PROGRAM CONCENTRATION: Architecture, Construction, Communications & Transportation

CAREER PATHWAY:

This Pathway is designed to prepare a student with foundational knowledge and skills for a construction career in one of four possible construction crafts. It also is a good pathway for a student to prepare for a variety of opportunities in addition to the craft areas, such as Architecture, Construction Engineering and Construction Management.

As the student progresses through the pathway, they are given the opportunity to explore four construction craft areas on an introductory level. Once they have completed the foundational and introductory levels they are then given the option to “major” in at least one of four craft areas. These areas are Carpentry, Masonry, Electrical, and Plumbing. Upon successful completion of four units within this Pathway, in an Industry Accredited Program, the student will earn at least two industry credentials with the possibility of others.
The Construction Career Pathway Map

Occupational Safety and Fundamentals

Introduction to Construction

- CARPENTRY I
- CARPENTRY II

POST-SECONDARY

- Apprenticeship
- Technical College
  - Carpentry/Cabinetry
- Construction Management
- Architecture
- Superintendent
- General Contractor
- Remodeling Trades
- Entrepreneur

ELECTRICAL I
ELECTRICAL II

POST-SECONDARY

- Apprenticeship
- Technical College
  - Electrical
  - Electrical Project Mgt.
  - Communications Cabling
  - Electrical Engineer
  - Security Systems Installer
  - Entrepreneur

MASONRY I
MASONRY II

POST-SECONDARY

- Apprenticeship
- Technical College
  - Masonry
  - Project Management
  - Structural Engineer
  - Entrepreneur

PLUMBING I
PLUMBING II

POST-SECONDARY

- Apprenticeship
- Technical College
  - Plumbing
  - Pipe Fitter
  - Project Manager
  - Sprinkler Fitter
  - Entrepreneur