



Building Trades

One-Year Certificate Program

Division of Workforce Trades

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This program will emphasize the construction of frame structure, finish work and phase application of construction.

The Learning Outcomes from the Building Trades certificate program are as follows:

- 🏗️ Students will be able to work safely on the construction site, apply up-to-date construction methods to produce acceptable products.
- 🏗️ Develop the skills required to read and sketch construction drawings, construct basic framing structure and perform basic carpentry skills.
- 🏗️ Students will develop the ability to plan, create, and complete construction jobs.
- 🏗️ Recognize terms and materials to apply in the construction industry.
- 🏗️ Demonstrate and comprehend the necessary skills needed to read blue prints and apply that knowledge to complete a project.

Students in the Building Trades Certificate program are required to complete the following Vocational General Core courses:

Core 3 – Communications				6 Credits Required	
Course #	Name of Course	Offered	Credits	Semester Taken	Grade
VOC 105	Interpersonal Communications	Every	3		
WRIT 121	Introduction to Technical Writing	Spring	3		
Core 4 – Math & Science				3 Credits Required	
M 100	Introduction to Technical Math (as required by degree program)	Fall	3		
Core 5 – Social & Behavioral Science				3 Credits Required	
VOC 101	Employer/Employee Relations	Every	3		
Total General Core Credits To Be Completed By Student			12		

Core 7 – Building Trades				23 Credits Required	
CON 103	Intro to Building Trades/Shop Safety & Procedures	Fall	2		
CON 104	Concrete, Footing, Foundations	Fall	2		
CON 108	Blue Print Reading	Fall	2		
CON 110	Framing, Footing, Foundation Walls	Fall	6		
CON 120	Roof Construction	Spring	6		
CON 160	Dry Wall Application & Finishing	Spring	4		
HHP 245	1st Aid & CPR	Every	1		
Total Core 7 Credits To Be Completed By Student			23		
Total Core 3, 4 & 5 Credits To Be Completed By Student			12		
Total ALL Core Credits To Be Completed By Student For Certificate			35		