ARKANSAS TECH UNIVERSITY

NAME:_____ T#:_____ DATE:_____

Rev. 2/25/2021

2021-2022 Degree Map- Associate of Science in Manufacturing

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/catalog/

Possible Careers Include: Maintencance Supervisor, Facilities Manager, Supply Chain Manager, Manufactoring Technician

#Prerequisite Courses: ENGL 0303_____ MATH 0803_____ MATH 1003_____ MATH 0903_____ MATH 1113_____MATH 1110_____ MATH 1203_____ MATH 1914_____

Sample Schedule — **Milestones/Notes**

Semester 1	Hrs.	Grade	Semester 1
ENGL 1013-Comp I (ACTS=ENGL 1013)	3	#	
Social Sciences	3		
MATH 2914- Calculus I (ACTS= MATH 2405)	4	#	Milestone
CHEM 2124/2120- General Chemistry I (ACTS= CHEM 1414)	4		Milestone
MCEG 1011 or ELEG 1011- Introduction to Engineering	1		
TECH 1001: Orientation to the University	1		
Total hours	16	GPA	

Semester 2	Hrs.		Semester 2
ENGL 1023- Comp II (ACTS= ENGL 1023)	3	#	
PHYS 2114/2000- Calculus-Based Physics I (ACTS= PHYS 2034)	4		Milestone
MATH 2924- Calculus II (ACTS= MATH 2505)	4		#C or > required for MATH 2934 Milestone
MCEG 1002- Engineering Graphics	2		
MCEG 2023- Engineering Materials	3		
Total hours	16	GPA	**APPLY FOR GRADUATION**

Shaded classes will directly apply toward Bachelor of Science in Mechanical 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 https://www.adhe.edu/students-parents/colleges-universites/transfer-info.-for-students/

Sample Schedule — **Milestones/Notes**

Semester 3	Hrs.		Semester 3
MCEG 2013- Statics	3		Milestone
STAT 3153- Applied Statistics	3		
Social Sciences, Fine Arts & Humanities, **OR** Communication	3		Only Fine Arts/Hum will apply to MCEG
Social Sciences	3		
U.S. History/Government	3		
Total hours	15	GPA	

Semester 4	Hrs.	Grade	Semester 4
Social Sciences	3		
Fine Arts & Humanities	3		
MCEG 3013- Mechanics of Materials	3		
MCEG 3023- Manufacturing Processes	3		**Graduation Requirements:**
MCEG 3612- Manufacturing Lab	2		Min. hours required- 60
STAT 3183- Statistical Process Control	3		No more than 4 PE activity hours
Total hours	17	GPA	2.00+ GPA

# indicates a "C" or higher is required

Fine Arts and Humanities
ART 2123 Experiencing Art (ACTS=ARTA1003)
MUS 2003 Introduction to Music (ACTS=MUSC1003)
TH 2273 Introduction to Theatre (ACTS=DRAM 1003)
ENGL 2173 Introduction to Film
JOUR 2173 Introduction to Film
ENGL 2183 Honors Introduction to Film
ENGL 2003 Introduction to World Literature (ACTS=ENGL2113)
ENGL 2013 Intro. to American Literature (ACTS=ENGL2653)
ENGL 2023 Honors World Literature
PHIL 2003 Introduction to Philosophy (ACTS=PHIL1103)
PHIL 2043 Honors Introduction to Philosophy
PHIL 2053 Introduction to Critical Thinking (ACTS=PHIL 1003)

U.S. History & Government
HIST 1903 Survey of American History
HIST 2003 United States History to 1877 (ACTS=HIST2113)
HIST 2043 Honors United States History to 1877
HIST 2013 United States History from 1877 (ACTS=HIST2123)
POLS 2003 American Government (ACTS=PLSC2003)

Social Sciences
HIST 1503 World History to 1500 (ACTS=HIST1113)
HIST 1513 World History since 1500 (ACTS=HIST1123)
HIST 1543 Honors World History to 1500
HIST 2003 U.S. History to 1877 (ACTS=HIST2113)
HIST 2013 U.S. History since 1877 (ACTS=HIST2123)
HIST 2043 Honors U.S. History to 1877
HIST 1903 Survey of American History
POLS 2003 American Government (ACTS=PLSC2003)
ECON 2003 Principles of Economics I (ACTS=ECON2103)
ECON 2103 Honors Principles of Economics I
ECON 2103 Honors Principles of Economics I
ECON 2013 Principles of Economics II (ACTS=ECON 2203)
SOC 1003 Intro 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 Rgnl Geog of the World (ACTS=GEOG 2103)
AMST 2003 American Studies