

**STATE BOARD OF COMMUNITY COLLEGES  
Combined Course Library - Continuing Education**

**New Course Approvals, Modifications, and Tier Designations**

The State Board is asked to approve the following courses for placement in the Combined Course Library (CCL).

**Request for New Course 1 of 6**

**Requesting College or Agency:** System Office / NC Tire Dealer Association

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
AUT 3500	Certified Automotive Tire Service (ATS)	16	V40 – Automotive Occupations	3

**Description:** Certified Automotive Tire Service (ATS) is a 300 Certified Tire Technician program that provides in-depth and comprehensive instruction on the recommended procedures for servicing modern automobiles and light trucks.

Certified ATS is designed for the professional passenger and light truck tire technician so the subjects range from the relationship between torque and clamping force to the TPMS (Tire Pressure Monitoring System) relearn procedures on domestic and import vehicles.

Certified ATS also includes an exclusive module on Tire Conditions Analysis that uses images from TIA's Passenger and Light Truck Tire Conditions Manual to educate technicians on the most likely reasons for common irregular treadwear patterns.

**Rationale:**

- Request from the North Carolina Tire Dealers Association to offer this program to increase the safety and professionalism (consistency) within the industry.

**Certification:**

Tire Industry Association [www.tireindustry.org](http://www.tireindustry.org) Certified Automotive Tire Service (ATS)

**Request for New Course 2 of 6****Requesting College or Agency:** System Office / NC Department of Transportation (NCDOT)

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
HRD 3150	Career Exploration: Highway Construction Trades (NCDOT)	60	B20 – Human Resources Development	3

**Description:** This course provides an overview of the career opportunities through highway construction pathways. Students will receive an introduction to highway construction trades, life skills training contextualized for the construction industry, career assessments and critical workforce skills for career success.

This course is designed as an orientation to HEO 3150 NCDOT Highway Construction Trades Academy.

The NCDOT HCTA has an emphasis on providing training to access highway construction jobs for minorities, women and disadvantaged individuals as part of the Title 23 Code of Federal Regulations (CFR). All NCDOT HCTA programs must be operated under the criteria established by NCDOT.

**Rationale:**

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- The North Carolina Department of Transportation expects highway construction projects over the next 30 years to drive a \$123 billion-dollar highway construction industry.
- Labor market statistics estimate that increases in spending on highway construction projects will result in above average job growth. Between 2016-2026 workforce opportunities related to highway construction industry will increase by 12 percent.
- The current capacity of North Carolina's workforce cannot accommodate the job demands of state highway modality maintenance, improvement, and building project schedules. Workforce barriers include an aging workforce and a shortage of skilled laborers.
- For the 2018-2019 federal fiscal year, the Federal Highway Association approved the North Carolina Department of Transportation (DOT) OJT Program funds to standup 14 Highway Construction Trades Academies, to be hosted through North Carolina Community Colleges that services the approved academy locations.

**Request for New Course 3 of 6****Requesting College or Agency:** System Office / NC Department of Transportation (NCDOT)

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
HEO 3150	NCDOT Highway Construction Trades Academy (HCTA)	218	H30 – Construction Occupations	2

**Description:** This course supports the NCDOT Highway Construction Training program designed to provide individuals with training in highway construction-related skills including construction safety, mathematics for the trades, job-site readiness and general labor as well as an introduction to heavy equipment, tools, erosion and paving concepts.

The NCDOT HCTA has an emphasis on providing training to access highway construction jobs for minorities, women and disadvantaged individuals as part of the Title 23 Code of Federal Regulations (CFR). All NCDOT HCTA programs must be operated under the criteria established by NCDOT.

**Request for New Course 4 of 6****Requesting College or Agency:** Workforce Continuing Education Section, NCCCS

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
FIP 3031	Firefighter Training Block 1	135	R30 – Fire & Rescue Services	2

**Description:** This course is part of a three-block series designed to align with the needs of high-school fire and rescue academies and other training settings. Firefighter Training Block 1 includes the following topics related to the NC Firefighter Certification regulated by the North Carolina Fire and Rescue Commission: FIP-3001-Orientation and Safety; FIP-3024-Health & Wellness; FIP-3004 Fire Behavior; FIP-3006 Personal Protective Equipment; FIP-3011 Fire Hose, Streams & Appliance; FIP-3005 Portable Extinguisher; FIP-3012 Foam Fire Stream; and FIP-3016-Emergency Medical Care. Colleges may integrate physical training competencies into the total hours of this block course. This course transfers as one block to the NC Office of State Fire Marshal. This course must be managed to the specific standards of the NC Fire and Rescue Commission.

**Request for New Course 5 of 6****Requesting College or Agency:** Workforce Continuing Education Section, NCCCS

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
FIP 3032	Firefighter Training Block 2	135	R30 – Fire & Rescue Services	2

**Description:** This course is part of a three-block series designed to align with the needs of high-school fire and rescue academies and other training settings. Firefighter Training Block 2 includes the following topics related to the NC Firefighter Certification regulated by the North Carolina Fire and Rescue Commission: FIP-3022 Building Construction; FIP-3009 Ropes; FIP-3003 Alarms & Communications; FIP-3007 Forcible Entry; FIP-3010 Ladders; FIP-3008 Ventilation; and FIP-3014 Loss Control. Colleges may integrate physical training competencies into the total hours of this block course. This course transfers as one block to the NC Office of State Fire Marshal. This course must be managed to the specific standards of the NC Fire and Rescue Commission.

**Request for New Course 6 of 6****Requesting College or Agency:** Workforce Continuing Education Section, NCCCS

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
FIP 3033	Firefighter Training Block 3	135	R30 – Fire & Rescue Services	2

**Description:** This course is part of a three-block series designed to align with the needs of high-school fire and rescue academies and other training settings. Firefighter Training Block 3 includes the following topics related to the NC Firefighter Certification regulated by the North Carolina Fire and Rescue Commission: FIP-3018-Water Supplies; FIP-3019-Sprinklers; FIP-3021-Fire and Life Safety Preparedness; FIP-3017-Rescue; FIP-3026-Mayday; FIP-3025-Safety & Survival; and FIP-7000-Traffic Incident Management (TIM). Colleges may integrate physical training competencies into the total hours of this block course. This course transfers as one block to the NC Office of State Fire Marshal. This course must be managed to the specific standards of the NC Fire and Rescue Commission.

**Rationale:**

- FIP-3031, FIP-3032, and FIP-3033 are requested by the System Office to meet requests from numerous community colleges wishing to partner with local fire departments and high schools to provide fire and rescue training to high school students. These blocks align with the Department of Public Instruction's Fire Fighter Technology I, Fire Fighter Technology II, and Firefighter Technology III courses.
- These proposed courses bundle existing training modules into specific blocks that allow for a seamless alignment with students' high-school schedules so that these course blocks may be used as part of the Workforce Continuing Education Career and College Promise (WCE CCP) Program in local high schools.
- The primary goal of these courses is to assist in preparing young people in North Carolina to serve as volunteer or career firefighters. According to the Federal Emergency Management Agency (FEMA), 72 percent of North Carolina's firefighters are volunteers.
- The request for a Tier-2 designation is consistent with the current tier designation of FIP-3000 Firefighter/HAZMAT/TIMS Block. These proposed blocks, created to support high school programs, are a rebundling of the same training, leading to the same industry-recognized credential.

**Contact(s):**

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