

Providence Career & Technical Academy

General Construction 1

Syllabus

Instructor Name: Rick Goyette

Time Frame: 2019-2020

Email:

Course Description Students will continue with the LiUNA Chapter 74 framework with a heavy focus on Strand 2 and skills that will be evaluated during both the masonry and TeamWorks SkillsUSA competition.

Common Core Standards Addressed:

CTE Strand	Conceptual Category and Domain Code Learning Standard Number	Text of Mathematics Learning Standard

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Required Textbooks, Reading and Supplementary Materials

- LiUNA training manuals to be provided in class and for homework by assignment.
- Bergwall Masonry Series Videos
- Project Based Learning Buck Institute (bie.org)
- IXL / Khan Academy

Assignment and Examination Schedule

Assignment	Date/Hours
Measuring and Cutting with wood	12 hours
Project Based Learning Greenhouse	12 hours
Supplementary Mathematical Learning	12 hours
Quarter 1 Mid Term	October 11 th
Grading and Material Movement	14 hours
Project Based Learning (Walkway)	16 hours
Confined Spaces	6 hours
Quarter 1 Final Exam	Nov 8 th
Project Based Learning Greenhouse	10 hours
Skills USA Tasks Teamworks	10 hours
Quarter 2 Mid Term	Dec 13 th
Skills USA Teamworks	15 hours
Skills USA Teamworks Competition	10 hours
Quarter 2 Final Exam	Jan 22 nd
Project Based Learning Greenhouse	10 hours
Work Zone Safety 1	8 hours
Work Zone Safety 2	8 hours
Quarter 3 Mid Term	March 13 th
OSHA 10	10 hours
Project Based Learning Tool Maintenance	4 hours
Boomilever Project	10 hours
Quarter 3 Final Exam (Boomilever Weight Test)	March 31 st
Project Based Learning Greenhouse	10 hours
Concrete Construction	5 hours
Quarter 4 Midterm Exam	May 22 nd
Capstone (Pervious Concrete)	20 hours
Final Exam (Grade for Capstone Project)	June 12 th

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Grading Policy:

Students are encouraged to come to class prepared, do their homework and participate in all class a