



## Indiana College and Career Pathways Pathway Assessments (PAs) and Reporting Guidelines for Perkins Technical Skills Attainment for 2013-2014

GENERAL GUIDELINES  
updated October 6, 2013

Every Indiana Area Career and Technical Education (CTE) District that receives federal Perkins funding is required to report annually on the number of students taking and percentage passing the state's identified Technical Skills Attainment measures. These measures – including technical certifications, licenses and dual credit final exams or end-of-course assessments – are identified for each College and Career Pathway and are referred to as Pathways Assessments (PAs).

The number of Indiana students taking Pathway Assessments and the percentage meeting the student performance indicators for Technical Skill Attainment (TSA), called 2S1, must increase each year in each CTE District and statewide. This document contains a list of all of the approved industry-recognized assessments and end-of-course examinations that will be used in Indiana to calculate Technical Skills Attainment in 2013-2014.

Guidelines for implementation of the assessments for this school year have been developed. They are as follows:

### Definitions

A **CTE Participant** is:

A student who has earned one (1) or more credits in any career and technical education (CTE) course.

A **CTE Concentrator** is:

An Indiana student who has earned at least six (6) credits in CTE pathway courses in a state approved College and Career Pathway (revised January 2012).

A **CTE Completer** is:

**CTE Concentrator** who has **taken** the state-specified pathway assessment in a state approved College and Career Pathway (revised January 2012).

An **Indiana College and Career Pathway** (Program of Study) is:

An aligned sequence of secondary and, in most cases, postsecondary courses that leads to an industry-recognized credential or technical certification, or an associates or baccalaureate degree at an accredited postsecondary institution, or a registered apprenticeship in:

- 1) An occupation labeled as High Wage and Moderate/High Demand in Indiana, or
- 2) An occupation within the eight emerging career areas identified in the Indiana Strategic Skills Initiative, or
- 3) An occupation approved by the Indiana Department of Education.

**Which Students Must Be Tested?**

Listed in the chart on the next page are the Indiana College and Career Pathways for which Technical Skill Attainment measures are **required** in 2013-2014, along with the Pathway Assessments that are required. All students who are completers (see definitions on page 1) in 2013-2014 of one of the College and Career Pathways listed in the chart below need to be tested via the Pathway Assessment specified in the chart. This includes students who will have completed a logical sequence of courses in one of the College and Career Pathways at the end of the first semester. Further, students who are completing one or more of the courses specified in the chart need to be tested as they finish the individual courses even though they will not be completers until a later year.

**When Are Students To Be Tested?**

Assessments may be administered when students are ready to be tested unless otherwise specified by the test vendor, certifying agency or postsecondary program. Generally, that means testing as close as possible to the finish of instruction on the content being tested. All schools **MUST** follow the postsecondary test, pretest, retest policy for dual credit courses or the test vendors for industry-recognized testing and credentialing.

**Selection of Dual Credit Final or Assessments for Industry-Recognized Certifications or Credentials**

For courses in which both dual credit agreements and industry-recognized credentials exist, it is recommended that students be provided with opportunity to earn both the dual credit and the industry-recognized credential.

**Pathway Assessments (PAs) and Technical Skill Attainment Measures For Specified College and Career Pathways - Required to be administered in the 2013-2014 school year.**

<b><i>Pathway/Concentration</i></b>	<b><i>Required Assessment(s)</i></b>
Automotive Services	End of Course Assessments/Final Exams for Dual Credit courses for which you have articulation agreements. <b><u>OR</u></b> ASE Student Certification Series: Maintenance and Light Repair (MLR) – or – Automotive Service (AST)
Biotechnology (PLTW Biomedical Courses)	PLTW End of Course Assessments/Final Exams are a required component of the three Biomedical courses that have course assessments (PBS, HBS, MI)
Collision Repair	End of Course Assessments/Final Exams for Dual Credit courses for which you have articulation agreements. <b><u>OR</u></b> ASE Student Certification Series: Collision Repair and Refinish
Construction Trades	End of Course Assessments/Final Exams for Dual Credit courses for which you have articulation agreements. <b><u>OR</u></b> Home Builders Institute exam: <ul style="list-style-type: none"><li>• HBI Basic Principles of Construction, or</li><li>• HBI Carpentry Basic, or</li><li>• HBI Wiring Basic</li></ul> <b><u>OR</u></b> HVAC Excellence
Criminal Justice	End of Course Assessments/Final Exams for Dual Credit courses for which you have articulation agreements.
Culinary Arts and/or Hospitality Management	End of Course Assessments/Final Exams for Dual Credit courses for which you have articulation agreements. <b><u>OR</u></b> ProStart Year I and Year II National Exams

