

# CONSTRUCTION TRADES AND APPRENTICESHIP READINESS - CAREER FOUNDATIONS CERTIFICATE OF COMPLETION (CFC)

description	MTH 060	Beginning Algebra (or higher)	4
		<b>Credits</b>	<b>12</b>
		<b>Total Credits</b>	<b>12</b>

The Construction Trades and Apprenticeship Readiness Certificate of Completion prepares students for entry-level skilled trade jobs and Registered Apprenticeship programs in various skilled trades focused on interior and exterior construction. The program ensures students meet the math requirement for apprenticeship applications and includes coursework to investigate and select possible trades careers. The program's APR courses introduce trade vocabulary, hand and power tools use, rigging principles, basic blueprint reading, and safety. Students learn about Registered Apprenticeship and how to strengthen their resumes and applications to secure and retain positions. Students who complete the program will receive their NCCER Blue Card.

## program learning outcomes

1. Employ safety protocols, equipment, and hazard management on job sites.
2. Demonstrate critical thinking and problem-solving skills to effectively navigate workplace relationships.
3. Perform basic construction calculations necessary on job sites.
4. Demonstrate proficiency with basic construction power and hand tools.
5. Demonstrate proficiency with basic construction vocabulary and communication protocols.
6. Complete basic construction tasks like reading construction drawings, material measuring and cutting, and fastener identification and installation.
7. Explain the phases of construction and the skilled labor tasks applicable to each phase completed towards a scheduled substantial completion.

## entrance requirements

- High school diploma or GED; or current enrollment in High School or GED program
- Age 16 or older

## course requirements

Course	Title	Credits
<b>Core Courses</b>		
APR 100	Trade Skills Fundamentals	4
APR 105	Building a Career in the Skilled Trades	4
or APR 180	Co-op Work Experience Apprenticeship	
<b>Other Required Courses</b>		
MTH 060	Beginning Algebra (or higher)	4
<b>Total Credits</b>		<b>12</b>

## sample plan

<b>First Year</b>		
First Term		Credits
APR 100	Trade Skills Fundamentals	4
APR 105	Building a Career in the Skilled Trades	4
or APR 180	or Co-op Work Experience Apprenticeship	