Construction managers play a crucial role in the overall building process. Whether they work for companies or as independent consultants, construction managers plan, direct, and coordinate a wide variety of projects, including the building of all types of residential, commercial, and industrial structures, roads, bridges, wastewater treatment plants, schools, and hospitals. They are responsible for overseeing the entire project, which includes scheduling and coordinating all design and construction processes, as well as the selection, hiring, and supervision of specialty trade contractors.

Construction jobs today are more complex than ever, and it takes solid professional management to bring even a relatively modest job to successful completion. Construction managers are involved with all stages of the planning, design, and construction in order to control the time and cost it takes to complete the project, while maintaining the quality of the construction.

Advanced positions in construction management involve such activities as defining the responsibilities and structure of the project management team, organizing and leading by implementing project controls, defining roles and responsibilities and developing communication protocols, and identifying the elements of project design and construction likely to give rise to disputes and claims.

Employment of construction managers is projected to increase faster than the average for all occupations over the next decade. More construction managers will be needed as the level of construction activity continues to evolve due to population and business growth. The increasing complexity of construction projects will also boost demand for specialized management-level personnel within the construction industry. Sophisticated technology and the proliferation of laws setting standards for buildings and construction materials, worker safety, energy efficiency, environmental protection, and the potential for adverse litigation have further complicated work.

“As a student in the construction management program at Lawrence Tech, I have gained a superior educational background. This background, coupled with six years of construction experience, enabled me to put theory into practice and has given me exceptional insight into the construction industry.”

David Yostos, senior
Graduates with a degree in Construction Management have many career options:
- Architectural, engineering, and related service firms
- Building code compliance
- Construction estimating
- Construction project management
- Construction safety
- Government
- Specialty trade contractors (electrical, heating and air-conditioning, general building, plumbing)

the construction process. Advances in building materials and construction methods, the need to replace portions of the nation’s infrastructure, and the growing number of multipurpose buildings and energy-efficient structures will further add to the demand for more construction managers.

**Why Construction Management at Lawrence Tech?**

Although on-the-job experience is important, construction managers must also have the ability to communicate with architects, engineers, technicians, and construction employees. A strong technical background, combined with excellent management skills, is required to estimate jobs, manage a job site, solve problems, and take on overall project management.

Designed for working professionals with experience in the construction industry and those interested in entering the field, the Bachelor of Science in Construction Management program at Lawrence Technological University was developed with input from the Associated General Contractors, Greater Detroit Chapter. This practical program is set up for full- and part-time students and consists of a well-rounded core of management classes along with a strong concentration in construction science and construction engineering. The program exceeds the requirements set by the American Council for Construction Education. Small class sizes and the ability to choose from a collection of focused electives make this program highly responsive to your individual needs.

Personal attention and a commitment to preparing you for leadership in your chosen field are important priorities at Lawrence Tech. The University’s signature theory and practice approach combines in-depth academic study with a wealth of practical experience that can help you sharpen your problem-solving capabilities and develop your ability to articulate and implement innovative management strategies.

**Getting Started**

For more information, visit ltu.edu/engineering/technology/engineering_technology__bach_dgr_bscm.asp or contact Lawrence Tech’s Office of Admissions at 800.CALL.LTU or admissions@ltu.edu.