DEPARTMENT OF ENGINEERING AND 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, chemical engineering technology, and bio-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. Emerging technologies include green energy, CAD-based fabrication, robotics and other programming-driven, electro-mechanical devices, and numerous life science-based evolutions. 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 or further graduate education. Typical industrial entry-level positions include Process Engineer, Design Engineer, Development Engineer, Research Engineer, Project Engineer, Production Scheduler, Maintenance Engineer, and Applications Engineer. The bio-engineering option is an appropriate foundation for healthcare professional school. Students in the program develop knowledge and competencies in the focus areas of Engineering Technology consisting of the studies including electrical and mechanical power systems, material and manufacturing methods, management of the industrial, chemical and life science-based processes and organizations, application of life science principles to advance healthcare, effective oral and written communication, and the application of physical sciences 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)