



WORKFORCE DEVELOPMENT COURSES
SUMMER 2022
REGISTRATION IS OPEN!

NURSING AIDE

Students enrolled in this state approved course will be trained to provide direct care to patients. Employment opportunities include: Assisted Living, Home Health, Long-Term Care Facilities, Hospitals, and Hospice. **CPR is taught as a part of the course. Overall Cost: \$815**

IMPORTANT NOTE ABOUT CRIMINAL BACKGROUND CHECK: Applicants cannot be on the Abuse Registry or have a theft conviction. By the first day of class, applicants must provide Mrs. Linda Hafley with a background check from TrueScreen, **not the Police Department.**

Please visit <https://tcatknoxville.edu/programs/certified-nurse-assistant> for **important** information about a required Physical and TB Skin Test. You will also find a more thorough supply list and cost breakdown!

| Class Dates | Days | Time | Course Length | Room | Tuition |
|---------------------|-------|-------------------|---------------|------|---------|
| May 3 - June 1 | M - F | 8:00 am - 2:30 pm | 120 Hours | A128 | \$469 |
| June 6 - July 15 | M - F | 8:00 am - 2:30 pm | 120 Hours | A128 | \$469 |
| July 18 - August 12 | M - F | 8:00 am - 2:30 pm | 120 Hours | A128 | \$469 |

CPR TRAINING AND RECERTIFICATION

This 5-hour course teaches the skills of CPR for victims of all ages in Basic Life Support (BLS) for healthcare providers through the American Heart Association. All CPR courses are strictly limited to 6 participants.

Overall Cost: \$70

| Class Dates | Day | Time | Course Length | Room | Tuition |
|-------------|-----|-------------------|---------------|--------------|---------|
| May 9 | M | 4:00 pm - 9:00 pm | 5 Hours | Conf. Room A | \$70 |
| May 23 | M | 4:00 pm - 9:00 pm | 5 Hours | Conf. Room A | \$70 |
| June 6 | M | 4:00 pm - 9:00 pm | 5 Hours | Conf. Room A | \$70 |
| June 20 | M | 4:00 pm - 9:00 pm | 5 Hours | Conf. Room A | \$70 |

PHLEBOTOMY

Phlebotomy is a 49-hour course designed for Allied Health workers who need to learn the clinical skill of Phlebotomy. Students will review universal precautions, specimen requirements, laboratory policies, and veni and capillary punctures. Students will learn from practicing live sticks on each other. Additionally, graduates will be qualified for the optional certification exam offered by the National Healthcareer Association (NHA).

Overall Cost: \$593

Prerequisite: *A regular high school diploma or its equivalent (HISET).* **YOU MUST BRING THIS DOCUMENT TO REGISTER FOR CLASS!**

IMPORTANT NOTE ABOUT BLOOD BORNE PATHOGENS: Due to the nature of this course, a current series of the Hepatitis B vaccine is strongly recommended!

| Class Dates | Days | Time | Course Length | Room | Tuition |
|---------------------|------|-------------------|---------------|------|---------|
| May 10- June 23 | TTh | 5:30 pm - 9:00 pm | 49 Hours | TBD | \$324 |
| July 12 - August 25 | TTh | 5:30 pm - 9:00 pm | 49 Hours | TBD | \$324 |

CORONAL POLISH FOR REGISTERED DENTAL ASSISTANTS

This 19-hour course is designed to teach current Tennessee Registered Dental Assistants the procedure of coronal polishing.

Important Notes: This course is not designed for Dental Hygienists. This course is approved by the Tennessee Board of Dentistry and the student must successfully complete both written and clinical portions of the courses to be eligible to apply to the TBD to take the board examinations. Tuition does not include the registration fee to the Tennessee Board of Dentistry which the student will pay to the TBD after successful completion of the course.

Overall Cost: \$267 (Includes \$15 fee paid to Board of Dentistry)

| Class Dates | Day | Time | Course Length | Room | Tuition |
|-----------------------|-----|-------------------|---------------|------|---------|
| August 26 - August 27 | FS | 7:45 am - 5:00 pm | 19 Hours | TBD | \$252 |

MONITORING NITROUS OXIDE FOR REGISTERED DENTAL ASSISTANTS

This 5-hour course is designed to teach the RDA the knowledge and skills to monitor patients under nitrous oxide sedation following the rules and regulations of the Tennessee Board of Dentistry.

Overall Cost: \$110 (Includes \$15 fee paid to Board of Dentistry)

Prerequisite: Current Tennessee Registered Dental Assistant.

Important Notes: This course is not designed for Dental Hygienists. This course is approved by the Tennessee Board of Dentistry and the student must successfully complete both written and clinical portions of the courses to be eligible to apply to the TBD to take the board examinations. Tuition does not include the \$15 registration fee to the Tennessee Board of Dentistry which the student will pay to the TBD after successful completion of the course.

| Class Dates | Day | Time | Course Length | Room | Tuition |
|-------------|-----|-------------------|---------------|------|---------|
| July 22 | F | 9:00 am - 3:00 pm | 5 Hours | TBD | \$95 |

CFOT - BASIC FIBER OPTIC

This introductory 3-day fiber optic tech course is designed for anyone interested in becoming a Certified Fiber Optic Technician. This Fiber Optic Training combines theory and 85% hands-on activities to prepare the student to take the CFOT (Certified Fiber Optic Technician) test that is sanctioned by the FOA (Fiber Optics Association) and given and graded the final class day. This course also introduces the student to industry standards governing FTTD (Fiber To The Desk), FTTH (Fiber To The Home), and Distribution Cabling. Students will learn how to identify fiber types, recognize various connectors used in fiber installation; and install, terminate, splice, and properly test installed fiber cable to existing standards.

