



Loveland High presents an opportunity to ....



# Earn Geometry Credit while building a mountain cabin!

## Geometry in Construction

### Geometry in Construction

1.0 Credit Geometry and  
1.0 Credit Construction  
(2 blocks every other day)  
Course #2281 & 2282 and  
Course #8441 & 8442

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- Course is recommended for students interested in pre-engineering, architecture, construction management, construction trades, interior design, landscape design and surveying
- Learn safety, problem solving, machine and tool use, and drawing interpretation
- Have minimal or no previous construction experience, Algebra I pre-requisite
- Be exposed to practical skills in building and carpentry trades by constructing a mountain cabin (approx: 625 sq ft)
- Understand and exploit the interdependence between algebra and geometry
- Use coordinate geometry in the study of area, perimeter, volume, transformations, congruence, and functions
- Upon completion of Geometry in Construction, students will complete the geometry objectives and fulfill the Algebra II pre-requisite

