECO, GEO, HIS, PLS, PSY, SOC transfer electives.

⁸May replace with HLT/PED approved transfer elective.