

We prepare Idaho's youth and adults for high-skill, in-demand careers.



Related Training Programs

Plumbing Apprenticeship

Wendi Secrist
Director of Business Outreach

Goals for Related Training

- Consistency across related training providers
- Continuous improvement process
- A process to add, remove and monitor related training providers

Goals for Related Training

Consistency across related training providers

- Standards vs. Curriculum
 - Standards are learning outcomes
 - Curriculum refers to the “instructors manual” – NCCER is an example
- Process to update standards

Goals for Related Training

Continuous improvement process

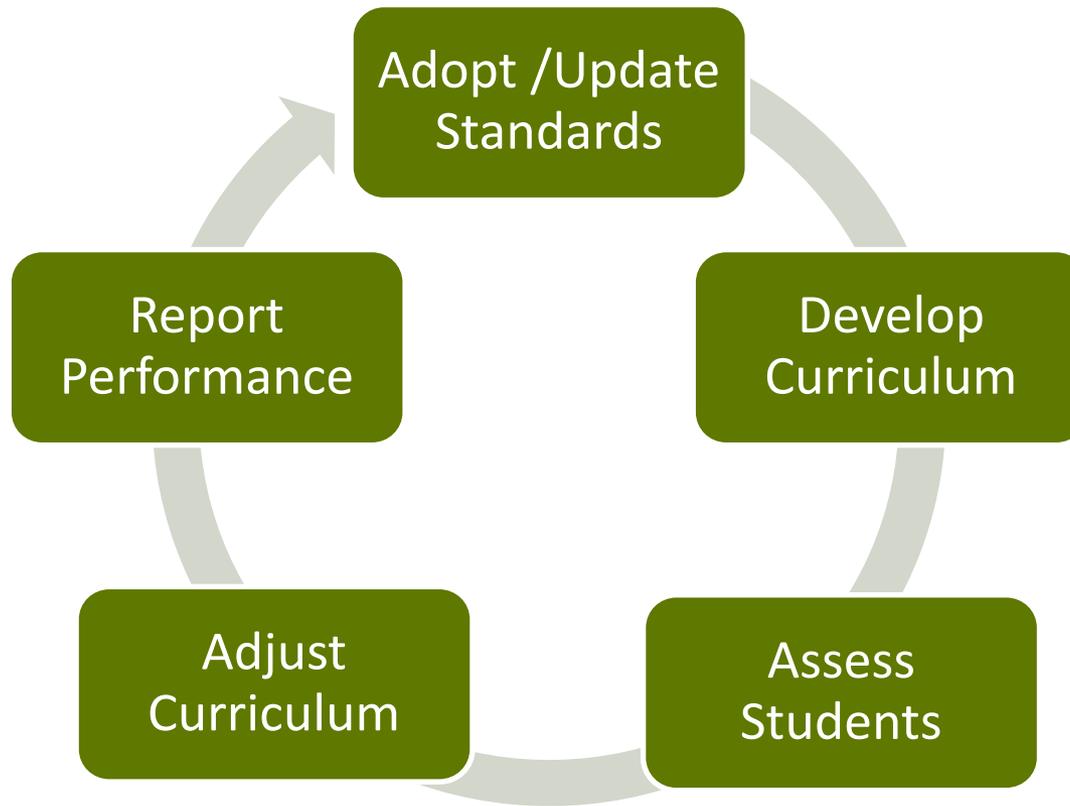
- Need assessments to measure whether students are learning what's being taught.
- Information from assessments influences updates to curriculum.

Goals for Related Training

A process to add, remove and monitor related training providers

- There should be a transparent process by which related training providers are added to the list of approved providers.
- Data is needed for decisions on whether a provider should be removed from the list.

