Governor’s Workforce Cabinet
October 1, 2020

NextLevelJobs.org
Career and Technical Education Update

2 Primary Focus Areas of Today’s Meeting:

1. Overview and reminder of CTE course delivery 2020 - 2021
2. General Overview Timeline new CTE course titles and descriptions
Career and Technical Education Update Part 1

1. Update and reminder of CTE course delivery 2020 - 2021
“Back on Track”
Working Group

- Developed to provide guidance for CTE programs for in-person summer school (Summer Bridge).
- In addition to GWC and CTE staff, working group includes representatives from schools, career centers and other state agencies.
- The Working Group met through July to review and revise the guidance for fall CTE instruction.
# “Back on Track” Working Group

<table>
<thead>
<tr>
<th>Steve Baker, Bluffton High School</th>
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</thead>
<tbody>
<tr>
<td>Dr. Patrick Biggerstaff, Area 31 Career Center, ACTE Administrative Division</td>
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<tr>
<td>Dr. Andrew Findlay, Vincennes University</td>
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<td>Jody French, Perry Central High School</td>
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<td>Greg Gastineau, State Board of Education</td>
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<td>Dr. Gene Hack, C4 Columbus Area Career Connection, IACTED</td>
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<td>Tari Lambert, Commission for Higher Education</td>
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<tr>
<td>Tim McRoberts, Indiana Association of School Principals</td>
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<tr>
<td>Brian Murphy, State Board of Education</td>
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<tr>
<td>Dr. Rebecca Rahschulte, Ivy Tech Community College</td>
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<tr>
<td>Dr. Ken Sauer, Commission for Higher Education</td>
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<tr>
<td>Alan Taylor, Prosser Career Education Center, Governor’s Workforce Cabinet</td>
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<tr>
<td>Dan Ulrich, Indiana Association of CTE Districts</td>
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<tr>
<td>Matt Walsh, Indiana Department of Education</td>
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<tr>
<td>Dr. Lindsey Weaver, M.D., Indiana State Department of Health</td>
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</tbody>
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Guiding Principles

- Maintaining credentialing is critical to benefit students.
- Many courses have hands-on requirements that cannot be replicated or recreated in a virtual environment.
- Postsecondary Alignment
- Equity and Access
Summer Bridge

- Students who needed to:
  - Complete required hands-on content for dual credit courses
  - Complete preparation for certification or licensure exams
  - Complete required WBL and clinical placements

- Summer Bridge Successes – 12 of 22 sites reporting thus far
  - 658 students; 463 completed dual credits; 406 completed an industry certification exam

- Planning to offer Summer Bridge during the summer of 2021 to offer similar opportunities to complete dual credits, industry certifications, and WBL for CTE students impacted by COVID-19
Fall CTE Delivery

- Released Guidance July 9th
  - Utilized many of the guiding principles from the Summer Bridge program;
  - Adjusted previous policies regarding distance delivery for CTE;
  - Continued to work with districts so high-quality CTE can be delivered in era of COVID-19; and
  - Provided additional funding ($1.5M) to CTE Districts to help offset additional costs related to COVID-19.
New Distance Learning Options


<table>
<thead>
<tr>
<th>Course Delivery Method</th>
<th>Previous SY</th>
<th>2020-2021 SY (Due to COVID-19)</th>
<th>Future SY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Classroom Course (face-to-face)</td>
<td>Fully Funded</td>
<td>Fully Funded</td>
<td>Fully Funded</td>
</tr>
<tr>
<td>Virtual (online - synchronous)</td>
<td>Not Funded</td>
<td>Fully Funded for approved courses</td>
<td>Will review prior to the 2021-2022 SY</td>
</tr>
<tr>
<td>Blended (Hybrid) (face-to-face/virtual)</td>
<td>Undefined</td>
<td>Fully Funded must meet hands-on requirements</td>
<td>Will review prior to the 2021-2022 SY</td>
</tr>
<tr>
<td>Online Only (online-asynchronous)</td>
<td>Not Funded</td>
<td>Not Funded unless postsec dual enrollment agreement</td>
<td>Not Funded unless postsec dual enrollment agreement</td>
</tr>
</tbody>
</table>
### CTE Course Delivery Determination

- Criteria used to determine if courses eligible for virtual delivery

<table>
<thead>
<tr>
<th>Standards / Competencies</th>
<th>Types of Activities</th>
<th>Facilities &amp; Equipment Needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual Credit</td>
<td>Certification Requirements</td>
<td>Level of Course</td>
</tr>
</tbody>
</table>
CTE Funding Guidance

