

NAME: \_\_\_\_\_ T#: \_\_\_\_\_



### Associate of Science in Nuclear Technology

This map is a term-by-term sample course schedule. The milestones listed to the right of each term are designed to keep you on course to graduate in two years. The Sample Schedule serves as a general guideline to help you build a full schedule each term. See course descriptions and prerequisites at <http://www.atu.edu/academics/catalog/>.

#### Employment Information: Nuclear Monitoring Technician, Nuclear Power Reactor Operator, Health Physics Technician, Well Logging Technician - Oil and Gas Industry

#Remedial Courses (if applicable): ENGL 0303 \_\_\_\_\_ ENGL 0404 \_\_\_\_\_ READ 0103 \_\_\_\_\_ MATH 0903 \_\_\_\_\_

Semester 1 Course Information	Hrs.	Grade	Notes	Semester 3 Course Information	Hrs.	Grade	Notes
ENGL 1013 - Composition I (ACTS = ENGL 1013)	3	#		Social Sciences/Fine Arts/Humanities/Speech	3		
Social Sciences	3			Fine Arts & Humanities	3		
MATH 2914 - Calculus I (ACTS = MATH 2405)	4	#	Milestone	U.S. History/Government	3		
CHEM 2124/2120 - General Chemistry I (ACTS = CHEM 1414)	4		Milestone	MCEG 2013 - Statics	3		Milestone
MCEG/ELEG 1012 - Intro to Engineering	2			MCEG 3503- Basic Nuclear Engineering	3		
<b>Total hours</b>	<b>16</b>	<b>GPA</b>		<b>Total hours</b>	<b>15</b>	<b>GPA</b>	

Semester 2 Course Information	Hrs.	Grade	Notes	Semester 4 Course Information	Hrs.	Grade	Notes
ENGL 1023 - Composition II (ACTS = ENGL 1023)	3	#		Social Sciences	3		<b>Graduation Requirements:</b> Students must complete 60 hours and achieve a 2.0 GPA or higher. No more than 4 hours can be in PE.
PHYS 2114/2000 - General Physics I (ACTS = PHYS 2034)	4		Milestone	Fine Arts & Humanities	3		
MATH 2924 - Calculus II (ACTS = MATH 2505)	4		Milestone	MCEG 3313- Thermodynamics I	3		
MCEG 2023 - Engineering Materials	3			MCEG 3512- Radiation Detection Lab	2		
				MCEG 3523- Radiation Health Physics	3		
				General Elective*	1		
<b>Total hours</b>	<b>14</b>	<b>GPA</b>	<b>APPLY FOR GRADUATION</b>	<b>Total hours</b>	<b>15</b>	<b>GPA</b>	

# indicates a "C" or better is required

General Electives: 1 hour (1000-4000)

Shaded classes will directly apply toward Bachelor of Science in Mechanical Engineering

**\*Should be 3000-4000 level MCEG or ELEG if considering going on for bachelor's degree in Engineering**

The Arkansas Course Transfer System (ACTS) is designed to assist in planning the academic progress of students. This system contains information about the transferability of courses within Arkansas public colleges and universities. The Arkansas Course Transfer System can be accessed at <http://acts.adhe.edu/>

Fine Arts and Humanities	U.S. History & Government	Social Sciences
ART 2123 - Experiencing Art (ACTS = ARTA 1003)	HIST 1903 - Survey of American History	HIST 1503 - World History to 1500 (ACTS = HIST 1113)
MUS 2003 - Introduction to Music (ACTS = MUSC 1003)	HIST 2003 - U.S. History to 1877 (ACTS = HIST 2113)	HIST 1513 - World History since 1500 (ACTS = HIST 1123)
TH 2273 - Introduction to Theatre (ACTS = DRAM 1003)	HIST 2043 - Honors U.S. History to 1877	HIST 1543 - Honors History Civilization to 1500
ENGL 2173 - Introduction to Film	HIST 2013 - U.S. History II (ACTS = HIST 2123)	HIST 2003 - U.S. History to 1877 (ACTS = HIST 2113)
JOUR 2173 - Introduction to Film	POLS 2003 - American Government (ACTS = PLSC 2003)	HIST 2013 - U.S. History since 1877 (ACTS = HIST 2123)
ENGL 2003 - Intro to World Literature (ACTS = ENGL 2113)	<b>Science with Lab</b>	HIST 2043 - Honors U.S. History to 1877
ENGL 2013 - Intro to American Literature (ACTS = ENGL 2653)	BIOL 1014 - Intro to Biological Science (ACTS = BIOL 1004)	HIST 1903 - Survey of American History
ENGL 2023 - Honors World Literature	BIOL/PHSC 1004 - Principles of Environmental Science	POLS 2003 - American Government (ACTS = PLSC 2003)
PHIL 2003 - Introduction to Philosophy (ACTS = PHIL 1103)	GEOL 1014 - Physical Geology (ACTS = GEOL 1114)	ECON 2003 - Princ of Economics I (ACTS = ECON 2103)
PHIL 2043 - Honors Introduction to Philosophy	PHSC 1013/1021 - Physical Sci/Lab (ACTS = PHSC 1004)	ECON 2103 - Honors Principles of Economics I
		ECON 2013 - Princ of Economics II (ACTS = ECON 2203)
		SOC 1003 - Introductory Sociology (ACTS = SOCI 1013)
		PSY 2003 - General Psychology (ACTS = PSYC 1103)
		ANTH 1213 - Intro to Anthropology (ACTS = ANTH 1013)
		ANTH 2003 - Cultural Anthropology (ACTS = ANTH 2013)
		GEOG 2013 - Regional Geography (ACTS = GEOG 2103)
		AMST 2003 - American Studies
		<b>Speech Courses</b>
		SPH 1003 - Intro to Speech Com (ACTS = SPCH 1003)
		SPH 2003 - Public Speaking
		SPH 2173 - Business and Professional Speaking

