



Name: _____
Planned Major: Mechanical Engineering

Stud ID: _____
School: NIU (last updated 3/2017)



AES General Education Requirements

Class	COMPLETED	TRANSFERRED	CURRENT	NEED	NOTE
COMMUNICATIONS: (9 Credits)					
ENG 101				3	
ENG 103				3	
SPH 131				3	
HUMANITIES/ FINE ARTS/ SOCIAL AND BEHAVIORAL SCIENCES: (9 Credits)					
HST 193 or 183 # (recommended)				3	# Must include a Non-Western Course
ECO 110 (recommended)				3	
ECO 111 (recommended)				3	
MATHEMATICS: (13 CREDITS)					
MTH 135*				5	*Prereqs: MTH 120 & 125, or MTH 132
MTH 235				4	
MTH 236				4	
PHYSICAL SCIENCES: (4 Credits)					
CHM 120*				4	*Prereq: MTH 120 & CHM 099 or high school Chemistry
AES MAJOR COURSES: (19 Credits)					
EGR 101				2	
PHY 215** (prereq MTH 135; coreq or previous credit in MTH 235)				5	**Recommended Prereq: PHY 201 or high school Physics
PHY 225 (prereq PHY 215, MTH 235; coreq or previous credit MTH 236)				5	
MTH 240 (prereq or coreq MTH 236)				3	
CIS 276*** (do NOT take MTH 164 for NIU)				4	***Prereq: CIS 102 OR contact Academic Advising to petition for a waiver
AES REQUIRED ELECTIVE: (1 Credit)					
STU 100				1	
AES ENGINEERING ELECTIVES: (minimum 13 Credits)					
EGR 135				4	
EGR 206 (prereq MTH 235, coreq PHY 215)				3	
EGR 207 (prereq EGR 206 & PHY 215)				3	
EGR 221 (prereq EGR 206)				3	
EGR 231 (prereq MTH 235, PHY 215; coreqs or previous credit MTH 236, PHY 225)				4	
Students are encouraged to take an extra IAI general ed class, such as ART 131 or MUS 102, to meet NIU's requirements.					Total GPA:
Some courses may have specific prerequisites there are not shown and may require additional credit hours.					
					TOTAL Credits:
TOTAL					