

Palo Verde College

Program Outline Report

Program Basics

Program Title:	Building Construction Technology Certificate of Achievement
Program Status:	Active from 2021-22 Summer (2022SU)
Department:	Bldg Construction Tech
Award Type:	Certificate of Achievement (Credit)
Program/Catalog Description	The Building Technology program provides students with a basic background in the management of construction projects. Students will find employment in the broad spectrum of opportunities available in the construction industry. The program also provides continuing education for those already employed as contractors, site superintendents, project managers, estimators, and other areas related to construction.
Control Number:	22483
Credential ID:	No value
Transferability:	No value
(SP01) Program TOP Code:	0952.00
(SP01) Program TOP Code:	Construction Crafts Technology
(SP02) Student Program Award:	Certificate requiring 18 or more semester units
Maximum Credits:	18
Minimum Credits:	18
Curriculum Committee Approval Date:	03/10/2022
Board of Trustees Approval Date:	04/12/2022
External Review Approval Date:	04/12/2022

Proposal Details

Proposal Start:	2021-22 Summer (2022SU)
What changes have been made to the program:	BCT 101 and 113 have been moved from required courses to electives. BCT 200 moved from elective to required courses. BCT 201 has been added to required courses.
Program Justification:	No value

Submission Rationale

- Change to Content

Program Requirements

Building Construction Technology Certificate of Achievement (Total 18)

Complete all of the following

Required Core Courses (Total 12)

Complete the following number of credits: 12

BCT100 - Introduction to Building Trades	3
BCT110 - Blueprint Reading	3
BCT200 - Cabinetry I	3
BCT201 - Cabinetry II	3

Electives: Choose a minimum of 6 units from electives (Total 6)

Complete the following number of credits: 6

BCT101 - Rough Carpentry	3
BCT102 - Advanced Framing Techniques	3
BCT112 - Basic Electricity	3
BCT113 - Basic Plumbing	3
BCT202 - Finish Cabinetry	3
BCT210 - Interior Trim Carpentry	3

Recommended Sequences

New Sequence

Term 1 (Total 3)

Required Core Courses (Total 3)

Take one of the following

BCT100 - Introduction to Building Trades	3
BCT200 - Cabinetry I	3

Term 2 (Total 3)

Required Core Courses (Total 3)

Take one of the following

BCT110 - Blueprint Reading	3
BCT201 - Cabinetry II	3

Term 3 (Total 3)

Electives: Choose a minimum of 6 units from electives (Total 3)

Take one of the following

BCT113 - Basic Plumbing	3
BCT202 - Finish Cabinetry	3

Program Outcomes

Building Construction Technology Certificate of Achievement

1. Acquired fundamental understanding of the principles and practices of building construction technology.

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Program Narrative

Narrative Item 1. Program Goals and Objectives

The program of studies in Building Technology is designed to provide comprehensive occupational training in the skills and methods used in the construction industry. Students will be taught the manipulative skills and the technical knowledge in blueprint reading, carpentry, electricity and plumbing required to qualify for employment in the construction industry. Examples of employment positions student may pursue include, but are not limited to general construction, carpentry, construction manager/supervisor, maintenance and repair.

Narrative Item 2. Catalog Description

The Building Technology program provides students with a basic background in the management of construction projects. Students will find employment in the broad spectrum of opportunities available in the construction industry. The program also provides continuing education for those already employed as contractors, site superintendents, project managers, estimators, and other areas related to construction.

Narrative Item 3. Program Requirements

BUILDING CONSTRUCTION TECHNOLOGY
CERTIFICATE OF ACHIEVEMENT

Core Courses	Title	Units
BCT 100	Introduction to Building Trades	3
BCT 110	Blueprint Reading	3
BCT 200	Cabinetry I	3
BCT 201	Cabinetry I	3
Required Core		12

Building Technologies Elective –

(Choose minimum of 6 units from the list below)

BCT 101	Rough Carpentry	3
BCT 102	Advanced Framing Techniques	3
BCT 112	Basic Electricity	3
BCT 113	Basic Plumbing	3
BCT 202	Finish Cabinetry	3
BCT 210	Interior Trim Carpentry	3

Total Required Units 18

Narrative Item 4. Master Planning (Not needed for Certificates of Career Preparation)

This Building Construction Trades Certificate provides opportunities for personal and professional growth to a diverse community of students in an academic environment committed to student success. The award of a Building Construction Technology Certificate is more than an accumulation of units. It symbolizes a successful attempt on the part of the college to lead students through patterns of learning experiences designed to develop certain capabilities and insights in the BCT world and more.

Narrative Item 5. Enrollment and Completer Projections (Not needed for Certificates of Career Preparation)

30 -60 students annually.

Narrative Item 6. Place of Program in Curriculum/Similar Programs (Not needed for Certificates of Career Preparation)

Currently all of the required curriculum for this Building Construction Trades Certificate resides in the course catalog. After properly organizing and categorizing the material, students may now receive recognition through a certificate of achievement that will help them meet criteria for hiring, as well as, promotional opportunities.

Narrative Item 7. Similar Programs at Other Colleges in Service Area (Not needed for Certificates of Career Preparation)

There are no other colleges or universities in Palo Verde College’s service area in the main Blythe campus. The closest college to the Needles Center is Mojave Community College in Arizona, located one hundred miles north of Blythe and outside the Palo Verde’s service area. This Building Construction Trades Certificate is needed so that students can get jobs in the Building Construction Trades area as well as the solar fields.

LMI and Analysis

Attached

Advisory Committee Recommendations (Not needed for Certificates of Career Preparation)

Attached

Regional Consortia Recommendations (Not needed for Certificates of Career Preparation)

Attached