<b>Pathway/Concentration</b>	<b>Required Assessment(s)</b>
	<b>OR</b> Culinary Arts Pre-PAC Assessment
Dental	End of Course Assessments/Final Exams for Dual Credit courses for which you have articulation agreements. Pathway Workgroup recommendation: <ul style="list-style-type: none"> <li>Ivy Tech DENT 102,115,116</li> </ul>
Diesel	End of Course Assessments/Final Exams for Dual Credit courses for which you have articulation agreements. <b>OR</b> ASE Certification Series: <ul style="list-style-type: none"> <li>Medium/Heavy Truck</li> </ul>
Drafting and Design - Architectural	End of Course Assessments/Final Exams for Dual Credit courses for which you have articulation agreements.
Drafting and Design - Mechanical	End of Course Assessments/Final Exams for Dual Credit courses for which you have articulation agreements.
Early Childhood	End of Course Assessments/Final Exams for Dual Credit courses for which you have articulation agreements. <b>OR</b> Early Childhood Education Pre-PAC Assessment <b>OR</b> Schools certified to administer the Child Development Associate (CDA) credentials may submit CDA results. <i>Note that the state pathways project will not cover costs of CDA credentialing. Contact TEACH for scholarship possibilities.</i>
Education Professions	End of Course Assessments/Final Exams for Dual Credit courses for which you have articulation agreements. <b>OR</b> Education Fundamentals Pre-PAC Assessment
Electronics and Computer Technology	End of Course Assessments/Final Exams for Dual Credit courses for which you have articulation agreements. <b>OR</b> ETA SET (Student Electronics Technician) <b>OR</b> ESPA Certified-EST <sup>®</sup> <i>Note that the state pathways project will not cover costs of ESPA exams. Contact ESPA for information about the potentials scholarships to cover cost of exams.</i>
Emergency Medical Services	End of Course Assessments/Final Exams for Dual Credit courses for which you have articulation agreements. <b>OR</b> Indiana EMT Certification
Engineering (PLTW Pre-engineering courses)	PLTW End of Course Assessments/Final Exams are a required component of every course in the PLTW Pre-engineering program
Fire Science	End of Course Assessments/Final Exams for Dual Credit courses for which you have articulation agreements. <b>OR</b> Firefighter I and II Certifications
Food Science	End of Course Assessments/Final Exams for Dual Credit course for which you have articulation agreement. <b>OR</b> Food Science Fundamentals Pre-PAC Assessment
Health Science	Pathway assessments are NOT required for students in Health Science

<i>Pathway/Concentration</i>	<i>Required Assessment(s)</i>
	<p>pathways in 2013-2014. NCHSE exams MAY be used, with the state paying costs.</p> <p><b>OR</b></p> <p>End of Course Assessments/Final Exams for Dual Credit courses for which you have articulation agreements.</p> <p><b>OR</b></p> <p>NHA Health Certifications:            Certified Patient Care Technician (CPCT)            Certified Clinical Medical Assisting (CCMA)            Examination for the Certification of Pharmacy Technicians (ExCPT)  <i>Note that the state pathways project will not cover costs of NHA certifications.</i></p>
Human Services	<p>End of Course Assessments/Final Exams for Dual Credit courses for which you have articulation agreements.</p> <p><b>OR</b></p> <p>Family and Community Services Pre-PAC Assessment</p>
Landscape Management	<p>End of Course Assessments/Final Exams for Dual Credit courses for which you have articulation agreements.</p> <p><b>OR</b></p> <p>Indiana Nursery and Landscape Association's Passport to Landscape Industry Certified Softscape</p>
Manufacturing	<p>End of Course Assessments/Final Exams for Dual Credit courses for which you have articulation agreements.</p> <p><b>OR</b></p> <p>MSSC exams as appropriate to the course/curriculum being used.</p>
Precision Machine Technology	<p>End of Course Assessments/Final Exams for Dual Credit courses for which you have articulation agreements.</p> <p><b>OR</b></p> <p>NIMS Online Theory Exam – Level I <i>Note that the state pathways project will cover cost of Candidate Registration Fee and Level I Online Theory Exam only.</i></p>
Welding	<p>End of Course Assessments/Final Exams for Dual Credit courses for which you have articulation agreements.</p> <p><b>OR</b></p> <p>AWS SENSE Level 1 Certification test for modules 2, 3, 8-unit 1, 8-unit 3, and 9, and one welding process.</p>

Who Covers the Costs of the Assessments?

The State of Indiana pays for testing for the certifications specified above, unless noted otherwise. **The State pays only for the tests or assessment packages** and will not pay for separate practice tests or separate pre-tests or for any re-tests or for cost of credentials if separate from the cost of the assessment. If in doubt, please ask. Districts are responsible for ordering and paying separately with their local funds for costs of items such as blueprints, separate pre-tests and other materials not provided as part of the assessment packages.

Each student who is required to complete the assessment or certification must have a **unique Indiana Student Testing Number (STN)** and this STN must be used during the testing process. ***The school and teacher must verify that accurate STNs are provided in each student record.*** The costs of assessments given to students without valid STNs in their test records will not be covered by the state.

The area CTE director/administrator is responsible for ALL schools in the district that have qualifying programs and for meeting with the teachers in all schools in the district to make sure that they are aware of the

requirements for Pathway Assessment(s) and the procedures to be followed. The director is responsible for communicating with superintendents, principals, counselors and teachers regarding the requirements of the assessment process. For any student on your completer list who is not tested, you will be asked by the state to supply the reason the student did not complete the test (e.g. student is failing class, student dropped the class, etc).

Why are other state approved certifications not listed in this chart?

The chart lists only those pathways for which pathway assessments are required. Unless otherwise noted, the state pathways project will pay for the assessments in the required pathways. Please refer to the state approved industry certifications for the full list of certifications that qualify for use in the honors diploma and A-F accountability metrics.

Please contact IDOE if you have questions – Davis Moore at [dmoore@doe.in.gov](mailto:dmoore@doe.in.gov) or 317-233-6697 or Peggy Wild at [pwild@doe.in.gov](mailto:pwild@doe.in.gov) or 317-232-9169.

