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

IDAHO CTE Program Alignment Initiative
We prepare Idaho’s youth and adults for high-skill, in-demand careers.

• Idaho State Education Structure

State Board of Education

Office of the State Board

Division of Vocational Rehab

Department of Education

Division of Career Technical Education
• Idaho CTE Funding Structure
We prepare Idaho’s youth and adults for high-skill, in-demand careers.

CTE in Idaho

- 97% of CTE students graduate high school
- 64% of CTE high school students go on to college compared to 54% of all Idaho students
- 93% of technical college completers found jobs or continued their education
- 17 out of 20 of the most in-demand jobs are associated with CTE pathways
Why Change?

• Complete College Idaho
  - 60% of Idahoans will have a degree or certificate by 2020
    • Currently 40% of Idaho citizens have a postsecondary credential
    • State cannot meet this goal without more students graduating from postsecondary CTE programs
    • High School CTE Concentrators do not enroll in postsecondary CTE programs

• Perkins IV
  - TSAs did not align to high school programs
  - True programs of study did not exist
  - Tech Prep
Program Alignment Initiative

- Increase transition of secondary concentrators
- Create consistent avenue of access to programs for secondary concentrator graduates
- Substantiate Technical Competency Credit (TCC) opportunities
- Develop the basis for consistent Vertical Alignment with secondary pathways
- Ensure ongoing collaboration between secondary/postsecondary programs
Phase 1
Secondary Standards Alignment; TSA Development

Phase 2
Postsecondary Horizontal Alignment of First Semester Courses

Phase 3
Align CTE secondary programs to postsecondary program for TCC credits in first semester courses

Phase 4
Annual Professional Development delivered by PS Instructors at PTE Summer Conference (beginning 2016)
Phase 1

Standards Alignment Team for each program pathway. Meet early fall:

- Program Standards
- Student Learning Outcomes
- Criticality Survey
- Technical Skills Assessment
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### IDAHO PROFESSIONAL-TECHNICAL EDUCATION Administrative Services Program Standards Criticality Survey

#### 1. Demonstrate Proficiency in Word Processing

<table>
<thead>
<tr>
<th>Answer Options</th>
<th>Nice to Know</th>
<th>Need to Know</th>
<th>Critical to Know</th>
<th>Rating Average</th>
<th>Response Count</th>
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</thead>
<tbody>
<tr>
<td>Use a template to create a business document</td>
<td>22</td>
<td>57</td>
<td>39</td>
<td>2.14</td>
<td>118</td>
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<tr>
<td>Create tables, charts, and graphs to depict information</td>
<td>27</td>
<td>54</td>
<td>37</td>
<td>2.08</td>
<td>118</td>
</tr>
<tr>
<td>Demonstrate appropriate formatting and design to</td>
<td>11</td>
<td>40</td>
<td>67</td>
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<tr>
<td>Demonstrate competency in keyboarding and 10-key</td>
<td>20</td>
<td>40</td>
<td>58</td>
<td>2.32</td>
<td>118</td>
</tr>
<tr>
<td>Draft, edit, and revise written work</td>
<td>9</td>
<td>40</td>
<td>68</td>
<td>2.50</td>
<td>117</td>
</tr>
<tr>
<td>Create various desktop publications (e.g., newsletters, manuals)</td>
<td>54</td>
<td>50</td>
<td>13</td>
<td>1.65</td>
<td>117</td>
</tr>
<tr>
<td>Use data to create mail merging with other software</td>
<td>49</td>
<td>55</td>
<td>14</td>
<td>1.70</td>
<td>118</td>
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</table>

#### 2. Demonstrate Proficiency in Spreadsheet Applications

<table>
<thead>
<tr>
<th>Answer Options</th>
<th>Nice to Know</th>
<th>Need to Know</th>
<th>Critical to Know</th>
<th>Rating Average</th>
<th>Response Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Generate formulas and use functions to solve a</td>
<td>41</td>
<td>52</td>
<td>25</td>
<td>1.86</td>
<td>118</td>
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<tr>
<td>Use formatting and editing to create a spreadsheet</td>
<td>19</td>
<td>55</td>
<td>44</td>
<td>2.21</td>
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</tr>
<tr>
<td>Create tables, charts, and graphs to depict information</td>
<td>24</td>
<td>63</td>
<td>30</td>
<td>2.05</td>
<td>117</td>
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<tr>
<td>Demonstrate sorting and filtering data</td>
<td>26</td>
<td>59</td>
<td>32</td>
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<tr>
<td>Export data to other software applications</td>
<td>46</td>
<td>55</td>
<td>14</td>
<td>1.72</td>
<td>115</td>
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<tr>
<td>Import data to create spreadsheets</td>
<td>38</td>
<td>64</td>
<td>15</td>
<td>1.80</td>
<td>117</td>
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<tr>
<td>Implement security measures for spreadsheet</td>
<td>44</td>
<td>53</td>
<td>20</td>
<td>1.79</td>
<td>117</td>
</tr>
</tbody>
</table>

answered question: 118 skipped question: 0
Phase 2

- Programs identified
- Instructors collaborate
- First Semester courses chosen & aligned
- Testing Expectations
- Credit requirements
- Micro-certifications
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## Typical Starting Point

