

Application for Admission to the Senior Design Sequence

Date of Application: _____

Student Name (Print): _____ ISU ID#: _____

Student Signature: _____

Major: _____ Expected Graduation Date: _____

Every student eligible for the Senior Design sequence must submit an application. You are eligible for the sequence if you are in your final two or three semesters prior to graduation. Note that the Senior Design sequence is offered only once per academic year, commencing with the fall semester. Thus, students expecting to graduate in December **must** begin the Senior Design sequence in the fall semester 15 months prior to graduation. Those expecting to graduate in the spring **must** begin the sequence in the fall semester 9 months prior to graduation. Failure to meet these guidelines **will** result in delay of your graduation.

You will need to submit the following items to the Engineering main office by the end of April in order to be considered for admission to the Senior Design sequence. **Please staple the documents.**

- The application for admission to project design (this form).
- The final two or three semesters (whichever is appropriate at the time you apply) should be outlined in detail on the included **Plan for Degree Completion** form (see next page).
- An updated graduation checklist showing that you will have fulfilled all of your degree requirements by your expected graduation date. The checklist must include the semesters in which you took or will be taking your classes and the grades received in the courses you have taken. See your advisor, if you are not sure which checklist to use.
- A copy of your current DegreeWorks.

A Review Committee will examine and evaluate your application. When the committee has completed its review of your application, you will be notified of their decision.

Review:

Approved

Denied

CE/ME Faculty Representative: _____ Date: _____

Comments:

Mechanical Engineering Graduation Checklist

(effective Fall 2017, Revised 8-14-17)

Student Name: _____

Bengal ID#: _____

General Education Requirements				
Course	Cr	Sem	Gr	Remarks
Obj 1: English				
ENGL 1101	3			
ENGL 1102	3			
Obj 2: Speech				
COMM 1101	3			
Obj 3: Mathematics				
MATH 1170	4			
Obj 4: Humanities - Min 2 courses from two different categories				
	3			
	3			
Obj 5: Nat'l Sciences - Min 2 courses & 1 lab - 2 diff. prefixes				
CHEM 1111/1111L	5			
PHYS 2211	4			
Obj 6: Behavioral & Social Sciences - Min 2 courses				
	3			
	3			
Obj 7: Critical Thinking or Obj 8: Info. Lit. - Min 1 course				
	3			
Obj 9: Cultural Diversity - Min 1 course				
	3			
Subtotal	40	(36 min)		
Additional Mathematics				
PHYS 2212	4			
MATH 1175	4			
MATH 2240	3			
MATH 2275	4			
MATH 3360	3			
Subtotal	18			

Mechanical Engineering Program Requirements				
Course	Cr	Sem	Gr	Remarks
CE 2210	3			F,S
EE 2240	3			F
CE/ME 3350	3			F,S
CE 3360	2			S,D
ME 1105	2			F,S
ME 1165	2			F,S
ME 2220	3			F,S
ME 2266	1			S
ME 3307	3			F,S
ME 3320	3			F
ME 3322	3			F,S
ME 3323	3			F
ME 3325	3			S
ME 3341	3			F
ME 4473	3			S
ME 4406	1			S
ME 4440	3			F
ME 4443	1			F
ME 4463	3			S
ME 4465	3			F
ME 4476	3			S
ME 4496A	3			F
ME 4496B	3			S
ME Elective	3			
ME Elective	3			
Subtotal	66			

For students interested in focusing their ME degree in one of the following focus areas, suggested electives are:

Bio-Medical	Systems	Mechanics	Thermal/Fluids	Energy
BIOL 3301/3301L	ME 3355	ME 3325	ME 4416	MATH 4421
BIOL 3302/3302L	ME 4415	ME 4425	ME 4451	NE 4402
	ME 4425	ME 3353	CE 4435	NE 4419
	MATH 4421	CE 4431		NE 4444
				NE 4445

Credit Hour Summary	Minimum	Earned
General Education Requirements	40	
Additional Science and Math Courses	18	
ME Program Course Requirements	66	
Minimum Credits for Graduation	124	