The construction industry is vitally important to strengthening the nation’s economy. According to the U.S. Bureau of Labor Statistics (2019), there are over 475,000 jobs nationally.

DEGREES/MINOR

BACHELOR OF SCIENCE (B.S.)
Applied Engineering & Technology Management (AETM)

The Construction Management concentration helps students develop the theoretical knowledge and leadership skills to pursue career opportunities in construction management such as project manager, scheduler, superintendent, cost estimator or safety coordinator. Courses included in this option provide an overview of architectural design, building information modeling (BIM), construction contracts and methods, construction planning and scheduling, cost estimating and takeoffs, and green buildings.

ASSOCIATE OF TECHNOLOGY (A.T.)
Applied Engineering & Technology (AET)

The Construction Technology concentration within this program provides students with both the theoretical knowledge and practical skills that are essential for careers in construction technology. Courses included in this option provide experiences in computer-aided drafting and design (CADD), architectural design, materials and processes, and construction methods. All courses in this option include practical laboratory experiences and problem-solving activities with the tools, materials, equipment and software that are fundamental to understanding the principles of construction technology.

MINOR IN CONSTRUCTION TECHNOLOGY
Construction Technology minor students complete 18 credits of technical courses. Four of these are foundational classes in safety, materials processing, and computer-aided drafting and design. Students then select two technical courses focused specifically in construction technologies.

TOP 3 REASONS TO CHOOSE CONSTRUCTION MANAGEMENT

1. According to businessinsider.com, one of the top 20 jobs in the U.S. for the next 10 years will be construction management.

2. Construction employment is growing! The U.S. Bureau of Labor Statistics projects that employment will increase by 8.47 percent between 2019 and 2029.

3. Median salary for 2019 was over $90,000.
STUDENTS
Upon completion of the Construction Management concentration, students will be able to demonstrate skills and knowledge related to residential/commercial design; analyze and evaluate construction materials to determine the advantages, benefits and suitability for selected applications, and use commercial computer software applications for construction management and project cost control.

INTERNSHIP OPPORTUNITIES
Construction management internships combine the student’s academic, technical and management preparation with actual on-the-job experiences in designing, building, and managing residential and commercial construction sites. In addition to the technical aspect, internships have a significant management component, and students are required to engage in management-related activities such as planning, organizing, directing and supervising at the workplace. Interns are required to complete 150 hours per each 3-credit internship. The student, the employer and the Department of Applied Engineering, Safety & Technology faculty work cooperatively to assure the internship experience achieves the best possible learning value.

CLUBS AND ACTIVITIES
The Construction Management (CM) Club at Millersville University provides students with the opportunity to extend their classroom studies to the real world. Special events, fundraisers and even national competitions are among some of the projects the CM Club is involved with.

ABOUT OUR GRADUATES
The largest employers of construction professionals are specialty trade contractors (e.g., foundation, structure and building exterior contractors), residential building construction and commercial construction. A sampling of job titles held by construction graduates include the following:

- Project Manager
- Project Coordinator
- Cost Estimator
- Construction Superintendent
- Safety Specialist
- Field Engineer
- Scheduler and Planner
- BIM Engineer

FACILITIES
In addition to work completed in the field, there are three separate laboratory facilities used in the Construction Technology program.

- Materials Processing Labs
- Computer-Aided Drafting & Design Lab
- Research and Development Lab

ACCREDITATION
The Applied Engineering & Technology Management degrees are accredited by the Association of Technology Management and Applied Engineering (ATMAE).

FOR INFORMATION, CONTACT:
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