

CONSTRUCTION TECHNOLOGY - CONSTRUCTION MANAGEMENT OPTION

ASSOCIATE IN APPLIED SCIENCE (87 CREDIT HOURS)

The need for construction managers continues to grow due to the ongoing expansion of construction activity at the state and national levels. Population and business growth will result in the construction of new residences, office buildings, retail outlets, hospitals, schools, infrastructure, restaurants, and other structures over the coming decade.

The entry-level salaries for OSUIT grads typically start in the upper \$40Ks, and some start as high as \$55,000 a year. It is also common for new hires to receive a signing bonus, moving allowance, and benefits.

Current students and alums agree on the quality of the program. Program graduate Brian Kizzia states, "I don't think my company would ever have even looked at me as a project manager if I hadn't gotten this degree. You're not going to learn everything for your job while in college, but it teaches you how to learn, and it shows your employer that you're committed."

Adam Jobe, another program graduate, says, "My CareerTech instructor saw that I was kind of a leader in the class. He said, 'I think you'll make a good supervisor one day. I think you have the skills.' I didn't have any idea of going to college, but he encouraged me and told me about the Construction Management program here."

The ideal recruit has a good work ethic, is a hands-on learner and a problem solver, and has good people skills. A construction background and a minority or female status are pluses. Graduates from the Construction Management program begin careers in the industry as entry-level managers and can expect opportunities with general contractors, subcontractors, material suppliers, or other industry-related businesses. The degree program emphasizes supervisory, administrative, and management responsibilities coupled with technical hands-on knowledge.

Graduates can qualify for positions such as office engineer, field engineer, safety engineer, assistant superintendent, project engineer, supervisor, estimator, scheduler, expeditor, inspector, or independent contractor.

Fast Facts:

- Future employment of construction managers is expected to remain strong.
- The 2019 national median annual salary for construction managers was \$95,260, with a job outlook projected to grow by 10% from 2018 to 2028 (US Department of Labor).
- Great hands-on labs and real-life situations are integrated into each course.
- The program includes two paid internships where students gain real-world experience.

This program of study requires special program fees beyond OSUIT's current tuition and mandatory fees.

Enrollment in internships requires department approval and a minimum overall (retention/graduation) 2.5 GPA.

For more detailed information regarding OSUIT's Construction Management program – including the required tool list – please contact a program advisor at 918-293-5150 or visit osuit.edu/constructionmanagement.

PROGRAM REQUIREMENTS: 62 CREDIT HOURS

CONSTRUCTION TECHNOLOGIES CORE (30 CREDIT HOURS)

CNS	1113	Construction Materials & Procedures
CNS	1123	Field Engineering I
CNS	1213	Construction Safety OSHA 30 Hour
CNS	1263	Construction Blueprints & Specifications
CNS	2413	Mechanical Systems
CNS	2806	Construction Internship ^[P]
CNS	2906	Construction Internship ^[P]

Approved Technical Elective (3 credit hours)

Selected from technical courses not utilized to meet other program requirements, as approved by the program advisor.

CONSTRUCTION MANAGEMENT OPTION (32 CREDIT HOURS)

BLD	2303	Estimating II ^[P]
BLD	2503	Wall & Roof Systems ^[P]
BLD	2513	Interior Finishes & Specialties ^[P]
CNS	1223	Field Engineering II ^[P]
CNS	1303	Estimating I ^[P]
CNS	2123	Soils in Construction ^[P]
CNS	2403	Project Scheduling ^[P]
CNS	2432	Construction Documents & Shop Drawing Review ^[P]
CNS	2543	Concrete Construction ^[P]
CNS	2683	Construction Management Capstone Experience ^[P]
CNS	2693	Principles of Construction Management ^[P]

TECHNICAL SUPPORT COURSES: 6 CREDIT HOURS

COMMUNICATIONS (3 CREDIT HOURS)

SPCH	1113	Introduction to Speech Communications or
SPCH	2313	Small Group Communications

COMPUTER LITERACY (3 CREDIT HOURS)

CS	1013	Computer Literacy & Applications
----	------	----------------------------------

GENERAL EDUCATION REQUIREMENTS: 18 CREDIT HOURS

AMERICAN HISTORY & GOVERNMENT (6 CREDIT HOURS)

HIST	1483	US History to 1865 or
HIST	1493	US History since 1865
POLS	1113	US Government

COMMUNICATIONS (6 CREDIT HOURS)

Select from courses listed below or others as approved by program advisor.

ENGL	1113	Freshman Composition I and
ENGL	1213	Freshman Composition II ^[P] or
ENGL	1033	Technical Writing I and
ENGL	2033	Technical Writing II ^[P]

MATHEMATICS (6 CREDIT HOURS)

MATH	1513	Pre-Calculus (A)
MATH	1613	Trigonometry ^[P] (A)

INTERDEPARTMENTAL REQUIREMENTS: 1 CREDIT HOUR

ORIENTATION (1 CREDIT HOUR)

ORIE	1011	College Strategies
------	------	--------------------