NDSU | MECHANICAL ENGINEERING

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Professional Program Engineering GPA Calculation Worksheet

The upper division courses are restricted to students who have been admitted to the Mechanical Engineering Professional Program. Admission to the Professional Program is primarily based on the departmental Engineering GPA, which is calculated using the courses outlined below. Additional criteria can be found in the gray box on the right.

Course Number	Course Title	Cr.	Grade	Honor Points	Semester Planned
MATH 165	Calculus I	4			
MATH 166	Calculus II	4			
MATH 129	Basic Linear Algebra	2			
MATH 259	Multivariate Calculus	3			
MATH 266	Differential Equations	3			
ENGL 120	College Composition II	3			
CHEM 121	General Chemistry I	3			
CHEM 122	General Chemistry II	3			
PHYS 252	University Physics II	4			
PHYS 252L	University Physics II Lab	1			
IME 330	Manufacturing Processes	3			
ME 212	Fund. Visual Communications	3			
ME 213	Modeling of Engineering Systems	3			
ME 221	Engineering Mechanics I	3			
ME 222	Engineering Mechanics II	3			
ME 223	Mechanics of Materials	3			
ME 351	Thermodynamics I	3			
	TOTAL				

To calculate your grade point average (A = 4, B = 3, C = 2, D = 1, F = 0)
Honor Points = Credit Hours x Grade GPA = Total Honor Points/Total Credits

Engineering GPA (above) =

MUST BE 2.8 or HIGHER

NOTES:

Professional Program Eligibility Requirements

Your plan designation must be listed as BSMCE-Mechanical Engineering in order to take professional level classes.

The eligibility requirements for the professional program are as follows:
1) A minimum Engineering GPA of 2.80 and a minimum Cumulative GPA of 2.50.
2) Currently enrolled in or have completed all fundamental Basic Program courses.
3) No grade less than "C" in any fundamental Basic Program course – must be currently retaking.

Mechanical Engineering students having no more than 7 credits remaining in the Basic Program are considered for Professional Program eligibility; however, these courses must be a priority over professional classes. All fundamental basic courses need to be completed before the second semester of professional classes.

Mechanical Engineering students are conditionally admitted into the Professional Program to register for their first semester of professional classes. If you do not meet the eligibility criteria at the end of the semester once grades have posted, you will be administratively dropped from all professional level courses and reverted back to Basic Program status.

Other Notes:
Mechanical Engineering students have an advising hold on their registration every semester. You must meet with your advisor during advising week.

Prerequisites are strictly enforced. You are responsible for knowing and meeting all prereqs and coreqs for all courses for which you register. You will be dropped if you do not meet the requirements.

FAILURE TO REGISTER AT YOUR DESIGNATED TIME MAY RESULT IN DELAYED GRADUATION.

Approved March 12, 2014