

BUILDING CONSTRUCTION TECHNOLOGY - CERTIFICATE OF COMPLETION

Doña Ana Community College 2022-2023 Catalog (43-44 credits)

NOTE: Students must earn a final grade of C- or better in all BCT, DRFT, OETS, and TCEN courses, and achieve a cumulative grade-point average of at least 2.0.

Students must complete all University certificate requirements to total at least 43-44 credits. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

| Prefix | Title | Credits |
|---------------------------------------|---|--------------|
| Related Requirements | | |
| Choose one from the following: | | 3-4 |
| MATH 1215 | Intermediate Algebra | |
| MATH 1220G | College Algebra | |
| OETS 104 | Basic Mathematics for Technicians | |
| OETS 118 | Mathematics for Technicians | |
| Technical Requirements | | |
| BCT 101 | Introduction to Construction I | 2 |
| BCT 102 | Introduction to Construction II | 2 |
| BCT 103 | Introduction to Construction Laboratory | 3 |
| BCT 109 | Plumbing I | 3 |
| BCT 110 | Blueprint Reading for Building Trades | 4 |
| BCT 114 | Basic Carpentry | 3 |
| BCT 115 | Carpentry Level I | 3 |
| BCT 116 | Basic Carpentry Lab | 2 |
| BCT 217 | Building and the Environment | 3 |
| TCEN 105 | Building Analyst I | 3 |
| TCEN 106 | Building Analyst II | 3 |
| Technical Electives | | |
| Select 6 credits from the following: | | 6 |
| BCT 209 | Plumbing II | |
| DRFT 109 | Computer Drafting Fundamentals | |
| TCEN 156 | Building Envelope | |
| Advisor approved BCT or TCEN elective | | 3 |
| Total Credits | | 43-44 |

(43-44 credits)

A Suggested Plan of Study

The contents of this roadmap may vary depending on initial student placement in mathematics and English. This is only a suggested plan of study for students, and is not intended as a contract. Individual student academic plans may vary. Please contact your academic advisor to create a plan that works for you. Course availability may vary from fall to spring semester and may be subject to modification or change.

NOTE: Students must earn a final grade of C- or better in all BCT, DRFT, OETS, and TCEN courses, and achieve a cumulative grade-point average of at least 2.0.

Students must complete all University certificate requirements to total at least 43 credits. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

| Semester 1 | | Credits |
|---------------------------------------|---|----------------|
| BCT 101 | Introduction to Construction I | 2 |
| BCT 102 | Introduction to Construction II | 2 |
| BCT 103 | Introduction to Construction Laboratory | 3 |
| Choose one from the following: | | 3-4 |
| MATH 1215 | Intermediate Algebra | |
| MATH 1220G | College Algebra | |
| OETS 104 | Basic Mathematics for Technicians | |
| OETS 118 | Mathematics for Technicians | |
| Technical Elective | | 3 |
| BCT 209 | Plumbing II | |
| or DRFT 109 | or Computer Drafting Fundamentals | |
| or TCEN 156 | or Building Envelope | |
| Credits | | 13-14 |
| Semester 2 | | |
| BCT 109 | Plumbing I | 3 |
| BCT 110 | Blueprint Reading for Building Trades | 4 |
| BCT 114 | Basic Carpentry | 3 |
| BCT 115 | Carpentry Level I | 3 |
| BCT 116 | Basic Carpentry Lab | 2 |
| TCEN 105 | Building Analyst I | 3 |
| Credits | | 18 |
| Semester 3 | | |
| BCT 217 | Building and the Environment | 3 |
| TCEN 106 | Building Analyst II | 3 |
| Technical Elective | | 3 |
| BCT 209 | Plumbing II | |
| or DRFT 109 | or Computer Drafting Fundamentals | |
| or TCEN 156 | or Building Envelope | |
| Advisor approved BCT or TCEN elective | | 3 |
| Credits | | 12 |
| Total Credits | | 43-44 |