This course explores the history and future of fiber optics and fiber optics capabilities, and basic testing and troubleshooting. Anyone interested in becoming a Certified Fiber Optics Technician should attend this class. Course fee includes study materials, exam fees, and Text Book.

The student must pass both the written and hands on exams to successfully pass this course. Course fee includes all books study materials, exams and 1-year membership to the FOA.

Note: Actual number of hours may vary depending on number of students.

Prerequisite: Able to see, identify and manipulate small items and be able to read and speak the English language.

| Class Date | Day | Time | Room | Tuition |
|-----------------|-----|-------------------|------|---------|
| May 23 - May 24 | MT | 8:00 am - 5:00 pm | TBD | \$800 |

CFOS/T - CERTIFIED FIBER OPTICS SPECIALIST IN TESTING & MAINTENANCE

This 2-day, 16-hour course is designed to offer advanced training to anyone involved with the testing and maintenance of fiber optics networks. A focal point in the program is to offer a general, easy to understand, approach to fiber optics testing standards with little theory and considerable hands on activities. This comprehensive program explains the variety of testing standards, equipment and technological approaches used in fiber network testing and splicing and how to choose among them. This 85% hands on course explores the overall spectrum of testing and maintenance of singlemode fiber optics networks and provides a detailed overview and demonstration of various pieces of equipment used in testing and maintenance. Subject matter includes a detailed study of ANSI/TIA/EIA-526-(7)A, OTDR fundamentals and uses, OTDR vs. Insertion Loss Testing, Return Loss Testing, and Attenuation testing using the Power Source and Light Meter.

Prerequisite: Able to see, identify and manipulate small items and be able to read and speak the English language.

| Class Date | Days | Time | Course Length | Room | Tuition |
|-----------------|------|-------------------|---------------|------|---------|
| May 25 - May 26 | WTh | 8:00 am - 5:00 pm | 16 Hours | TBD | \$725 |

CFOS/S - FIBER OPTICS SPLICING SPECIALIST CERTIFICATION

This Splicing Specialist Training includes a complete PowerPoint presentation explaining the importance of high performance splicing and further details the points necessary to achieve these splices. The depth of this presentation is much greater than most textbooks and provides background information about splicing that is very important to the student. An overview of OTDR functions and trace understanding is also provided during this presentation. 85% hands-on classroom activities will provide training in both fusion and mechanical splicing of either single or multimode fiber optic cables. Inside or outside plant fiber optic cable types will be utilized at instructor's discretion during these hands-on sessions along with fiber optics enclosures and splice trays. The student will be responsible for successfully making and testing both mechanical and fusion splices.

In addition to the basic splicing activities outlined above, the student will further be required to correctly and efficiently install spliced fibers into splice trays and enclosures. The student will further be required to achieve a splice loss of less than 0.15 dB for all splices and demonstrate proficiency in interpretation of splice loss using OTDR splice traces.

Prerequisite: Completion of CFOT and CFOS/T courses.

| Class Date | Days | Time | Room | Tuition |
|------------|------|-------------------|------|---------|
| May 27 | FSa | 8:00 am - 5:00 pm | TBD | \$725 |

ALL BOOK/SUPPLY COST ARE ESTIMATED

The Tennessee College of Applied Technology - Knoxville is one of 40 institutions in the Tennessee Board of Regents system, which is comprised of thirteen community colleges and twenty-seven colleges of applied technology. Since founding in 1966, the Tennessee College of Applied Technology - Knoxville has served thousands of area citizens by providing its quality, state-of-the-art training in courses that prepare students for employment in today's technologies and enhance the career potential of workers who are currently employed.

ACCOMMODATIONS

The Tennessee College of Applied Technology Knoxville is committed to providing opportunities and accommodations in higher education to all academically qualified students with disabilities. This commitment is consistent with the Tennessee College of Applied Technology Knoxville's obligation under Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 (ADA).

In order to receive "reasonable accommodations" as set forth in Section 504 of the Rehabilitation Act and the Americans with Disabilities Act, a student with disabilities must meet the following guidelines:

1. Notify a student services counselor prior to enrollment or as the need arises.
2. Provide current documentation of the disability. (Documentation is defined as a written summary from a professional who is licensed to practice in the field appropriate for diagnosing and/or treating the disability in question.)

TCAT - KNOXVILLE WORKFORCE DEVELOPMENT PROGRAMS

The Tennessee College of Applied Technology - Knoxville is pleased to offer a selection of courses that are designed to accommodate your busy schedule. Compare the cost and length of our courses and we know you will choose TCAT - Knoxville for your training.

The Tennessee College of Applied Technology - Knoxville reserves the right to make changes as needed in course offerings, curricula, academic policies, instructors, schedules, room numbers and other matters. Courses must have a minimum number of students in order to be offered. **The cost for books and supplies are estimated and may change without notice.**

Unscheduled school closures are announced via Rave, a rapid alert and emergency notification system that enables our school to reach students, faculty and staff, within moments through a variety of popular communications methods, as well as on all major Knoxville radio and television stations. There are 27 Tennessee Colleges of Applied Technology across the state. Please pay close attention to college's location and emergency school closings.

The Tennessee College of Applied Technology Knoxville is a Tennessee Board of Regents institution.

SUMMER 2022 BREAKS

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|------------------|------------------|
| May 3 | Trimester Begins |
| May 30 | Holiday |
| June 27 - July 8 | Summer Break |
| August 25 | Trimester Ends |

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