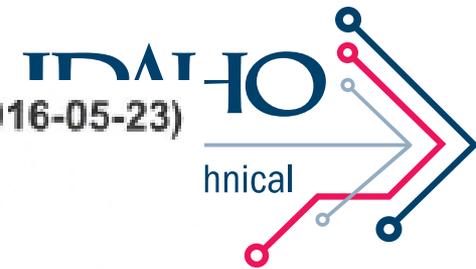
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Today Future State

| Task | Implementation |
|-------------------------------------|--|
| Update Standards for Years 1-4 | Two 2-day meetings with 8-12 instructors/industry members. |
| Criticality Survey | Online survey of industry members to rate the standards as nice to know, need to know, critical to know. |
| Board Adoption of Standards | |
| Assessment Development | 3-day meeting with instructors to develop test questions. |
| Pilot Assessment | Test students at the end of current year. |
| Item Analysis | 1-2 day meeting of instructors to review pilot results and modify questions as needed. |
| Assessment Administration | 1 st "official" assessment. |
| Cut Score Development | 1 day meeting of instructors to set "cut score" for pass/fail of assessment. |
| Present Performance Report to Board | Annually. |

Filters: Date Assessment Taken (2016-02-02 : 2016-05-23)



| | |
|---------------------------------|--|
| Assessment: | Idaho Automotive Technology |
| Number participants: | 179 |
| Items on assessment: | 100 |
| Cut score: | 64 |
| Testing range: | 02/16/2016 - 05/23/2016 |
| Time limit: | 01:00:00 |
| Minimum score possible: | 0 |
| Maximum score possible: | 100 |
| Mean score: | 64.31 / 100 (64.31%) |
| Median score: | 65.00 / 100 (65.00%) |
| Mode score: | The following score(s) occurred 10 time(s): 58 |
| Standard deviation: | 12.36 |
| Reliability coefficient (KR21): | 0.8583 |
| Range: | 68 |
| Interquartile range: | 18 |

| | Min | Max | Mean |
|----------------|---------|---------|----------------|
| Score | 27 | 95 | 64.31 (64.31%) |
| Time | 0:10:08 | 2:30:00 | 0:38:04 |
| Items Answered | 93 | 100 | 99.9 |

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Automotive Technology

| | |
|---|--------|
| 1) Content Standard 1.0: Identify and utilize safety procedures and proper tools | 71.61% |
| 1) Performance Standard 1.1: Demonstrate general lab safety rules and procedures | 75% |
| 1) 1.1.1 Describe general shop safety rules and procedures | 78.03% |
| 2) 1.1.2 Utilize safe procedures for handling of tools and equipment | 33.8% |
| 3) 1.1.3 Identify and use proper placement of floor jacks and jack standards | 89.11% |
| 4) 1.1.4 Identify and use proper procedures for safe vehicle life operation | 79.05% |
| 5) 1.1.5 Utilize proper ventilation procedures for working within the lab/shop area | 67.88% |
| 6) 1.1.6 Identify marked safety areas | 93.3% |
| 7) 1.1.7 Identify the location and the types of fire extinguishers and other fire safety equipment; demonstrate knowledge of the procedures for using fire extinguishers and other safety equipment | 79.33% |
| 8) 1.1.8 Identify the location and use of eye wash stations | 82.12% |
| 9) 1.1.9 Identify the location of the posted evacuation routes | 68.99% |
| 10) 1.1.10 Comply with the required use of safety glasses, ear protection, gloves and shoes during lab/shop activities | 63.13% |
| 11) 1.1.11 Identify and wear appropriate clothing for lab/shop activities | 87.71% |
| 12) 1.1.12 Secure hair and jewelry for lab/shop activities | 98.32% |
| 13) 1.1.13 Identify safety aspects of supplemental restraint systems (SRS), electronic brake control systems, and hybrid vehicle high voltage circuits | 60.89% |
| 14) 1.1.14 Identify safety aspects of high voltage circuits (such as high intensity discharge (HID) lamps, ignition systems, injection systems, etc.) | 80.45% |
| 16) 1.1.16 Handle and dispose of hazardous waste and materials | 89.94% |

Budget

FY19 Budget

| | |
|---|-----------------|
| Travel | \$10,000 |
| (5 trips for 8-12 people each trip ~\$200pp per trip) | |
| Meeting Expenses | \$5,000 |
| (Conference room & meals ~ \$1,000 per meeting) | |
| Assessment Development | <u>\$27,000</u> |
| (\$9,000 per assessment) | |
| Total | \$42,000 |