- Students should be enrolled and participating in a funding eligible course delivery model on or before the week of October 5th.
- Individual enrollments can now be identified as virtual, hybrid, online, in-person.
- Schools will still be eligible for funding if they are closed due to Executive Order or by their local health department.
- Student’s may earn high school credit regardless of the course delivery model.
CTE Funding Questions

- How will the 85% vs. 100% funding decision by the SBOE impact CTE funding?
- The conversation regarding the 85% vs. 100% funding relates directly to the amount of basic tuition support funding available to schools for all student enrollments.
- CTE enrollments and funding is determined via a different mechanism, and are not impacted by any action regarding IC 20-43-6-3c.
- CTE enrollment numbers will be due October 9th and may be adjusted through October 23rd.
Questions:
Contact Us

- Anthony Harl, Assistant Director of CTE – Programs, aharl1@gov.in.gov
- Chris Deaton, Assistant Director of CTE – Data and Accountability, chdeaton@gov.in.gov
- PJ McGrew, Executive Director of GWC, pamcグrew1@gov.in.gov
2. General Overview Timeline new CTE course titles and descriptions
Only 48.5% of Hoosiers have attained a post-secondary certificate or diploma, ranking IN #35 in the nation.

Roughly 540,000 Hoosiers have begun college but have no credential to show for it.
It’s Time to Rethink CTE!

Why...

- isn’t high quality CTE available for all students?
- doesn’t CTE give HS students the chance to master the same skill set?
- don’t dual credits align and lead to specific certificates and degrees?
- can’t more HS CTE students earn a stackable credential before they graduate?
Vision

Any HS student that chooses will have the opportunity to graduate high school with the ability to enter the workforce in a middle skilled entry-level position in a career path or transition to postsecondary with reduced time to complete their degree.

This will be accomplished by:

• HS students ability to progress further down a career path via coursework;
• Reduced duplication of education and training in the transition from K-12 to postsecondary; and
• Better aligning programs to middle- and high-skilled occupations.
Paradigm Shift #1
Secondary CTE can be more than exploration

CTE can provide BOTH exploration AND preparation.

Education has evolved in the last 20 years.

CTE is an early college program.

Missed opportunities for the students that need it most.
Paradigm Shift #2
Stackable Credentials Matter

- Career Training is a Lifelong Endeavor
- Validates Learning
- Portability of Credentials
- Job vs Career—Opportunities to Advance
- Research shows that more education and training = higher wages, greater opportunities.
Redesign Criteria

- Pathways aligned to Middle and High Skill occupations.
- Improve quality and consistency of CTE Programming.
- CTE Concentrator = More employable and enrollable
- Meet the two advanced course definition.
- Students can earn up to one year’s worth of postsecondary credentials while in high school.
- Maintain flexibility in local delivery
# Career Pathway Framework

## Middle School CTE Courses
- **Principles**
  - 2 Credits

## Preparation for College and Careers
- **Concentrator A**
  - 2 Credits
- **Capstone Course**
  - 2-6 Credits
  - Embedded WBL Capstone Options

## Introductory and Related Courses
- **Concentrator B**
  - 2 Credits
- **College Level Academic Courses**

## Outcomes
- **Discover Yourself**
  - Explore Career Clusters
  - CTE Concentrator Industry Certifications Short Term Certificate
- **Grad Pathway Reqs**
  - Adv Industry Certs TC/CG
- **Associates Bachelors**
- **Take Full Advantage of Program of Study**
  - Semi-Skilled Occupation
  - Middle Skilled Occupation
  - High Skill & Professional Occupations

## Postsecondary Education and Training
- Community College or University
- Apprenticeships
# Program of Study Course Sequence

## Architecture and Construction: Construction Trades - Carpentry

<table>
<thead>
<tr>
<th>Principles</th>
<th>Concentrator A</th>
<th>Concentrator B</th>
<th>Capstone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Principles of Construction Trades</td>
<td>General Carpentry</td>
<td>Carpentry Framing &amp; Finishing</td>
<td>Construction Trades Capstone</td>
</tr>
<tr>
<td>2 credits</td>
<td>2 credits</td>
<td>2 credits</td>
<td>2-6 credits</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Introductory and Related Courses</th>
<th>Academic Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparing for College and Careers</td>
<td>Technical Math</td>
</tr>
<tr>
<td>Introduction to Construction</td>
<td>Communications/Speech</td>
</tr>
<tr>
<td></td>
<td>English Composition</td>
</tr>
</tbody>
</table>

