

IDN: \_\_\_\_\_ Printed Name: \_\_\_\_\_

**AS-Engineering-Mechanical Engineering Concentration-Major Code: 3020**  
**Concentration Code: C050**

This degree is not available in a guaranteed 8-semester plan for qualified freshmen. **See your advisor to declare your major and sign an official degree plan.**  
*The prerequisites and corequisites of the degree requirements are subject to change.*

MATH/ENGL prerequisite/co-requisite courses if student does not meet placement requirements:

**Prerequisites:** MATH 0304 \_\_\_\_\_ **Corequisites:** ENGL 0201 \_\_\_\_\_ ENGL 0202 \_\_\_\_\_ MATH 0301 \_\_\_\_\_ MATH 0201 \_\_\_\_\_

**FRESHMAN YEAR- FALL SEMESTER: 14 hours**

**Courses**

CHEM 1403 College Chemistry I	3 Hours	Note 2	Grade _____
ENGN 1111 Introduction to Engineering I	1 Hour	Note 2	Grade _____
MATH 2804 Calculus I	4 Hours		Grade _____
English composition requirement	3 Hours	Note 1	Grade _____
History/Government requirement	3 Hours	Note 1	Grade _____

**FRESHMAN YEAR- SPRING SEMESTER: 15 hours**

**Courses**

ENGN 1121 Introduction to Engineering II	1 Hour	Note 2	Grade _____
MATH 2854 Calculus II	4 Hours	Note 2	Grade _____
PHYS 2903/2911 University Physics I/Lab	4 Hours		Grade _____
English composition requirement	3 Hours	Note 1	Grade _____
Fine Arts/Humanities	3 Hours	Note 1	Grade _____

**SOPHOMORE YEAR- FALL SEMESTER: 18 hours**

**Courses**

MEEG 2001 CAD for Engineering	1 Hours	Note 2	Grade _____
ENGN 2753 Engineering Statics	3 Hours	Note 2	Grade _____
MATH 2904 Calculus III	4 Hours	Note 2	Grade _____
MEEG 2303 Introduction to Materials	3 Hours	Note 2	Grade _____
PHYS 2923/2931 University Physics II/Lab	4 Hours		Grade _____
MEEG 2703 Numerical Methods I	3 Hours	Note 2	Grade _____

**SOPHOMORE YEAR- SPRING SEMESTER: 19 hours**

**Courses**

ENGN 2763 Dynamics	3 Hours	Note 2	Grade _____
ENGN 2803 Thermodynamics	3 Hours	Note 2	Grade _____
MEEG 2103 Introduction to Machine Analysis	3 Hours	Note 2	Grade _____
SPCH 1203 Introduction to Speech Communication	3 Hours		Grade _____
Fine Arts/Humanities	3 Hours	Note 1	Grade _____
MATH 2914 Differential Equations	4 Hours	Note 2	Grade _____

**Total Hours: 66**

**NOTES**

1. General Education Core Requirements, see Graduation Requirements section of this catalog.
2. These courses are used to determine major courses in residency, see Graduation Requirements section of this catalog.

**Prior to graduation students must demonstrate competency in financial literacy by satisfactory completion of FIN 1521 Personal Finance Applications (or an approved substitution) with a grade of C or better, or by a score of 70% or more on a challenge exam for FIN 1521.**

**Transfer Course Information**

The Arkansas Course Transfer System (ACTS) contains information about the transferability of courses within Arkansas public colleges and universities. Students are guaranteed the transfer of applicable credits and the equitable treatment of the application of credits for the admissions and degree requirements. Courses transferability is not guaranteed for courses listed in ACTS as "No Comparable Courses." ACTS-Arkansas Course Transfer System <http://acts.adhe.edu> -select Course Transfer. See Acceptance of Transfer Credits section of the current academic catalog for a complete list of transfer provisions.

**Student Degree Program Requirements**

A student's degree program requirements are those specified in the catalog in effect at the time of declaration of program major. Students must meet the above program requirements and the graduation requirements as indicated by institutional and college policy. The program can be changed only with the approval of the official advisor. If original courses are eliminated, students may be required to meet new curriculum requirements in the degree program. If students are not enrolled for two or more consecutive terms (excluding summer terms), they must re-enter under the program requirements of the current catalog. Students are responsible for understanding program requirements and changes. This document is not official until signed and dated by both the student and an authorized university representative.

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Advisor Signature \_\_\_\_\_ Date \_\_\_\_\_