

MECHANICAL ENGINEERING

ASSOCIATE OF SCIENCE IN NUCLEAR TECHNOLOGY

It is highly recommended that all freshmen engineering students starting fall 2017 purchase laptop computers. Laptop computer specifications are at: <https://www.atu.edu/engineering/specifications.php>.

Mechanical Engineering also offers a two-year program leading to the Associate of Science in Nuclear Technology (ASNT) degree. This degree is designed to allow students to obtain the knowledge base and training necessary to work in one of the many areas in the nuclear field. While many technology degrees, especially at the associate's level, are seen as less rigorous paths, the ASNT program at Arkansas Tech University includes most of the same courses as the first two years of the engineering programs.

Graduates of the program leading to the Associate of Science Degree in Nuclear Technology may find employment in many areas of the nuclear industry. Many past ASNT graduates have continued their studies to obtain bachelor's degrees in engineering or the physical sciences either at Arkansas Tech University or at other institutions.

For a detailed policy regarding transfer credit for the Mechanical Engineering programs, please see the [Department of Mechanical Engineering](#) page.

Curriculum

The matrix below is a sample plan for all coursework required for this program.

Freshman

Fall	Credits
ENGL 1013 ¹	3
SS 1XXX ¹	3
MATH 2914 ¹	4
CHEM 2124 and CHEM 2120	4
MCEG 1011 or ELEG 1011	1
TECH 1001	1
Total Hours	16

Spring	Credits
ENGL 1023 ¹	3
PHYS 2114 and PHYS 2000	4
MATH 2924	4
MCEG 2023	3
Total Hours	14

Sophomore

Fall	Credits
SFHS 1XXX ¹	3

Fall	Credits
FAH 1XXX ¹	3
USHG 1XXX ¹	3
MCEG 2013	3
MCEG 3503	3
Total Hours	15

Spring	Credits
SS 1XXX ¹	3
FAH 1XXX ¹	3
MCEG 3313	3
MCEG 3512	2
MCEG 3523	3
Elective	1
Total Hours	15

¹See appropriate alternatives or substitutions in "General Education Requirements".