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

Request #1 of 2 (New)

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Title</th>
<th>Recommended Hours</th>
<th>Program Area</th>
<th>Tier Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>HET 3125</td>
<td>Fleet Maintenance Technician</td>
<td>240</td>
<td>V40 – Automotive Occupations</td>
<td>1A</td>
</tr>
</tbody>
</table>

Description:
This course will introduce the basic components and systems necessary for a fleet maintenance technician, including brake system, exhaust system, fuel system, lighting devices, steering mechanism, suspension, frame, tires, wheels and rims, and windshield wipers. An emphasis will be placed on safety and identifying potential problems before they become major repair issues. Upon completion of the course, students will be able to identify heavy truck components and systems and perform basic troubleshooting procedures.

Rationale:
Based on data from the EMSI Q3 2016 Data Set (www.economicmodeling.com), an 11.3% growth rate is projected for the greater Charlotte region from 2016-2026 with median hourly earnings of $21.06 per hour. In addition, over 20% of the current workforce in this region will eligible for retirement in the next 10 years. For the state of North Carolina, the growth rate is projected to be 12.8% with median hourly earnings of $19.84 per hour.

Tier designation: Course leads to occupations in high growth, high pay positions. Tier 1A is equivalent to curriculum designation for similar training and course code.

Potential Credentials:
National Institute for Automotive Service Excellence (ASE) Medium-Heavy Duty Truck Certification Tests (T-series 4 – 6)
Request #2 of 2 (Modification)

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Course Title</th>
<th>Current Hours</th>
<th>Requested Modification of Hours</th>
<th>Current Tier Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIP 3000</td>
<td>Firefighter/HAZMAT/TIMS Block</td>
<td>458</td>
<td>464</td>
<td>2</td>
</tr>
</tbody>
</table>

**Description:**
This block course is designed for Fire and Rescue Academies and aligns with firefighter certification requirements as approved by the NC Fire and Rescue Commission. This certification-related course consists of all content identified by the NC Fire and Rescue Commission as currently required for Firefighter I and II and Hazardous Materials Level 1 Responder certifications and for Traffic Incident Management System (TIMS) training. FIP-3000 transfers as one block, in its entirety, to the Office of State Fire Marshal (OSFM). Colleges must adhere to specific policies that govern its use, including the following: 1) Students must successfully complete all components of this block course to get credit for any of the individual certifications/courses; 2) each part of the block has its own mandated attendance policy that must still be followed; and 3) any part within this block that has its own state testing requirements, to include practicals if any, must still be followed. Colleges may additionally integrate physical training competencies into the FIP-3000 block academy to complement Commission-regulated content, not to exceed the maximum hours of the course.

**Rationale:**
This course is being modified to align with new requirements for receiving Firefighter Certification from the NC Fire and Rescue Commission/NC Office of State Fire Marshal, which includes successfully completing prescribed Traffic Incident Management System training, in addition to successfully completing Firefighter and Hazardous Materials Level 1 Responder certification modules. The modified block course will be effective January 1, 2017.

**Contact:**
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Workforce Continuing Education