



CONSTRUCTION MANAGEMENT

The skills & knowledge you need to build your career.



A Decade of Growth

For nearly a decade, construction was one of the fastest-growing industries in the United States, with revenues expected to reach 1.45 trillion dollars by 2023—the first time since 2008 that construction spending would exceed the trillion-dollar level.^[1]

But like so many industries, construction suffered substantial revenue and job losses due to COVID 19. While some estimates indicate a rebound, challenges remain.

Now, more than ever, builders are looking for skilled Construction Managers who can make the most of the latest technologies and strategies to build resiliency and enhance business performance.

[1] Statista



6%
INCREASE IN
CONSTRUCTION STARTS,
JUNE 2020

(DODGE DATA & ANALYTICS)

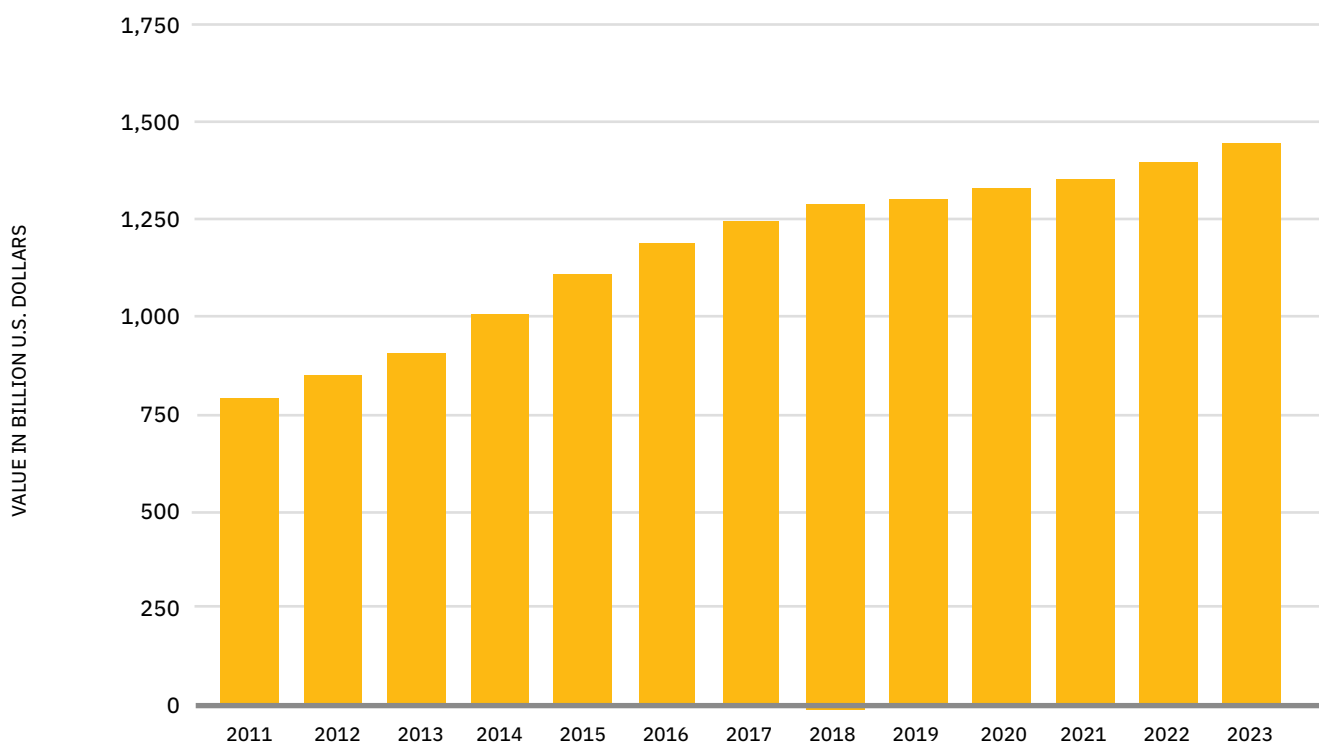
27%
INCREASE, CONSTRUCTION STARTS,
NON-BUILDING SECTOR,
JUNE 2020

(DODGE DATA & ANALYTICS)

158K
NEW CONSTRUCTION JOBS,
JUNE 2020 (BLS)

FORECAST FOR NEW CONSTRUCTION PUT IN PLACE IN THE U.S. FROM 2011 TO 2023

(in billion U.S. dollars)*



SOURCE:
FMI CORPORATION© STATISTA 2018

ADDITIONAL INFORMATION:
UNITED STATES FMI CORPORATION: 2011 TO Q1 2018



CONSTRUCTION MANAGERS

Percent change in employment,
projected 2018–28

10%

CONSTRUCTION MANAGERS

6%

OTHER MANAGEMENT
OCCUPATIONS

5%

TOTAL, ALL
OCCUPATIONS

NOTE:

All Occupations includes all occupations
in the U.S. Economy

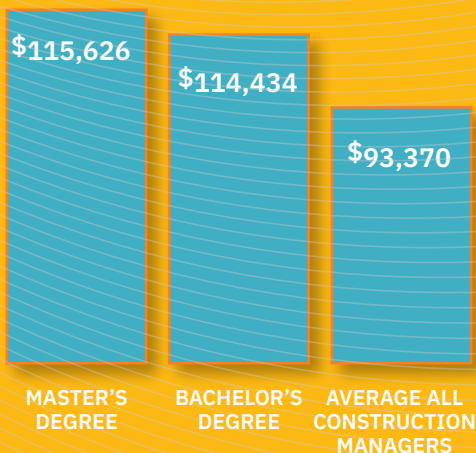
SOURCE:

U.S. Bureau of Labor Statistics,
Employment Projections program



CONSTRUCTION MANAGERS

Median annual salary, 2019



NOTE:

All Occupations includes all occupations in the U.S.
Economy

SOURCE:salary.com

Building Opportunity

In the first few months of 2020, construction starts as well as employment dropped sharply as projects shut down in response to the COVID-19 pandemic.

More recently, however, construction has been on the rise—especially in healthcare, big data and infrastructure renewal. Nearly 600K construction jobs were added in May and June, over half of all those lost in the first months of the pandemic.^[1]

These numbers suggest that while gains in the industry will be lower than forecasted, construction will continue to grow for some time, and is a good source of job security and satisfaction, especially for skilled leaders and managers.

and Great Pay

In its 2020 ranking of the best jobs, US News & World Report rated Construction Management the #1 best job in construction, based on median salary, skills and level of satisfaction, and placed it within the top 100 best jobs in the United States.

The average annual salary for all Construction Managers in 2019 was \$93,370.^[2] Construction Managers with master's degrees earned up to \$115,626 while Construction Managers with bachelor's degrees earned \$105,942-\$114,434.^[3]

Where you live and your level of work experience will impact your salary but having the right skills and education can go a long way toward landing you in the top bracket, wherever you are.

[1] BLS

[2] US News & World Report

[3] Salary.com

An Exciting, Challenging and Rewarding Career

A CONSTRUCTION MANAGER WEARS MANY HATS — from preparing proposals and negotiating contracts to troubleshooting delays, controlling costs, and more. And when they're not handling the business side of projects, Construction Managers are on site with their sleeves rolled up and dirt on their boots, leading people and overseeing all aspects of any given job.

They are indispensable leaders on projects ranging from small renovations to commercial buildings, hospitals, schools, roads and bridges. While the majority of Construction Managers are men, the field provides unique opportunities for women. In 2018, over one million women were employed in construction and earned as much as 99 cents for every \$1 a man earned, well above the national average of 81 cents.

And if you've ever dreamed of owning your own business, there's good news: according to the Bureau of Labor Statistics, nearly 40% of all Construction Managers are self-employed.

No matter where they work, Construction Managers share a number of responsibilities, including:

- Planning, organizing, and controlling projects from start to finish.
- Preparing cost estimates, budgets, and schedules
- Interpreting and explaining contracts and technical information
- Tracking actual project progress against planned progress and implementing corrective action as needed
- Collaborating with architects, engineers and other professionals
- Hiring and managing subcontractors
- Anticipating risk and preparing for it
- Complying with all legal requirements, as well as building and safety codes

The success of a project depends on a great Construction Manager. And the best are those with the ability to lead others in completing projects on time, on budget and within scope.

40%

OF CONSTRUCTION MANAGERS
OWN THEIR OWN BUSINESSES



In 2018, women made up nearly 10 percent of the construction industry. They earned 99.1 cents for every \$1 a man earned in construction.

NAWIC.ORG





Vital Skills for Leading in Construction Management

“This is still very much a people business, so we look for candidates who are engaged and communicate well. We are also looking for folks who can bring new ideas and technology to the table so they can help shape the future of BOND.”