<table>
<thead>
<tr>
<th>#1</th>
<th>#2</th>
<th>#3</th>
<th>#4</th>
<th>#5</th>
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<tbody>
<tr>
<td>WELD 149-Basic Blue Printing</td>
<td>WLDTC261-Benchwork for Welders</td>
<td>WELD0143-Shop Math 1</td>
<td>WELD120-Blueprint Reading</td>
<td>WELD117-Welding Theory &amp; Metallurgy</td>
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<td>WELD154- SMAW Arc Weld 1</td>
<td>WLDTC155-Basic Welding Processes Lab</td>
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<td>WELD197L-Oxy/Fuel Cutting Lab</td>
<td>WLD118-Arc Welding</td>
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<td>WELD156-GMAW&amp;FCAW Mig Weld 1</td>
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<td>WELD181L-Welding Lab 1</td>
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<tr>
<td>WELD158- GTAW Tig Welding 1</td>
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</table>

**Total**

- #1: 11
- #2: 15
- #3: 16
- #4: 12
- #5: 14
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td><strong>WELDXXX-Applied Leadership &amp; Safety</strong></td>
<td>2</td>
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<tr>
<td>PS 1.1 Demonstrate General Lab Safety Rules</td>
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<tr>
<td>PS 1.2 Identify &amp; Utilize Proper Tools</td>
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<tr>
<td>PS 1.3 Identify &amp; Utilize Proper Power Equipment</td>
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</tr>
<tr>
<td>PS 1.4 Demonstrate Workplace Readiness Skills</td>
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</tr>
<tr>
<td><strong>WELD XXX-Basic Blue Printing</strong></td>
<td>2</td>
</tr>
<tr>
<td>PS 2.1 Demonstrate Proper Print Reading &amp; Identification</td>
<td></td>
</tr>
<tr>
<td>PS 2.2 Demonstrate Measuring &amp; Scaling Techniques</td>
<td></td>
</tr>
<tr>
<td>PS 2.3 Utilize Layout Principles &amp; Practices</td>
<td></td>
</tr>
<tr>
<td><strong>WELDXXX- Welding Theory 1</strong></td>
<td>2</td>
</tr>
<tr>
<td>PS 3.1 Identify Material Properties &amp; Science</td>
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</tr>
<tr>
<td>PS 3.2 Identify Filler Metals</td>
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<tr>
<td>PS 4.1 Safety Procedures</td>
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<tr>
<td><strong>WELDXXX- SMAW Weld 1</strong></td>
<td>4</td>
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<tr>
<td>PS 4.1 SMAW Safety Procedures</td>
<td></td>
</tr>
<tr>
<td>PS 4.2 Produce Welds using SMAW on Carbon Steel</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>10</td>
</tr>
</tbody>
</table>
Phase 3

Postsecondary Welding 1st Semester

- Applied Leadership & Safety - 2
  - Welding Tech I

- Basic Blueprinting - 2
  - Welding Tech I
    - Welding Tech II & III

- Welding Theory I - 2
  - Welding Tech I
    - Welding Tech II

- SMAW Welding I - 4
  - Welding Tech II
    - Welding Tech II & III

Secondary PTS Welding Technology
Secondary Teachers (CTS):

- Consistent CTE Endorsement
- Industry Endorsement**
- Program Delivery – Minimum= All Aligned Credits**
- Student Testing – CTECS Technical Skills Assessment
- Summer Conference Professional Development
Secondary Comprehensive Teachers (CTE):

- Consistent PTE Endorsement
- Program Delivery – Minimum=Technical Competency Credit 1 Aligned Course**
- Student Testing – CTECS Technical Skills Assessment
- Summer Conference Professional Development
Phase 4

- Develop/Deliver annual Professional Development for secondary instructors based on student TSA Performance at Summer “Reach” Conference
- Timetable for Recommendations, based on completed secondary TSA’s
Summer 2015 Schedule:

- **Jun 1-3:**
  Welding 4 – 10 Credits
  Programming 3 – 12 Credits

- **Jun 8-10:**
  Collision Repair 6 – 10 Credits
  Auto Technology 3 – 8 Credits

- **June 15-17:**
  Computer Support 2 – 8 Credits
  Diesel Technology 2 – 6 Credits

- **Jun 22-24:**
  Admin Services 3 – 9 Credits
  Early Child 2 – 6 Credits

- **Jun 29 – Jul 1:**
  Web Des/Dev 2 – 6 Credits
  Precision Machining 4 – 12 Credits
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Summer 2016 Schedule:

• Jun 6-8:
  Drafting Technology 1 – 4 Credits
  Graphic Design 2 – 6 Credits
  Marketing 1 – 3 Credits
  Culinary 2 – 9 Credits

• Jun 13-15:
  Pre-Engineering 1 – 2 Credits
  Hospitality Mgmt 2 – 6 Credits
  Residential Construction 2 – 6 Credits

• Jun 20-22:
  Ag Business Econ
  Ag Animal Science 3 – 9 Credits
  Ag Orn Horticulture

• Jun 27 – Jun 29:
  Networking Support 1 – 4 Credits
  Electronics 2 – 6 Credits
  Applied Accounting 1 – 3 Credits
QUESTIONS?

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