

Information Ticket

Date: Monday, May 15, 2017

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Process	Action Required
<input type="checkbox"/> Curriculum Revision <input type="checkbox"/> Course Revision <input checked="" type="checkbox"/> Probe Notice <input type="checkbox"/> Probe Feedback <input type="checkbox"/> Probe Outcome <input checked="" type="checkbox"/> Other	<input type="checkbox"/> Notify Appropriate Personnel <input checked="" type="checkbox"/> Submit Vote <input checked="" type="checkbox"/> Notify Faculty and Administration <input type="checkbox"/> Information Only Submit Vote By: 6/26/2017

PAS Group Title/PAS Code: Automotive Technology/0180

Program Standard Title/Major Code(s) AND/OR Course Standard Title/Course Code(s):

ALD1 – Auto Light Duty Diesel Engine Tech	AUTT 2110 – Automotive Light Duty Diesel Engines
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Ticket Information:

In 2013 ASE began offering a new light vehicle diesel engine test (labeled A9) in the general automotive technician battery of tests. The certification was developed because of the proliferation of these newer diesel power plants being used in both domestic and European products sold around the world, but particularly the US. At the time of the A9 test release the auto tech IFCC began to discuss creating an AUTT elective course that could cover this new ASE area. However, the group wanted to wait on NATEF's development of task listing and standards. After close to 4 years NATEF has yet to release such A9 training standards.

At its most recent meeting in January 2017, the Automotive IFCC decided to form a team of members to help write a new AUTT course which could address the topics and content of the ASE A9 light vehicle diesel engine area. Many shops around the state are seeking techs for this niche line of business and the power plants are becoming ever more common. Eight IFCC members and the TCSG CPS worked over the months of February and March to create a new light duty diesel engines course, AUTT 2110. Content was borrowed from the ASE A9 testing standards, some current textbooks, and even current line techs' journals performing this work in repair shops around the state. The result is a 6 credit, 175 contact hour course mirroring in layout the current basic engine performance course, AUTT 1040. However, the content remains specific to the unique service and maintenance tasks performed on light duty diesel vehicles as well as covering theory of operation and repair of the fuel systems and emissions systems.

The creation of this new AUTT course can serve two different purposes in the auto technology curriculum. The first and main purpose is that the course can be used as a new elective course in either the Auto Technology AT23 degree program or AT14 diploma program if a college already uses the elective option in their programs. The other purpose would be that it would serve as a capstone course in a newly created TCC called Automotive Light Duty Diesel Engine Tech - ALD1. This TCC is actually what is out on probe and would only be adopted by those college whose faculty wish to teach it or whose advisory boards are asking for this type of training for techs in their shops. The TCC could also be an 8th award in the auto tech area.

The president approved this probe to be initiated in May 2017. Colleges have until June 26th to submit a vote if they have any wish to offer this TCC. The new course can be used in the existing diploma and degree programs no matter what.