

DEPARTMENT OF ENGINEERING TECHNOLOGY

<https://www.una.edu/engineeringtechnology/>

The Engineering Technology degree provides a fundamental background in general science as well as a comprehensive background in traditional industrial technologies, evolving technologies, and a focused study in electrical and mechanical engineering technology or chemical engineering technology. The program is designed to prepare graduates for positions in emerging technologies, industrial operations, and general management that require a strong knowledge in engineering principles as they relate to fabrication. Emerging technologies include green energy, robotics, and other programming driven electro-mechanical devices. Graduates benefit from the combination of an engineering based theoretical and practical application education with an appropriately supplemented background for later advancement into management positions. Typical entry-level positions include, Process Engineer, Design Engineer, Project Engineer, Production Scheduler, Maintenance Engineer, and Applications Engineer. Students in the program develop knowledge and competencies in the focus area of Engineering Technology consisting of the studies including electrical and mechanical power systems, material and manufacturing methods, management of the industrial and chemical processes and organizations, effective oral and written communication, and the application of physical science and mathematics principles necessary to understand and solve global technological and economic challenges.

Majors

- BS in Engineering Technology (<https://catalog.una.edu/undergraduate/colleges-programs/arts-sciences/engineering-technology/engineering-technology-bs>)