Are you a high school student anxious to enter the workforce, an adult trying to retool for a changing economy, or a skilled tradesperson looking to enhance your skills? A Lawrence Technological University associate degree may be just what you need to begin – or advance – a successful career in an engineering technology-related field. In fact, most employers in the industry prefer to hire workers with at least a two-year degree, according to the U.S. Bureau of Labor Statistics. And in an increasingly competitive and global marketplace, staying abreast of the latest technologies is crucial.

As one of the nation’s premier technological universities, Lawrence Tech offers rigorous, well-rounded associate programs anchored in science, mathematics, and technology. The University’s “theory and practice” approach to learning means exceptional exposure in the classroom combined with practical, hands-on experiences. You’ll have access to state-of-the-art labs, equipment, and industry-standard software. And with Lawrence Tech’s small class sizes, you’ll benefit from one-on-one mentoring from faculty with real-world knowledge.

**Communications Engineering Technology**

From electronics to entertainment, a degree in communications engineering technology can provide a strong foundation for a wide variety of careers. Focused on topics such as electrical control systems, electronics, circuits, microprocessors, networking, and computer diagnostics, Lawrence Tech’s Associate of Science in Communications Engineering Technology is designed to prepare you for entry-level positions such as electrical and electronic engineering technician, technical consultant, telecommunications network technician, or sales/services representative. Other opportunities exist in research and development, product evaluation...

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**CURRICULUM**

*Visit ltu.edu/engineering/technology for the required courses in your program of choice.*

<table>
<thead>
<tr>
<th>Component</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Core Courses</td>
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<tr>
<td>Arts and Sciences</td>
<td>32</td>
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<tr>
<td><strong>Total Credit Hours</strong></td>
<td><strong>65</strong></td>
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</tbody>
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and testing, or in broadcasting, especially industrial television. In addition, credits from the AS in Communications Engineering Technology may be applied to the Bachelor of Science in Engineering Technology or the Bachelor of Science in Audio Engineering.

Construction Engineering Technology
The Associate of Science in Construction Engineering Technology can lead to a myriad of rewarding career paths. Construction firms, supply manufacturers, departments of transportation – even the oil industry needs qualified professionals to assist with the design, development, and management of construction processes.

A cross-disciplinary program, the AS in Construction Engineering Technology provides a strong technical foundation combined with business management skills. You will study topics such as construction practices, planning, estimating, surveying, computer applications, and project management. The AS in Construction Engineering Technology can prepare you for a variety of positions, including contractor, estimator, supervisor, project manager, or sales representative. If you wish to further your education, credits from the program transfer to the Bachelor of Science in Engineering Technology.

Manufacturing Engineering Technology
Designed to prepare you for technician-level positions in the manufacturing industry, the Associate of Science in Manufacturing Engineering Technology focuses on various manufacturing processes, the use and testing of materials, production methods, quality control, and the fundamentals of project management. As a graduate, you may find employment in production, design, research and development, project management, quality control, or technical sales. If you choose to continue your studies, credits from the AS in Manufacturing Engineering Technology can be applied toward the Bachelor of Science in Engineering Technology.

Mechanical Engineering Technology
Mechanical engineering technicians play a crucial role in business and industry by assisting engineers with a wide variety of tasks. Technicians may be involved in the design, development, testing, or manufacturing of products, equipment, or machinery. Some perform experiments, collect and analyze data, or work with engineers to troubleshoot production problems. Others may branch into technical sales. The Associate of Science in Mechanical Engineering Technology was designed to provide you with an understanding of advanced technologies relating to mechanical engineering, including thermal and fluid mechanics, statics, dynamics, and computer graphics. Not only can the program lead to a rewarding career path, but the credits can also be applied to the Bachelor of Science in Engineering Technology.

Getting Started
For more information, contact Lawrence Tech’s Office of Admissions at 800.CALL.LTU or admissions@ltu.edu. For specific questions about any of these associate degree programs, visit ltu.edu/engineering/technology or call 248.204.2060 or 248.204.2508.

Lawrence Technological University produces leaders with an entrepreneurial spirit and a global view. That’s why most Lawrence Tech students are employed within a month of graduating. Your benefits:

• Intensive leadership-driven programs that embrace theory and practice
• 13:1 student-faculty ratio
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• Fully loaded high-powered laptop or tablet computer provided
• Most classes offered during the evening
• High-tech, wireless 102-acre campus that’s commuter friendly, with recreation, housing, and meal service options
• Financial-aid, co-op, and internship opportunities
• Proactive career placement services

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