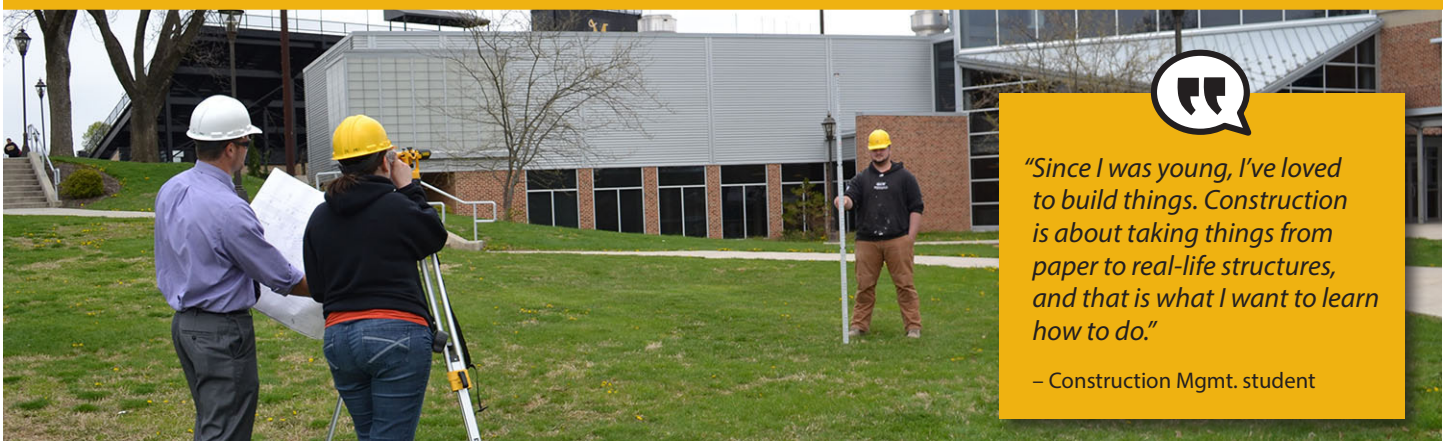
CONSTRUCTION MANAGEMENT



"Since I was young, I've loved to build things. Construction is about taking things from paper to real-life structures, and that is what I want to learn how to do."

– Construction Mgmt. student

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.)

Construction Management (AETM-CNST)

The Construction Management (AETM-CNST) concentration helps students develop the theoretical knowledge and leadership skills to pursue career opportunities in construction management such as project manager, scheduler, superintendent or cost estimator. 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.)

Construction Technology (AET-CNST)

The Construction Technology (AET-CNST) 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.

ACCREDITATION

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

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% between 2019 and 2029.
3. Median salary for 2019 was over $90,000.

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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.

Epsilon Pi Tau (EPT) – Beta Phi Chapter – Epsilon Pi Tau is an international honor society for professions in technology. At Millersville, this includes Engineering Technology, Technology & Engineering Education, Applied Engineering & Technology Management, and Occupational Safety & Environmental Health majors.

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.

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

Dr. John Wright is the program coordinator for the Applied Engineering & Technology Management degrees.

If you have any questions about the programs and the possibilities for you, please email John.Wright@Millersville.edu.

OUR GRADUATES SAY...

"At Millersville I was able to work on a wide variety of classes that covered just about all aspects of the construction industry. I was able to see through the lens of an architect in the CADD class, think like a project manager in the scheduling/estimating classes and perform the work hands-on in the various lab classes. Millersville has provided me with the necessary skill set to get me started on my career as a project manager."
– Tommy Halloway '19, Assistant Project Manager

"I work with logistics plan development and client coordination. I am responsible for submittal review, request for information (RFI) coordination, subcontractor change order review, and creating and managing logs for these items. I manage project budgets and cash flows, and coordinate with superintendents and subcontractors for delegated tasks. I implement project quality programs, including field review of installation, documentation, drawing and specification review, equipment coordination and PRD coordination."
– Lexi Scrivano '17, Assistant Project Manager

ABOUT OUR GRADUATES

When AETM-CNST graduates complete their studies at Millersville University, they embark on careers that have limitless potential. Here are some of the job titles AETM-CNST graduates reported in a 2021 survey of recent department graduates:

- Assistant Project Manager
- Assistant Superintendent
- Cabinet Systems Product Engineer
- Construction Manager
- Continuous Improvement Engineer
- Control Specialist
- Corporate Human Resources Manager
- Designer/Project Manager
- Development Engineer
- Director of Business Development
- Director of Quality Control
- Director of Sales and Business Development
- Director, Sales and Marketing
- Engineer
- Engineering Technician
- Estimator
- Field Services
- Manufacturing Technology
- Marketing Coordinator
- President
- Project Coordinator
- Project Developer

FOR INFORMATION, CONTACT ...

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