

CONSTRUCTION MANAGEMENT

UNIVERSITY of HOUSTON
COLLEGE OF TECHNOLOGY

CONSTRUCTION MANAGEMENT
BACHELOR OF SCIENCE

NAME _____

PS _____

UNIVERSITY CORE REQUIREMENTS

| | GR | SH | AH |
|------------------------------------------------|-----------|-----------|-----------|
| <u>Communication (6 SH)</u> | | | |
| ENGL 1303 English Composition I | _____ | _____ | _____ |
| ENGL 1304 English Composition II | _____ | _____ | _____ |
| <u>Writing in the Discipline (3 SH)</u> | | | |
| GENB 4350 Business Law & Ethics | _____ | _____ | _____ |
| <u>History/Government (12 SH)</u> | | | |
| HIST 1376 or 1377 US History to 1877 | _____ | _____ | _____ |
| HIST 1378 or 1379 US History since 1877 | _____ | _____ | _____ |
| POLS 1336 US & TX Const/Politics | _____ | _____ | _____ |
| POLS 1337 US Government | _____ | _____ | _____ |

Language, Philosophy, & Culture * (3 SH)

| | | | |
|-------|-------|-------|-------|
| _____ | _____ | _____ | _____ |
|-------|-------|-------|-------|

Creative Arts* (3 SH)

| | | | |
|-------|-------|-------|-------|
| _____ | _____ | _____ | _____ |
|-------|-------|-------|-------|

Social/Behavioral Sciences (3 SH)

| | | | |
|------------------------------------|-------|-------|-------|
| ECON 2304 Micro or ECON 2305 Macro | _____ | _____ | _____ |
|------------------------------------|-------|-------|-------|

Math/Reasoning & BS Special Requirement << (13 SH)

| | | | |
|---------------------------------------------|-------|-------|-------|
| MATH 1313 Finite Math w/ Applications | _____ | _____ | _____ |
| MATH 1330 Precalculus | _____ | _____ | _____ |
| MATH 1431 Calculus I (C or better required) | _____ | _____ | _____ |
| MATH 2311 Intro to Probability & Stats | _____ | _____ | _____ |

<< Students will be expected to place out of MATH 1310 by either Math Placement Exam, CLEP or have taken MATH 1310

Life & Physical Sciences (8 SH)

| | | | |
|--------------------------------------------------------------------------------------|-------|-------|-------|
| PHYS 1301/1101 Intro. Gen. Phys I & Lab (PHYS 1301/1101 must have C or better) | _____ | _____ | _____ |
| PHYS 1302/1102 Intro. Gen. Phys II & Lab or GEOL 1330/1130 Physical Geology & Lab | _____ | _____ | _____ |

PROGRAM REQUIREMENTS (9 SH)

| | | | |
|-----------------------------------------|-------|-------|-------|
| ACCT 2331 Accounting Princ. I-Financial | _____ | _____ | _____ |
| ACCT 2332 Accounting Princ. II-Mang | _____ | _____ | _____ |
| COMM 1332 Fund of Public Speaking | _____ | _____ | _____ |

Approved Business Electives (Choose 6 SH)

| | | | |
|-----------------------------------------|-------|-------|-------|
| MANA 3335 Intro to Organizat Beh & Mang | _____ | _____ | _____ |
| MARK 3336 Elements of Marketing Admin | _____ | _____ | _____ |
| FINA 3332 Princ of Financial Mang | _____ | _____ | _____ |
| SCM 3301 Service & Manufacturing Ops | _____ | _____ | _____ |

*Refer to class schedule for lists of courses that satisfy University requirements.

Construction Management students are encouraged to complete a minor in Business Administration by taking an additional Business course and meeting the College of Business minor requirements. See Bauer College of Business undergraduate minors.

MAJOR REQUIREMENTS

No grade lower than C will be accepted for classes taken after Fall 2015.

| | GR | SH | AH |
|-------------------------------------------|-----------|-----------|-----------|
| CNST 1361 Construction Management I | _____ | _____ | _____ |
| CNST 2351 Construction Estimating I | _____ | _____ | _____ |
| CNST 3185 Construction Experience | _____ | _____ | _____ |
| CNST 3301 Cnst. Equip. & Methods | _____ | _____ | _____ |
| CNST 3331 Cnst. Planning & Sched. | _____ | _____ | _____ |
| CNST 3355 Strength of Const Materials | _____ | _____ | _____ |
| CNST 3155 Strength of Const Materials Lab | _____ | _____ | _____ |
| CNST 3372 Soil Mechanics & Foundations | _____ | _____ | _____ |
| CNST 4265 Const. Layout & Site Dev | _____ | _____ | _____ |
| CNST 4302 Construction Law & Ethics | _____ | _____ | _____ |

Choose either the Commercial or the Process & Industrial Track.

Commercial Construction Track

| | | | |
|------------------------------------------|-------|-------|-------|
| CNST 1330 Graphics I | _____ | _____ | _____ |
| CNST 1301 Construction Mat. & Methods | _____ | _____ | _____ |
| CNST 2321 Mech. & Electrical Systems | _____ | _____ | _____ |
| CNST 2341 Construction Documents | _____ | _____ | _____ |
| CNST 3205 Cnst. Safety Management | _____ | _____ | _____ |
| CNST 3351 Construction Estimating II | _____ | _____ | _____ |
| CNST 4311 Structural Steel & Timber Cnst | _____ | _____ | _____ |
| CNST 4331 Construction Management II | _____ | _____ | _____ |
| CNST 4341 Project Controls | _____ | _____ | _____ |
| CNST 4381 Reinf. Conc. & Bldg Codes | _____ | _____ | _____ |

Process and Industrial Track

| | | | |
|------------------------------------------|-------|-------|-------|
| CNST 1315 Project Drawings & Graphics | _____ | _____ | _____ |
| CNST 1325 Process & Ind Construction | _____ | _____ | _____ |
| CNST 2325 Process & Ind Subsystems | _____ | _____ | _____ |
| CNST 2345 Contract Documents Captl Proj | _____ | _____ | _____ |
| CNST 3210 Safety for Industrial Proj | _____ | _____ | _____ |
| CNST 3365 Cost Estimating Capital Proj | _____ | _____ | _____ |
| CNST 4315 Steel Construction | _____ | _____ | _____ |
| CNST 4335 Capital Projects Development | _____ | _____ | _____ |
| CNST 4345 Reinforced Concrete Structures | _____ | _____ | _____ |
| CNST 4385 Field Operations Capital Proj | _____ | _____ | _____ |

Total hours required: 120 semester hours

36 advanced (3000- or 4000-level) semester hours must be completed.

For graduation with Honors, see Undergraduate Catalog.

BS Special Requirements: students must complete 12 hours of quantitative & formal sciences including at least 6 hours of MATH coursework for any Bachelor of Science degree (see catalog).

Student Date

Advisor Date

Department Chair Date