— TONY BOND, PRESIDENT,
CIVIL AND UTILITY, BOND
CONSTRUCTION

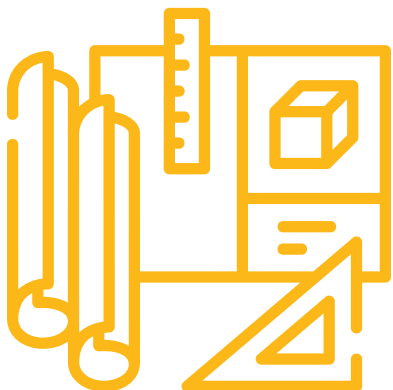
WHAT SKILLS WILL SET YOU APART AS A CONSTRUCTION MANAGER?

We consulted several industry insiders and employers and came up with the following list:

COMMUNICATION — According to a report from job-market analytics provider, Burning Glass, writing and communication skills are in high demand by employers, but are increasingly difficult to find. For Construction Managers, it's essential to know how to convey information in a clear and concise manner, to the right people at the right time throughout the project cycle. This ensures the timely, safe and cost-effective delivery of the end product.

COLLABORATION — Tony Bond, of BOND Brothers Construction, notes, “Construction is a ‘team sport’ so we look for people who are engaged and communicate well and can work collaboratively.” Construction Managers must bring an oftentimes diverse team of players together and facilitate cooperation, collaboration and team success. They must keep morale high and make sure the team is invested in the outcomes of the project.

INTERPERSONAL SKILLS — The best Construction Managers know they are not just managing projects, but teams of people, customers, inspectors and other stakeholders. They understand how to motivate people and empower them to do their best, through both word and example. According to a recent study, most managers spend 8 to 12 percent of their time on people-focused activities. But the top 10% spend 60-80% percent of their time on these activities.



TOP 10% OF CONSTRUCTION
MANAGERS SPEND **60-80%**
OF THEIR TIME ON
PEOPLE-FOCUSED ACTIVITIES



LEADERSHIP — Construction Managers set the tone for their projects and their people. Like good coaches, they know their teams' strengths and weaknesses, and how to motivate them to be their best. And they are able to focus on the big picture, while moving their resources and players around to achieve success.

PLANNING AND ORGANIZATION — A good Construction Manager knows there is no substitute for planning and organization. The ability to track actual progress against planned progress is required to hold the team accountable and ensure the customer is satisfied. This holds true for simple projects as well as the most complicated commercial or residential buildings.

PROBLEM-SOLVING — According to Atiya Rahim, Project Manager at Erland Construction, employers in the construction industry are looking for people with excellent problem-solving skills. Even the best-laid plans are not immune to unexpected setbacks. Construction Managers need to think pragmatically, realistically, diplomatically and often on their feet in order to take the most appropriate corrective action.



Build Your Skills

There are a number of ways to build the skills and knowledge you need to advance your career in Construction Management. These include:

- 1. GET A DEGREE THAT PAYS** — Going back to school is a great way to enhance your skills and knowledge, while gaining the credentials you need to advance your career. Get hands-on experience and learn the latest technologies and techniques. Convenient classes and online programs make it possible for you to learn while working full-time.

Don't have time for a degree? Pursue a short-term certificate. Many professional organizations as well as colleges and universities offer certificate programs that provide valuable credentials with less of a commitment than a degree program. And some certificates are "stackable," allowing you to earn credits toward an undergraduate or graduate degree.
- 2. ON-THE-JOB EXPERIENCE** — Many skills can be learned by doing. Try to gain as much experience as you can on a wide range of projects, with a diverse mix of teams. And don't be afraid to step outside your comfort zone. Doing so will help you learn something new and may even get you noticed by the right person at the right time.
- 3. SELF-EVALUATION** — Conduct a thorough evaluation of your skills and knowledge. How are you at communicating with others? What is your style of leadership? Do you have a good record with problem-solving and critical thinking? Understanding your strengths and weaknesses will help you focus on those areas where you need work as well as find the resources to help you advance in your career.
- 4. FIND A MENTOR** — A role model or trusted advisor can serve as a sounding board for your goals and challenges. He or she might come from your workplace, from school, or a professional organization. If possible, look for a mentor with more experience, as well as someone with knowledge of the types of construction projects you're interested in pursuing. Most professionals would be happy to share their wisdom and insight with you.
- 5. JOIN A PROFESSIONAL ORGANIZATION** — There are several that offer opportunities for continued education and networking for Construction Managers. These include: Associated Builders and Contractors (ABC), the Construction Management Association of America (CMAA), the Massachusetts Building Congress (MBC), and the National Association of Women in Construction (NAWIC).
- 6. STAY INFORMED** — Reading and keeping abreast of industry trends will help you identify areas worthy of further development. They'll also help you discern the skills and knowledge you need to take your performance from good to great, and stand out in today's competitive job market.



