

General Information

Admission Policy

A. Tennessee College of Applied Technology Livingston admits applicants on a 'first-come, first serve' basis.

1. Applicants Not Enrolled in High School

a. Applicants not enrolled in high school are eligible for admission provided that:

1. They are at least eighteen (18) years of age or have a high school diploma or equivalent.
2. Select a program of study
3. Complete an admissions application
4. Submit program specific materials and complete additional requirements of the chosen program (if required).

B. Admission of Church-Related and Home School Students

1. Students who have attended a church-related school or home school as defined by T.C.A § 49-50-801 and T.C.A § 49-6-3050 are eligible for admission

- A. Church-Related or Home School Students who do not present valid ACT, SAT or other approved assessment scores at time of admissions may be subject to program assessments to determine program eligibility.

C. Admission of Foreign Non-Immigrants

1. Foreign non-immigrant applicants are eligible for admission if they meet the same conditions required for other applicants as well as the requirements of the U.S. Bureau of Naturalization and Immigration.

D. Standardized Examination Scores

1. Colleges of applied technology may use standardized test scores for advisement and placement purposes.

E. Applicants Enrolled in High School

Applicants enrolled in high school are eligible for admission provided that:

1. An agreement authorizing such admission concluding between the local Board of Education and the Tennessee College of Applied Technology. Such agreements are subject to the approval of the Chancellor or his designee.

Admission Procedures (www.tcatlivingston.edu)

STEPS FOR ENROLLMENT



Pick A Program



Fill Out Online Application



Submit Program Specific Application Materials, (if Required)



Submit proof of vaccination



Request/Submit Transcripts



Complete FAFSA

Class Schedules

Full-time classes are offered Monday through Friday between the hours of 7:45 a.m. and 2:30 p.m. Part-time class schedules may vary according to local needs.

Student Cost

Cost can be found on our website at www.tcatlivingston.edu/programs.

Financial Aid

Financial aid is available to those students who are eligible. Students can be assessed for eligibility for Federal Pell Grants, Federal SEOG, TN Student Assistance Award, Wilder Naifeh Technical Skills Grant, TN Promise, TN Reconnect, and Federal Work Study. The school also coordinates efforts with the Department of Veteran's Affairs, Voc. Rehabilitation, WIOA, TRA and TOPS.

Local High School Articulation

The Tennessee College of Applied Technology at Livingston has articulation agreements with local high schools in the school's service area. These agreements establish guidelines by which high school students may receive advanced placement in programs for skills acquired in high school. For more information on how to receive advanced placement, contact your high school guidance counselor or the Student Services Office at TCAT Livingston.

-For Gainful Employment Information see website

The Tennessee College of Applied Technology - Livingston is an equal opportunity institution and offers equal opportunity for employment and admission to programs to all qualified persons without regard to race, sex, color, religion, national origin, age, physical disability, or veteran status. TCAT fully support the Americans with Disabilities Act and encourages applicants who may require special assistance under the Act to make it known. TCAT-96-1000-TP-20

Building Construction Technology



TENNESSEE COLLEGE
OF APPLIED TECHNOLOGY
LIVINGSTON

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Livingston, TN 38570
www.tcatlivingston.edu

Phone: 931-823-5525

Building Construction Technology

Approximately: 20 Months

Mission Statement

The mission of the Building Construction Technology program is to provide training in the construction trades in order to meet the occupational and technical needs of citizens of the College's service area who have an interest in this type of employment.

Course Description

The Building Construction Technology program provides the student with the fundamentals of carpentry, residential electrical wiring, residential plumbing, and block and brick laying. Instruction methods include classroom lecture, audio-visuals, and extensive live work projects on actual construction projects.

Certificates

Electrician Helper	432 HRS
Carpenter Helper	432 HRS
Plumber Helper	432 HRS

Diplomas

Carpenter	1296 HRS
General Construction	2160 HRS

Course Outline

- Tools and Materials
- Rough Carpentry
- Exterior Finish
- Interior Finish
- Masonry Skills
- Mechanical Systems
- Related Skills

JOB OPPORTUNITIES

Carpenters make up the largest group of the Building Trades workers. Carpenters are employed throughout the country in almost every community. They build, repair, and maintain buildings. Other job opportunities may include framers, dry wall installers, residential plumbers, and cabinet makers. Carpenters may advance to carpentry supervisors or general construction supervisors. Carpenters usually have greater opportunities than most construction workers to become general construction supervisors because they are exposed to the entire construction process. Some carpenters become independent contractors. To advance, carpenters should be able to estimate the nature and quantity of materials needed to properly complete a job. They also must be able to estimate with accuracy how long a job should take to complete and its cost.

Overview

The Building Construction Technology student who completes the requirements for a diploma should be able to excel in all aspects of light frame construction. This would include abilities in site clearing, site layout, developing foundations, framing, sheathing, roofing, installing windows and doors, completing exterior finish, and interior walls, floors, and ceiling finish.

They should also have a knowledge of the use of modern tools, material, prefabricated components, sizes and grades of building materials, and the proper use of these materials. The construction and/or remodeling of stairs, chimneys, fireplaces and cabinets are also skills that should be exhibited by the graduate of the Building Construction Technology program.

In addition to the construction skill, the graduate will have developed abilities in the field of electrical wiring and plumbing. In the electrical phase of the course, the student is given the opportunity to learn the electrical codes in depth. The graduate will also have a full knowledge of the details of the many and varied real-life wiring situations that confront electricians when wiring a typical home.

Modern plumbing skills are included in the training. Upon completion of the program, the graduate will have acquired the ability to accomplish the necessary plumbing jobs that would be required in the construction of the residential dwelling.

The graduate will have a basic knowledge of the tools, materials, equipment, process, and career opportunities in the plumbing field. This would include the latest installation techniques in addition to recent development in materials, fixtures, and appliances.