Carpentry Certificate of Applied Science (CAS) teaches the many applications of carpentry within the construction trades industry. Through a combination of classroom instruction and hands-on training, you will learn fundamentals and advanced skills in carpentry, including job safety, rough framing, blueprint reading, and finishing. Program graduates will be prepared to immediately enter the workforce at a strong wage and in an industry actively seeking these highly demanded skills!

Carpentry students learn:
- The relevance of carpentry within the construction trades
- Technical and non-technical skills necessary for the industry.
- Safety rules and regulations in accordance with construction industry standards
- Basic math as required for carpentry.
- Construction technology as it applies to site preparation, foundations and rough framing.
- Blueprint reading, including symbols, abbreviations and legends.
- Applications of common building materials, fasteners and adhesives.
- Terminology, definitions and vocabulary regularly used in construction trades.
- Proper use of hand and power tools.
- Wooden floor assembly, interior and exterior wall assembly and basic roof systems.
- Techniques used for proper placement and curing of concrete.
- ...and much more!

Courses Include:
- Intro to Construction Technology
- Intro to Woodworking
- Carpentry & Framing Basics
- Beginning Carpentry Lab
- OSHA 10 Safety Training
- Technical Mathematics
- Exterior Finishes
- Blueprints, Codes & Estimating
- Construction Concepts Lab
- Intro to Concrete
- Site Prep & Concrete Foundations
- Workplace Communication

Possible Careers Include:
- Carpenter
- Cabinetmaker
- Construction Worker
- Contractor
- Project Management

Potential Annual Salary:
- $42,000 (entry) - $87,000 (4 years)

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Fulfill Your Potential!
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