Dual Credit - Each 2 credit course is aligned to up to 6 dual credits.
Certifications – Where appropriate, each course will be aligned to industry recognized certifications.
Advantages

- A CTE Concentrator is comparable for each pathway and students can more easily transfer across districts.
- Students have opportunities to explore multiple pathways.
- Pathway Capstone course will provide an opportunity to complete technical courses for TC/CG or customize.
- Each Program of Study will help students meet WBL requirements and at least 3 graduation pathways options.
What will stay the same?

- Perkins V CTE Concentrator definition
- Perkins V Career Pathways
- Current CTE funding model
- Flexibility to be offered at all schools
## Delivery Models

### Traditional High School Program of Study

<table>
<thead>
<tr>
<th>Freshmen</th>
<th>Sophomore</th>
<th>Junior</th>
<th>Senior</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prep for College &amp; Careers</td>
<td>Principles of Healthcare</td>
<td>Healthcare Fundamentals</td>
<td>Healthcare Specialist Capstone-2-6 credits</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Healthcare Specialist: CNA</td>
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</table>

### Half-Day Program of Study

<table>
<thead>
<tr>
<th>Freshmen</th>
<th>Sophomore</th>
<th>Junior</th>
<th>Senior</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prep for College &amp; Careers - 1 cr</td>
<td>Introduction Health Sciences</td>
<td>Principles of Healthcare-2 credits</td>
<td>Healthcare Specialist Capstone-2-6 credits</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Healthcare Fundamentals-2 credits</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Healthcare Specialist: CNA-2 credits</td>
<td></td>
</tr>
</tbody>
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Career Guide

Why CTE?
CTE Offers
Work-Based Learning
Grad Pathways
NL Programs of Study
Career Planning
Next Level Programs of Study Pilot Programs

- 12 Schools awarded up to $50,000 to offer a Next Level Programs of Study during the fall of 2020-2021.

- Implementation Grant recipients were selected from implementation plans submitted by 30 schools and career centers.
Next Level Programs of Study
Pilot Programs

- One of the goals of Next Level Programs of Study was to create consistency between the programs at different sites.

- Implementation Grant Recipients:
  - Represent schools and career centers
  - Urban and Rural schools
  - Traditional CTE programs to State Earn and Learns
# Next Level Programs of Study Pilot Programs

<table>
<thead>
<tr>
<th>School / Career Center - Pathway</th>
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<tbody>
<tr>
<td><strong>Blue River Career Programs</strong></td>
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<tr>
<td>Automation &amp; Robotics</td>
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<tr>
<td>Civil Construction</td>
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<tr>
<td><strong>Perry Central High School</strong></td>
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<tr>
<td>Construction Trades</td>
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<td></td>
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<tr>
<td><strong>Manchester Comm Schools</strong></td>
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<tr>
<td>Business Administration</td>
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<tr>
<td><strong>Indianapolis Public Schools</strong></td>
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<tr>
<td>Healthcare Spec/Pre-Nursing</td>
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Next Level Programs of Study
Pilot Programs

- Pilot Programs will serve as models for statewide rollout of Next Level Programs of Study in 2021-2022.

- Lessons learned will help to ensure an effective statewide transition to Next Level Programs of Study.
Next Level Programs of Study
Pilot Programs

- Already paying dividends:
  - Frequently Asked Questions
  - Resource Development
  - Dual Credit Agreements
Next Level Programs of Study Timeline

**August - September 2020**
- Pathways and 2021-2022 Course Titles and Descriptions

**Sept – Oct 2020**
- CTE Dual Credit Crosswalk for 2021 - 2022
- Career Guide
- Pilot Program Monitoring

**November – Mid Dec 2020**
- Regional Implementation Workshops
- FAQ and Implementation Resources

**Jan – Feb - March 2021**
- Course Standards for all courses
- Middle School Courses

**Spring – Summer 2021**
- Professional Development for Instructors and School Counselors
Questions: Contact Us

- Anthony Harl, Assistant Director of CTE – Programs, aharl1@gov.in.gov
- Enjema Beckley, Career Specialist, ebeckley@gov.in.gov
- PJ McGrew, Executive Director of GWC, pamcrgrew1@gov.in.gov
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