

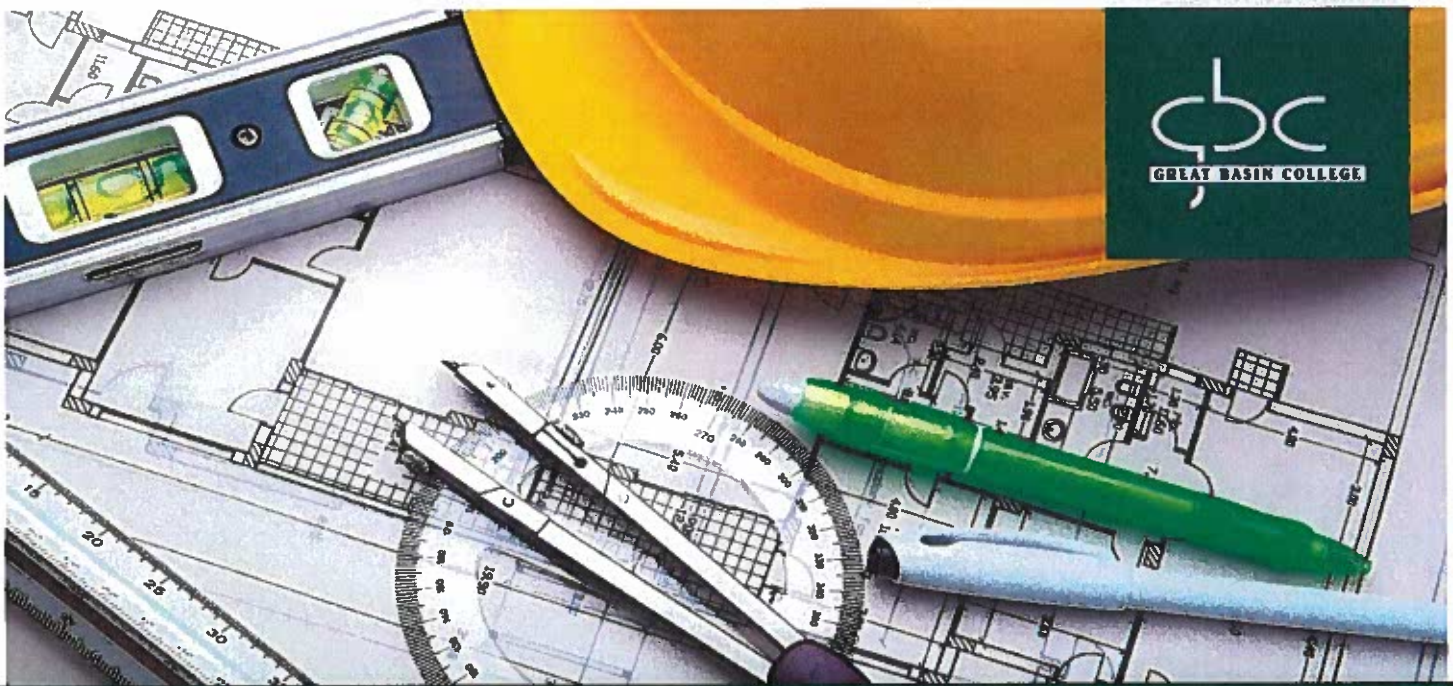


### **Ely Center**

Great Basin College  
2115 Bobcat Drive  
Ely, NV 89301

**Shemayne Pitts**  
Ely Center Director

<b>office</b>	775.327.5309
<b>fax</b>	775.327.5281
<b>email</b>	<a href="mailto:shemayne.pitts@gbcnv.edu">shemayne.pitts@gbcnv.edu</a>
<b>website</b>	<a href="http://www.gbcnv.edu">www.gbcnv.edu</a>



**Great Basin College:**  
Building Tomorrow's Workforce

# Construction Technology Program!

**Now being offered at the GBC Ely Center.**

This 14-week, 10 credit, Construction Skills Certificate begins Jan. 20<sup>th</sup>  
Sign up today or Call 775-327-5350 for more information.

Course Name & Description	Credits	Online Instruction Dates	Meeting Days & Times
<b>CONS 101:</b> Intro to Construction Technology	3	01/20/2026 – 02/20/2026	Friday 8:00 am - 5:00 pm
<b>CONS 120:</b> Construction Plans & Specifications	4	02/23/2026 – 04/03/2026	Friday 8:00 am - 5:00 pm
<b>CONS 108:</b> Construction Materials & Methods	3	04/06/2026 – 05/15/2026	Friday 8:00 am - 5:00 pm

Financial Assistance Available

**GBC Construction Technology**  
**Skills Certificate - 10 credits**  
**Ely Center**

**Overview**

The Construction Technology program equips students with foundational skills for careers in the construction industry, including introductory carpentry, blueprint reading, safe and proper use of tools, and basic framing techniques for floors, walls, ceiling joists, and roofs. The program will meet every Friday starting the second week of January and ending the Friday before Memorial Day. The program is 10 credits long, and completing students will receive a skills certificate.

**Courses**

CONS 101, Introduction to Construction Technology .....3 credits  
CONS 120, Construction Plans and Specifications.....3 credits  
CONS 108, Construction Material and Methods .....4 credits

**Learning Outcomes**

- Describe and practice proper safety techniques on the construction job site
- Explain basic materials and methods used in the construction trades
- Correctly and safely use power tools, hand tools, and ladders
- Understand basic building code
- Read and interpret construction drawings

## **CONS 101 – Introduction to Construction Technology**

**Credits – 3**

**Great Basin College – Ely Center**

**Course Description -** This course offers an in-depth study of safety standards and their critical role in the construction industry. Students will review essential safety procedures, practices, and regulations designed to protect workers on construction sites. Additionally, students will be introduced to hand tools and power tools used in the construction industry.

**Prerequisites – None**

**Course Learning Outcomes –**

- **Understand in-depth construction site safety.**
- **Identify jobsite safety hazards and understand how to correct them.**
- **Properly identify, inspect, and maintain tools.**
- **Create a comprehensive company safety plan.**

## **CONS 120 – Construction Plans and Specifications**

**Credits – 3**

**Great Basin College – Ely Center**

**Course Description -** This course focuses on reading and interpreting construction drawings for residential projects. Students will study architectural symbols and terminology commonly used in the industry.

**Prerequisites – None**

**Course Learning Outcomes –**

- **Identify the different types of lines on blueprints.**
- **Identify the different parts of a blueprint.**
- **Recognize common abbreviations and symbols used on construction drawings.**
- **Identify construction materials as referenced in building plans.**
- **Use the proper sequence in reading blueprints.**
- **Extract pertinent construction information from blueprints.**

## **CONS 108 – Construction Materials and Methods**

**Credits – 4**

**Great Basin College – Ely Center**

**Course Description -** This course introduces students to fundamental construction techniques and materials used in residential and commercial buildings. Emphasis is placed on steel and wood frame structures, exploring common construction materials, components, and systems. Students will examine the construction process from site planning through project completion.

**Prerequisites – None**

**Course Learning Outcomes –**

- **Identify standard materials and construction methods used in residential and commercial building projects.**
- **Explain the appropriate use of various materials and techniques within different phases of the construction process.**
- **Interpret common terminology related to building components and construction systems.**
- **Analyze the key structural and non-structural systems involved in the building process.**
- **Apply industry-standard construction management software, including Bluebeam and Procore, to practical scenarios.**
- **Explore and evaluate a range of career opportunities within the construction industry.**