“Employers in the Construction Management industry are looking for motivated self-starters; individuals that take initiative, have a sense of urgency, good technical knowledge, willingness to learn, and excellent problem-solving skills.”

— ATIYA RAHIM, PROJECT MANAGEMENT, ERLAND CONSTRUCTION



The Time **is Now**

There has never been a better time to advance your career in Construction Management. And there is no better place to get the skills and knowledge you need to build, manage and lead in Construction Management than

Wentworth Institute of Technology.

**RANKED
#1**

**IN CONSTRUCTION
MANAGEMENT
PROGRAMS FOR
WORKING ADULTS
BY COLLEGE FACTUAL**

THE ONE AND ONLY

Ranked “Best College in Construction Management” 2 years in a row and #1 in Construction Management programs for working adults by College Factual, Wentworth is a leader in architecture, engineering and construction education. We are one of just 5 universities nationwide to be accredited by the American Council for Construction Education (ACCE) and the only accredited university in New England to offer a Master’s of Science in Construction Management. Located in the Fenway neighborhood of Boston, Wentworth is at the heart of one of the fastest-growing construction markets in the country.

WHAT WE OFFER

In addition to a master’s degree in Construction Management, we offer undergraduate degrees and our new credit-bearing certificate in Managing Construction Projects. Benefits of our programs include flexible class schedules, competitive tuition, financial aid and convenient payment plans, making it easier—and more affordable—for you to take the next step in your career.

So what are you waiting for? The time is now, and the place is Wentworth. To speak to an Admissions Counselor, call 617-989-4000 and tell them you’re ready to move forward.

Or click “Let’s Go” and let us know how we can help you build, manage and lead in Construction Management.

**LET’S
GO!**

ONE OF 5 PROGRAMS ACCREDITED BY THE AMERICAN COUNCIL FOR CONSTRUCTION EDUCATION. ONLY PROGRAM IN NEW ENGLAND TO RECEIVE ACCE ACCREDITATION.

Which program is right for you?

Build your career in Construction Management with **Wentworth Institute of Technology**.

BE A LEADER!

Master of Science in Construction Management

Our MSCM includes courses in management, leadership, principles of business, and the fundamentals of real estate. Be prepared to oversee the planning, design and construction of a project from the earliest stages to closeout. One of only 5 programs in the country accredited by the American Council for Construction Education, our program is nationally recognized for its superior outcomes and high-quality education.

COURSE OFFERINGS:

Business Relations & HR Management
Advanced Project Controls
Modern Construction Delivery Methods
Real Estate for CM

BENEFITS:

Flexible & part-time
Online or on-campus
Classes taught by industry experts
No tests required for admission

WHO:

Early-to-mid career level
BA or BS
Leaders and innovators



EARN UP TO 2X MORE!

Bachelor of Science in Building Construction Management

Our program includes courses in core principles and practices of construction management including estimating, contracts, finance, management theory, project management and safety. According to the National Center of Education Statistics, Wentworth awards more bachelor's degrees in Construction Management than any other college or university nationwide.

COURSE OFFERINGS:

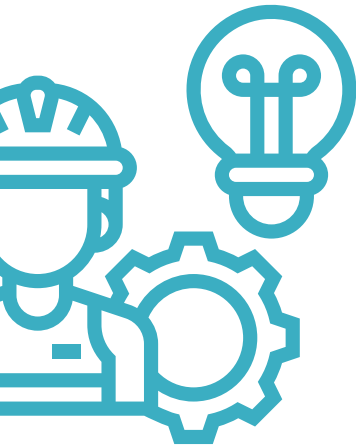
Construction Methods
Safety and Risk Management
Testing Materials
Estimating

BENEFITS:

Flexible & part-time
Transfer up to 80 credits from previous college, military, or on-the-job training
Networking opportunities

WHO:

Apprentice to-mid career level
Some prior learning experience, including on-the-job training
Innovative problem-solver



SHOW WHAT YOU KNOW!

Certificate in Managing Construction Projects

Our Certificate introduces you to the fundamental principles of Construction Management while allowing you to build competency and earn credentials in less time. Seven-week classes help you to learn more and get ahead faster, making it possible to earn the credentials you need in just 1 year.

COURSE OFFERINGS:

Estimating
Project Scheduling
Project Control and Cost Analysis
Construction Management Theory

BENEFITS:

Flexible & part-time
Earn 20 credits towards a Bachelor's in Building Construction Management
Continue to work while you learn

WHO:

Early-to-mid career level
On-the-job experience in plan reading
Motivated go-getters





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