

# AS-Electrical Engineering Concentration

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

**Major Code: 3020      Concentration Code: C049**

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.*

FRESHMAN YEAR- FALL SEMESTER: 15 hours				FRESHMAN YEAR- SPRING SEMESTER: 15 hours			
Hrs	Courses	Notes	Grade	Hrs	Courses	Notes	Grade
4	CHEM 1403/1401 College Chemistry I/Lab			1	ENGN 1121 Introduction to Engineering II	2	
1	ENGN 1111 Introduction to Engineering I	2		4	MATH 2854 Calculus II	2	
4	MATH 2804 Calculus I			4	PHYS 2903/2911 University Physics I/Lab		
3	English Composition req	1		3	English Composition req	1	
3	History/Government req	1		3	Fine Arts/Humanities/Social Sciences req	1	
SUMMER I TERM – 4 hours				SUMMER II TERM – 3 hours			
Hrs	Courses	Notes	Grade	Hrs	Courses	Notes	Grade
4	MATH 2904 Calculus III	2		3	SPCH 1203 Introduction to Speech Comm		
SOPHOMORE YEAR – FALL SEMESTER: 15 hours				SOPHOMORE YEAR – SPRING SEMESTER: 16 hours			
4	ELEG 2103/2101 Electric Circuits I/Lab	2		3	ECON 2803 Principles of Macroeconomics		
3	ELEG 2903 Digital Systems I	2		4	ELEG 2113/2111 Electric Circuits II/Lab	2	
4	ITC 1374 Programming for Engineers	2		3	ELEG 2913 Digital Systems II	2	
4	PHYS 2923/2931 University Physics II/Lab			3	Fine Arts/Humanities/Social Sciences req	1	
				3	Fine Arts/Humanities/Social Sciences req	1	

**Total Hours: 68**

**NOTES**

1: General education requirements, see graduation requirements section of the catalog. Follow requirement with the following stipulations: social sciences-ECON 2803 is required and select one courses from the list.

2: These courses are used to determine major courses in residency.

**Note: many universities require MATH 3214 Differential Equations for junior standing.**

**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 \_\_\_\_\_