Bachelor of Science in Construction Management

HCC (Houston City College) to UT Tyler

2026-2027 Catalog

Freshman Year

Fall Semester (HCC)

- ENGL 1301 - Composition I (3 Credit Hours)
- HIST 1301 - US History I (3 Credit Hours)
- MATH 2312 - Precalculus (4 Credit Hours)
- Elective Science including lab (any) (3 Credit Hours)
- Visual and Performing Arts (4 Credit Hours)

Semester Total: 16 Credit Hours

Spring Semester (HCC and UT Tyler)

- ENGR 1204 - Engineering Graphics (2 Credit Hours)
- CMGT 2302 - Introduction to Construction Management (3 Credit Hours) – **co-enrollment at UT Tyler**
- PHYS 1301/1101 - University Physics I Lecture & Lab (4 Credit Hours)
- MATH 1342 - Statistics (Elementary Statistical Methods) (3 Credit Hours)
- ENGL 1302 - College Composition II (3 Credit Hours)

Semester Total: 15 Credit Hours

Sophomore Year

Fall Semester (HCC and UT Tyler)

- GOVT 2305 - Introductory American Government (3 Credit Hours)
- CENG 2336 - Geomatics (3 Credit Hours) – **co-enrollment at UT Tyler**
- ACCT 2301 - Principles of Financial Accounting (3 Credit Hours)
- CMGT 2303 - Construction Materials and Methods (3 Credit Hours) – **co-enrollment at UT Tyler**
- SPCH 1315 - Introduction to Public Speaking (3 Credit Hours)

Semester Total: 15 Credit Hours

Spring Semester (HCC)

- GOVT 2306 - Introductory Texas Politics (3 Credit Hours)
- BUSG 2305 - Business Law and Contracts (WECM curriculum list can be evaluated and used) (3 Credit Hours)
    - ECON 2301 - Principles of Macroeconomics (3 Credit Hours)
      OR
    - ECON 2302 - Principles of Microeconomics (3 Credit Hours)
- HIST 1302 - United States History II or History of Technology and Innovation ... (3 Credit Hours)
- PHIL 2306 - Introduction to Ethics (3 Credit Hours)

Semester Total: 15 Credit Hours

Junior Year

Fall Semester (HCC)

- CMGT 3305 Applied Construction Management Program Principles and Practices (3 Credit Hours)
- FINA 3311 - Principles of Finance (3 Credit Hours)
- MANA 3311 - Fundamentals of Management (3 Credit Hours)
- CMGT 4335 - Construction Law and Ethics (3 Credit Hours)
- CMGT 3311 - Construction Estimating (3 Credit Hours)

Semester Total: 15 Credit Hours

Spring Semester (UT Tyler)

- CMGT 3310 - Construction Structural Analysis I (3 Credit Hours)
- CMGT 3320 - Soils and Foundations in Construction (3 Credit Hours)
- CMGT 3365 - Mechanical, Electrical, and Plumbing (MEP) Systems (3 Credit Hours)
- CMGT 3348 - Construction Safety (3 Credit Hours)
- CMGT 3312 - Advanced Estimating (3 Credit Hours)

Semester Total: 15 Credit Hours

Senior Year

Fall Semester (UT Tyler)

- CMGT 4331 - Construction Scheduling (3 Credit Hours)
- CMGT 4375 - Construction Administration and Economics (3 Credit Hours)

- CMGT 3315 - Construction Structural Systems II (3 Credit Hours)
- CMGT 3104 - Advance graphics, Civil3D and Revit (1 Credit Hours)
- CMGT 4370 - Construction Management Internship (3 Credit Hour)
- CMGT 4195 - Construction Management Capstone I (1 Credit Hours)

Semester Total: 14 Credit Hours

Spring Semester (UT Tyler)

- CMGT 4313 - Construction Applications for Concrete (3 Credit Hours)
- CMGT 4385 - Commercial Construction (3 Credit Hours)
- CMGT 4395 - Construction Management Capstone (3 Credit Hours)
- CMGT 4315 - Construction Applications for Steel (3 Credit Hours)
- Approved Elective

Semester Total: 15 Credit Hours

Total Credit Hours: 120

Notes:

- Additional lower-division (CORE) courses can be completed either at HCC or through online enrollment with UT Tyler's main campus.
- The above plan is subject to change based on updates to course offerings at both UT Tyler and HCC
- For more information or to schedule an appointment with an advisor, please email a copy of your unofficial transcript to: HEC@UTTYLER.EDU.