

CONSTRUCTION MANAGEMENT- Advanced *Semester*

Skilled and Technical Sciences



Instructor: Nathan Hampton

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PROGRAM DESCRIPTION: Advanced Construction Management is a semester-long course that meets every day. This class is geared toward students who are working toward a career in Construction. Students will become proficient with tools, materials, plans, mathematics, and job skills.

Advanced Construction

- Spring Semester, PM Session, every day
- Learn advanced construction techniques
- Available to students who have completed the Introduction class
- Course focuses on advanced estimating, math skills, materials selection, and spatial relationships.
- All Students participate in the Skills USA Competitions in March



Applications for Advanced Construction Management will be available during 2nd quarter for students who are on track to complete Introduction to Construction Management.

Students are expected to maintain their own personal tools and equipment and work every day to complete the project. Along the way, the students will have opportunities to work with professionals in a variety of construction specialties. This class also participates in SkillsUSA, which is a student organization that emphasizes career skills and readiness.

High School Credit: CTE credit or elective credit: Up to 2 credits

Concurrent Enrollment: 4 college credits. Student is responsible to register and pay for concurrent enrollment classes at SLCC. For more information on these classes, see Appendix.

Skills Certification: Utah State Skill Certificate Test(s)

Additional Opportunities: Students may experience youth leadership and service through SkillsUSA.

Requirements: Pass Intro to Construction at CTEC and complete the Application Process. Physical ability to be able to lift at least 30 lbs. Ability to understand and follow safety procedures. Be able to use power and pneumatic tools safely. Drawing and design skills would be helpful.

Recommended: Woodworking

COURSE DESCRIPTIONS:

CMGT 1330 Interiors Finishes / Carpentry 2: Students will expand on their experience in Introduction to Construction. They will learn advanced framing skills including roofs and stairs. They will also learn finish carpentry including doors, windows, trim, cabinets, etc. The class is for students who might like to make construction their career.

Costs/Fees for the 2025-2026 school year: Pending school board approval.

Career Possibilities:

Construction
Rough Carpenter
Finish Carpenter
Roofer
Drywall Installer and Finisher
Civil Engineer
Structural Engineer
Soil Engineer

General Contractor
Remodeling Contractor
Siding Installer
Cement Finisher
Construction Management
Superintendent Project Manager
Architect
Draftsman



"This class is amazing! I've learned so much about construction and feel this is a great entrance into actual jobs."
Maddox G

"The class is super fun. We get to use all sorts of tools and learn different, effective ways of using them. I love how we do hands-on projects instead of laptop work. It really gives you experience or knowledge on what to do."
Marie W

"This class is hands on! You get to get up and do something."
Parker C

"This class is a great learning experience for everyone who wants to get into the construction industry but also for whoever wants to learn about valuable building skills you will need sometime in your life."
Austin L

