

Basic Construction Trades Career Path

Credit Requirements: 66-70 Semester Credit Hours

Recommended Sequence of Courses

First Semester – Fall

BCT 102	Fundamentals of Building Construction	4
BCT 103	Construction Site Layout	4
BCT 112	Construction Print Reading	2
BCT 201	Principles of Roof Construction	4
		Total 14

Second Semester – Spring

BCT 138	Residential Wiring	5
BCT 151	Introduction to Residential Plumbing	3
BCT 203	Exterior and Interior Finishes	5
		Total 13

Third Semester – Summer

CET 135	Construction Contracts	2
*CET 238	Construction Planning and Scheduling	2
CPT 101	Introduction to Computers	3
or		
EGR 110	Introduction to Computer Environment	3
ENG 101	English Composition I	3
ELE HUM	Select one course from Humanities Electives on page B-3	3
		Total 13

Fourth Semester – Fall

CET 120	Construction Materials	3
*CET 127	Building Construction and Print Reading	4
ELE MAT	Select one course from Mathematics Electives on page B-3	3
ELE BCT		
ADD	Select one course Basic Construction Trades Additional Electives	3
		Total 13

Fifth Semester – Spring

*CET 230	Construction Management	3
*CET 245	Cost Estimating	3
ECO 210	Macroeconomics	3
or		
PSY 201	General Psychology	3
SPC 209	Interpersonal Communication	3
ELE BCT	Select one course Basic Construction Trades Electives	1-5
		Total 13-17

Basic Construction Trades Electives

BCT 106	Beginning Woodworking	2
BCT 108	Finish Trim	2
BCT 116	Residential Building Exam Preparation	1
BCT 158	Introductory Building Maintenance	5
BCT 204	Cabinet Making	4
CWE	Cooperative Work Experience	

Basic Construction Trades Additional Electives

BAF 101	Personal Finance	3
MGT 120	Small Business Management	3
SPA 155	Technical Spanish I	3

**These courses may be substituted as a group for a different technical subject area of at least 12 semester credit hours, which must be approved by your advisor.*

Electrical Line Worker Technology Career Path

(restricted to Electric Utility Employees)

65 Credit Hours

Core Curriculum Requirements: 18 credit hours (min. 15)

CPT 101	Introduction to Computers	3
or		
EGR 110	Introduction to Computer Environment	3
ENG 101	English Composition I	3
ELE HUM	Select one course from Humanities Electives on page B-3	3
ELE MAT	Select one course from Mathematics Electives on page B-3	3
ECO 210	Macroeconomics	3
or		
PSY 201	General Psychology	3
SPC 205	Public Speaking	3
or		
SPC 209	Interpersonal Communication	3

Primary Path: 30 credit hours (min. 28)

ELW 111	Introduction to Electrical Line Worker	3
ELW 112	Introduction to Electricity	3
ELW 114	Overhead Line Construction I	3
ELW 211	Underground Line Construction I	3
ELW 231	Electrical Power Systems	3
ELW 115	Overhead Line Construction II	3
ELW 116	Overhead Line Construction III	3
ELW 117	Overhead Line Construction IV	3
ELW 212	Underground Line Construction II	3