

Construction Management



COLLEGE of ARCHITECTURE and the BUILT ENVIRONMENT

Transfer from **COMMUNITY COLLEGE OF PHILADELPHIA**



Jefferson is known for crossing disciplines to reimagine the way students learn with an approach that is collaborative and active; global; integrated with industry; focused on research across disciplines to foster innovation and discovery; and technology-enhanced. As a national doctoral research university, Jefferson delivers high-impact professional education in 160 undergraduate and graduate programs to 7,800 students in architecture, business, design, engineering, fashion and textiles, health, social science and science.

The College of Architecture and the Built Environment is educating the next generation of design and construction professionals in architecture, interior design, landscape architecture, historic preservation, construction management, geodesign, sustainable design and real estate development. The College regularly partners with major corporations, local communities and nonprofit organizations to offer you a broad range of real-world projects and networking opportunities to fulfill your passions. Our dynamic approach to education and emphasis on social equity, sustainability and design excellence provides you with a competitive advantage that prepares you to become an innovative leader in an equitable and sustainable future.

CAREER and INTERNSHIP HIGHLIGHTS

- Contribute from day one in construction management companies like Skanska, Turner and Whiting-Turner as an Assistant Project Manager, Project Engineer, among others.
- Take an entrepreneurial approach and start your own firm.
- Continue your education in graduate school.

At Jefferson, we'll make sure you're on track to graduate. Bring your credits with you! We also offer merit-based scholarships for transfer students ranging from \$6,000 to \$15,000 per year.

PROGRAM HIGHLIGHTS

- Experience easy transition to a 4-year B.S. in Construction Management Degree from a 2-year Associate Degree (*see back for details*).
- Receive industry-centered construction education as accredited by ABET-ANSAC (*Applied and Natural Science Accreditation Commission*). This program is also a STEM designated program.
- Gain essential technical and practical construction knowledge with hands-on experience.
- Find and evaluate relevant cost, schedule, quality and safety data.
- Collaborate across disciplines on construction projects in a vibrant urban market.
- Take up to 6 credits of graduate courses in related disciplines like real estate management or geodesign.
- Create sound, innovative approaches to real-world challenges faced by construction management professionals.
- Lead and manage complex multidisciplinary projects using industry-specific technology and cutting-edge techniques.



COMPLETE THE FIRST TWO YEARS at COMMUNITY COLLEGE OF PHILADELPHIA

YEAR

1
YEAR 1+2 at CCP

Courses Taken at CCP

Intro to Design and Construction
 CAD Basics
 Construction Safety & Bldg. Codes
 English Composition I
 Geometry for Design
(MATH 162 or 171 is preferred)
 Construction Materials and Detailing: Properties
 Construction Supervision and Business Practices
 Digital Documentation in Arch and Construction
 Introduction to Sociology
 The Research Paper
 Surveying

Equivalent Courses at TJU

Intro to Construction Industry
 Construction Graphics
 Construction Safety and Risk Mgmt
 Written Communication
 Equivalencies available
 from Admissions Office
 Building Systems
 Site Operations
 Elective
 American Diversity
 Topics in American Studies
 Construction Surveying

2

Structures I: Analysis
 Contracts and Specifications
 Construction Cost Estimating I
 Construction Materials and Detailing Methods
 Building Rehabilitation and Energy Retrofit
 Construction Mgmt & Scheduling
 Structures II: Design
 Construction Cost Estimating II
 Computer Methods
 Environmental Conservation
 Philadelphia History: Architecture

Behavior of Materials
 Construction Contracts
 Intro to Est and Scheduling
 Materials & Mthds of Construction
 CMGT Designated Elective
 Planning and Scheduling
 CMGT Designated Elective
 Construction Cost Estimating and Budgeting

 Science I: Sustainability and Eco-Innovations
 Great Buildings

COMPLETE THE SECOND TWO YEARS at THOMAS JEFFERSON UNIVERSITY

3
YEAR 3+4 at JEFFERSON

Science II: General Physics
 Quantitative Reasoning I & II
 Financial Accounting
 Ethics
 Multi Media Communication

Construction Accounting and Cost Control
 Financial Management
 Statistics for Business I
 Macro or Micro Economics
 Global Diversity

Contemporary Global Issues
 Global Citizenship
 Integrative Seminar
 Business Law
 Financial Management

Construction Project Management Seminar
 Construction Management Capstone
 Capstone Folio Workshop
 Business Elective
 Business Elective