

Building Construction Technology

Building Construction Technology Certificate in Applied Science

Mission Statement:

The mission of the Building Construction Technology program is to provide the college's local service area and the global economy with a pool of skilled, entry-level carpenters, plumbers, and masons. Our program will graduate students who can enter the job force with little supervision and will be trained on equipment that is current with industry standards, impacting the community in which they choose to reside in a positive manner in years to come.

- Ethical Behavior – We will always operate with integrity and be guided by legal and fairness standards in all our practices.
- Commitment to Excellence – We will continually measure ourselves against the best practices in associations and perceived value to students.
- Development of People – We will encourage a culture of teamwork with unity of purpose through developing key skills such as listening, effective communication, and project leadership.
- Quality – We will deliver the highest quality educational services we can to our students and community.

Entrance Requirements:

Acceptable placement test score(s); high school diploma or GED not required

Type of Program:

Day or evening

Professional Credential:

Builder's License (subject to passing exam)

Employment Opportunities:

All building industries, projects, self-employment

- This program teaches the fundamentals of the building trade, as well as the basic procedures of cabinetmaking.

Recommended Program Schedule

First Semester - Fall

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|-----|-----|---------------------------------------|-----|
| BCT | 101 | Introduction to Building Construction | 5.0 |
| BCT | 102 | Fundamentals of Building Construction | 4.0 |
| BCT | 113 | Fundamentals of Construction Prints | 4.0 |
| BCT | 131 | Estimating/Quantity Takeoff | 2.0 |

Second Semester - Spring

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|-----|-----|-----------------------------------|-----|
| BCT | 103 | Construction Site Layout | 4.0 |
| BCT | 115 | Construction Safety and Equipment | 2.0 |
| BCT | 201 | Principles of Roof Construction | 4.0 |
| BCT | 231 | Construction Labor and Expediting | 3.0 |

Third Semester - Summer

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| BCT | 203 | Exterior & Interior Finishes | 5.0 |
| BCT | 209 | Construction Project Management | 3.0 |
| BCT | 221 | Construction Building Codes | 3.0 |
| BCT | 116 | Residential Building Exam Prep | 1.0 |

Total Required Credit Hours:

40.0

Note: Please contact your advisor for evening schedules.

Visit <https://www.gvltec.edu/gainful-employment/> for important information about the educational debt, earnings and graduation rates of students who attended programs