

CONSTRUCTION MANAGEMENT 4-SECTOR SPECIALTY, ASSOCIATE OF APPLIED SCIENCE



Program Information

Were you born with a take-charge attitude and a passion for building? Are you a natural-born leader with an interest in commercial and industrial planning? If so, then a career in construction management may be the right path for you.

The San Jacinto College Construction Management program:

- Is designed to prepare graduates in the field of commercial and industrial construction management. Graduates will assist in the planning, direction, and coordination of activities concerned with the construction and maintenance of commercial and industrial structures and facilities;
- Allows students to participate in the conceptual development and organization of a construction project, pricing and procurement, cost scheduling, and the overseeing of its organization, estimating, scheduling, and the implementation of the project; and
- Offers courses covering material familiarization, specialized construction fields such as civil, carpentry, mechanical, piping and plumbing systems, electrical/electronic, building envelopes, legal contracts, codes, permit processes, and state entities with an understanding of the green elements of each.

Career Opportunities

Graduates of San Jacinto College's Construction Management program have the opportunity to work as:

- Project managers,
- Superintendents,
- Estimators,
- Assistant project managers,
- Assistant superintendents,
- Project engineers,

- Field engineers, and
- Safety engineers.

As Houston continues to grow, the construction management job outlook remains positive. Employment of construction managers is projected to grow 8 percent from 2021 to 2031, faster than the average for all occupations.¹

¹ Source: US Bureau of Labor Statistics

Earning Potential

Construction manager. \$110,881 per year ¹

¹ Source: texaswages.com (<http://texaswages.com>), median salary Gulf Coast region, 2023

For more information, students may contact 281-998-6350, x7346.

Campuses

North Campus

San Jac Online

Information

The purpose of the Construction Management program is to prepare graduates in the field of commercial and industrial construction management. Graduates will assist in the planning, direction, and coordination of activities concerned with the construction and maintenance of commercial and industrial structures and facilities. They will participate in the conceptual development and organization of a construction project, pricing and procurement, scheduling and overseeing of its organization, estimating, and the implementation of the project. This includes material familiarization; specialized construction fields such as civil, carpentry, mechanical, and piping and plumbing systems; electrical/electronic; building envelopes; legal contracts; codes and permit processes through state and local identities with an understanding of the green elements of each.

The program will also prepare students to sit for the Occupational Safety and Health Administration (OSHA) 30-hour certification exam.

Students enrolling into San Jacinto College programs with external learning experiences (i.e., clinical, practicum, externship, cooperative, etc.) will be required to comply with the immunization requirements and policies of the clinical/external learning sites to engage in all clinical/external learning experiences. Vaccination requirements at clinical/external learning sites are implemented pursuant to the independent authority of such facilities and are not mandated by San Jacinto College. Failure to meet the immunization requirements mandated by clinical/external learning sites may limit a student's ability to complete the program and/or may delay the student's graduation date. San Jacinto College does not process exemptions, and students should address potential vaccination exemptions directly with the clinical/external learning site.

Plan of Study

3CSTR-MG4S

Prerequisites		Credits	
ITSC 1309 or BCIS 1305	Integrated Software Applications I or Business Computer Applications	3	Lamar, Construction Management, Industrial Tech, BSIT Full-time (https://publications.sanjac.edu/map-lamar-const-indust-tech-bsft/)
Credits		3	Lamar, Construction Management, Industrial Tech, BSIT Part-time (https://publications.sanjac.edu/map-lamar-const-indust-tech-bsft/)
First Term			
CNBT 1210	Basic Construction Safety	2	
CNBT 1311	Construction Methods & Materials I	3	
CNBT 2310	Commercial/Industrial Blueprint Reading	3	
CNBT 2342	Construction Management I	3	
ENGL 1301	Composition I	3	
Credits		14	
Second Term			
CNBT 1315	Field Engineering I	3	
CNBT 1346	Construction Estimating I	3	
CNBT 2340	Mechanical, Plumbing and Electrical Systems in Construction II	3	
CNBT 2335	Computer-Aided Construction Scheduling	3	
MATH 1332 or MATH 1314	Contemporary Mathematics (Quantitative Reasoning) or College Algebra	3	
Credits		15	
Third Term			
CNBT 1342	Building Codes and Inspections	3	
CNBT 2344	Construction Management II	3	
CNBT 2315	Construction Specifications and Contracts	3	
QCTC 1243	Quality Assurance	2	
BMGT 1301	Supervision	3	
Credits		14	
Fourth Term			
CNBT 2266	Practicum-Construction Technology	2	
Select one of the following:		3	
SPCH 1311	Introduction to Speech Communication		
SPCH 1315	Public Speaking		
SPCH 1318	Interpersonal Communication		
SPCH 1321	Business and Professional Speech		
Social and Behavioral Sciences		3	
Language, Philosophy and Culture (Humanities) or Creative Arts (Fine Arts)		3	
ENGL 2311 or ENGL 1302	Technical and Business Writing or Composition II	3	
Credits		14	
Total Credits		60	

Capstone Experience: CNBT 2266

Transfer Plans (MAPs)

If you do not see your transfer school, please follow the Plan of Study (p. 1). For more information, contact an Admissions Advisor. Please speak to an advisor at San Jacinto College and the transfer institution to ensure this Transfer Plan is accurate and complete. For a list of all MAPs, students may go to Transfer Plans A-Z (<https://publications.sanjac.edu/transfer-plan-maps/>). Students may filter for specific universities, disciplines, or degrees, and print individual MAPs.