

CSTN - CONSTRUCTION TRADES

<p>CSTN 120 Carpentry Bscs & Rough-In Frmg. 4 Credits Corequisite(s): CSTN 160. Introduces the carpentry trade, including history, career opportunities, and requirements. This course covers a variety of building materials, fasteners, and adhesives. It also covers installation procedures for windows and exterior doors. Skills required for framing a simple structure are studied and practiced. Lecture Hours 4 Department: Engineering & Industrial - COT</p>	<p>CSTN 260 Constructn Cncpts & Bldg Lb III. 3 Credits Term Typically Offered: Spring Prerequisite(s): CSTN 160, CSTN 161. Corequisite(s): CSTN 299. Provides instruction and practice in multiple tasks demanded of a carpenter on a jobsite throughout the progression of a building project. Lecture Hours 0, Lab Hours 6 Department: Engineering & Industrial - COT</p>
<p>CSTN 142 Int - Ext Finish Carpentry. 4 Credits Term Typically Offered: Spring Prerequisite(s): CSTN 120, CSTN 160. Introduces students to the materials and methods for sheathing, exterior siding, stairs, and roofing. Students will lay out and build a simple stair system. Includes instruction in interior finishing materials and methods for interior doors and trim, flooring, cabinets, countertops, and fixtures. Lecture Hours 2, Lab Hours 4 Department: Engineering & Industrial - COT</p>	<p>CSTN 271 Construction Project Mgmt. 3 Credits Term Typically Offered: Fall Prerequisite(s): CSTN 148, CSTN 250. 3cr. Provides instruction in aspects of construction management including project planning, sales and marketing, budgeting and estimating, financing, supervision, scheduling, tracking, and reporting. Lecture Hours 3 Department: Engineering & Industrial - COT</p>
<p>CSTN 148 Blueprint Codes and Est.. 3 Credits Term Typically Offered: Fall 3cr. Concentrates on concepts associated with blueprint reading and interpreting residential and light commercial construction drawings. Includes instruction in the recognition of construction materials, procedures, and specifications, and methods of estimating construction costs from blueprints. Covers trade specific symbols found on construction drawings. Provides introduction to state and local laws and regulations related to construction. Lecture Hours 3 Department: Engineering & Industrial - COT</p>	<p>CSTN 280 Const Proj Schedule & Control. 3 Credits Term Typically Offered: Spring Prerequisite(s): CSTN147 or CSTN148, CSTN250, CSTN271. 3cr. Provides the skills and knowledge required to successfully plan, schedule, and control simple to complex projects in the residential and commercial construction sectors. Lecture Hours 3 Department: Engineering & Industrial - COT</p>
<p>CSTN 160 Constructn Cncpts & Bldg Lab. 3 Credits Corequisite(s): CSTN 120. Provides hands-on experience in which the student applies, with direct supervision, the basic skills and knowledge presented in the Program. The course is designed as a practical task-oriented application. Lecture Hours 6 Department: Engineering & Industrial - COT</p>	<p>CSTN 281 Construction Project Mgmt II. 3 Credits Term Typically Offered: Spring Prerequisite(s): CSTN 148, CSTN 250, CSTN 271. Corequisite(s): CSTN 299. 3cr. Provides instruction in advanced construction management including residential and commercial project planning, estimating, and bidding. Combines with CSTN 299 to form a capstone for the Program. Lecture Hours 3 Department: Engineering & Industrial - COT</p>
<p>CSTN 161 Constructn Cncpts & Bldg Lb II. 4 Credits Prerequisite(s): CSTN 120, CSTN 142, CSTN 160. Provides hands-on experience in which the student applies, with direct supervision, the skills and knowledge presented thus far in the Program. The course is designed as a practical, task-oriented application utilizing the skills learned in CSTN 120 and CSTN 142. Lecture Hours 4 Department: Engineering & Industrial - COT</p>	<p>CSTN 292 Independent Study. 1-5 Credits Department: Engineering & Industrial - COT</p>
<p>CSTN 250 Construction Estimating. 3 Credits Term Typically Offered: Spring Prerequisite(s): CSTN 148. 3cr. Provides instruction in the recognition of construction materials, procedures, specifications, codes, and methods from blueprints and other construction project documents. Provides instruction in estimating construction costs based on this information. Lecture Hours 3 Department: Engineering & Industrial - COT</p>	<p>CSTN 294 Seminar/Workshop. 1-4 Credits Department: Engineering & Industrial - COT</p>
	<p>CSTN 298 Internship. 3 Credits Term Typically Offered: Spring Prerequisite(s): CSTN160, CSTN161. Corequisite(s): CSTN299. 3cr. (3 other/wk) Provides students with an opportunity to apply concepts and skills learned in the classroom and lab to workplace settings while participating in experiences in an actual business workplace. Department: Engineering & Industrial - COT</p>
	<p>CSTN 299 Capstone: Construction. 4 Credits Prerequisite(s): CSTN 120, CSTN 142, CSTN 160, CSTN 161, CSTN 250. Corequisite(s): CSTN 281. Provides an opportunity for the student to demonstrate mastery of the skills and knowledge presented in the Program. Student will complete and present a final project including multiple aspects of construction management. Lecture Hours 4 Department: Engineering & Industrial - COT</p>