

# BUILDING CONSTRUCTION TECHNOLOGY, A.A.S. - BCT3

Graduation Plan

## Fall Start

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
BCT 101	Introduction to Building Construction	5
BCT 105	Tool Usage and Safety	2
BCT 113	Fundamentals of Construction Prints	4
MAT 170	Algebra, Geometry and Trigonometry I	3
<b>Hours</b>		<b>14</b>

## Spring Semester

BCT 102	Fundamentals of Building Construction	4
BCT 131	Estimating/Quantity Take Off	2
BCT 139	Advanced Residential Wiring	3
ENG 165 or ENG 101	Professional Communications or English Composition I	3
Elective Humanities/Fine Arts ( <a href="https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/">https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/</a> )		3
<b>Hours</b>		<b>15</b>

## Summer Semester

BCT 103	Construction Site Layout	4
BCT 204	Cabinet Making	4
BCT 208	Framing and Roofing	3
BCT 212	Construction Methods and Design	3
<b>Hours</b>		<b>14</b>

## Second Year

### Fall Semester

BCT 202	Principles of Form Construction	4
BCT 221	Construction Building Code	3
BCT 231	Construction Labor and Expediting	3
MSY 101	Masonry Fundamentals	5
SPC 205	Public Speaking	3
<b>Hours</b>		<b>18</b>

### Spring Semester

BCT 151	Introduction to Residential Plumbing	3
BCT 209	Construction Project Management	3
BCT 222	License Preparation	3
Elective Behavioral Science ( <a href="https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/">https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/</a> )		3
<b>Hours</b>		<b>12</b>

**Total Hours** 73

## Spring Start

Course	Title	Hours
<b>First Year</b>		
<b>Spring Semester</b>		
MAT 170	Algebra, Geometry and Trigonometry I	3
ENG 165 or ENG 101	Professional Communications or English Composition I	3
Elective Behavioral Science ( <a href="https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/">https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/</a> )		3
Elective Humanities/Fine Arts ( <a href="https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/">https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/</a> )		3
<b>Hours</b>		<b>12</b>

## Fall Semester

BCT 101	Introduction to Building Construction	5
BCT 105	Tool Usage and Safety	2
BCT 113	Fundamentals of Construction Prints	4
SPC 205	Public Speaking	3
<b>Hours</b>		<b>14</b>

## Second Year

### Spring Semester

BCT 102	Fundamentals of Building Construction	4
BCT 131	Estimating/Quantity Take Off	2
BCT 139	Advanced Residential Wiring	3
<b>Hours</b>		<b>9</b>

## Summer Semester

BCT 103	Construction Site Layout	4
BCT 204	Cabinet Making	4
BCT 208	Framing and Roofing	3
BCT 212	Construction Methods and Design	3
<b>Hours</b>		<b>14</b>

## Fall Semester

BCT 202	Principles of Form Construction	4
BCT 221	Construction Building Code	3
BCT 231	Construction Labor and Expediting	3
MSY 101	Masonry Fundamentals	5
<b>Hours</b>		<b>15</b>

## Third Year

### Spring Semester

BCT 151	Introduction to Residential Plumbing	3
BCT 209	Construction Project Management	3
BCT 222	License Preparation	3
<b>Hours</b>		<b>9</b>

**Total Hours** 73

## Summer Start

Course	Title	Hours
<b>First Year</b>		
<b>Summer Semester</b>		
MAT 170	Algebra, Geometry and Trigonometry I	3



ENG 165 or ENG 101	Professional Communications or English Composition I	3
Elective Behavioral Science ( <a href="https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/">https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/</a> )		3
Elective Humanities/Fine Arts ( <a href="https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/">https://catalog.ptc.edu/student-handbook/advising-registration/general-education-courses/</a> )		3
<b>Hours</b>		<b>12</b>
<b>Fall Semester</b>		
BCT 101	Introduction to Building Construction	5
BCT 105	Tool Usage and Safety	2
BCT 113	Fundamentals of Construction Prints	4
SPC 205	Public Speaking	3
<b>Hours</b>		<b>14</b>
<b>Spring Semester</b>		
BCT 102	Fundamentals of Building Construction	4
BCT 131	Estimating/Quantity Take Off	2
BCT 139	Advanced Residential Wiring	3
<b>Hours</b>		<b>9</b>
<b>Second Year</b>		
<b>Summer Semester</b>		
BCT 103	Construction Site Layout	4
BCT 204	Cabinet Making	4
BCT 208	Framing and Roofing	3
BCT 212	Construction Methods and Design	3
<b>Hours</b>		<b>14</b>
<b>Fall Semester</b>		
BCT 202	Principles of Form Construction	4
BCT 221	Construction Building Code	3
BCT 231	Construction Labor and Expediting	3
MSY 101	Masonry Fundamentals	5
<b>Hours</b>		<b>15</b>
<b>Spring Semester</b>		
BCT 151	Introduction to Residential Plumbing	3
BCT 209	Construction Project Management	3
BCT 222	License Preparation	3
<b>Hours</b>		<b>9</b>
<b>Total Hours</b>		<b>73</b>