



The Power of Data – Making the Case for Tech Prep

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“Making the Case for Tech Prep”

- ☞ Respond to Perkins Legislation

- ☞ Sec. 113 State Performance Measures and Core Indicators

- ☞ Sec. 203(c) Contents of a Tech Prep Program and (e) Indicators of Performance and Accountability

- ☞ Sec. 205 Effectiveness of a Tech Prep Program

- ☞ To use data to identify what is working and what needs improvement.

- ☞ Accountability!



Section 113. Accountability

- Perkins IV requires data to be collected for career and technical education “ Core Indicators of Performance”:
 - Student attainment career and technical skill proficiencies
 - Student attainment industry-recognized credential, certificate, or degree
 - Student retention (PS, transfer, BS)
 - Student placement
 - Student participation



Sec. 203(e) Tech Prep Program Indicators of Performance and Accountability

- Indicators of performance at secondary and postsecondary level identified
 - STP = Secondary Tech Prep
 - PTP = Postsecondary Tech Prep
- Levels of performance identified for each indicator, expressed in percentage and numerical form



Perkins IV

- Definitions

- Postsecondary Education Tech Prep Student

- "A student who has completed the secondary education component of a tech prep program; and
- Has enrolled in the postsecondary education component of a tech prep program at an institution of higher education described in clause (i) or (ii) of section 203(a)(1)(B)"

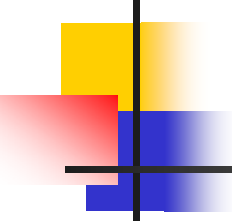
- Secondary Education Tech Prep Student

- "A student who has enrolled in 2 courses in the secondary education component of a tech prep program"



Perkins IV - Indicators of Performance (SEC. 203. Tech Prep Program, Indicators of Performance and Accountability)

- (A) The number of secondary education tech prep students and postsecondary education tech prep student served.
- (B) The number and percent of secondary education tech prep students enrolled in the tech prep program who
 - (i) enroll in postsecondary education;
 - (ii) enroll in postsecondary education in the same field or major as the secondary education tech prep students were enrolled at the secondary level;
 - (iii) complete a State or industry-recognized certification or licensure;
 - (iv) successfully complete, as a secondary school student, courses that award postsecondary credit at the secondary level; and
 - (v) enroll in remedial mathematics, writing, or reading courses upon entering postsecondary education.



Perkins IV - Indicators of Performance (continued)

- (c) The number and percent of postsecondary education tech prep students who
 - (i) are placed in a related field of employment not later than 12 months after graduation from the tech prep program;
 - (ii) complete a State or industry-recognized certification or licensure;
 - (iii) complete a 2-year degree or certificate program within the normal time for completion of such program; and
 - (iv) complete a baccalaureate degree program within the normal time for completion of such program.



Sec. 205

- “Each eligible agency that receives an allotment under this title annually shall prepare and submit to the Secretary a report on the effectiveness of the tech prep programs assisted under this title.”



Tech Prep Program Outcomes Data

- ☞ Defined – Provides data for each of the eight *Contents of Tech Prep Program* (Title II Tech Prep Education , Sec.203 Tech Prep Program) required in a state's five-year plan.
- ☞ Often reports quantitative data.
- ☞ Typically does not report “student” data.



Tech Prep Student Outcomes Data

- ➡ Defined – Changes that occur with students as a result of participating in an educational experience (e.g. Tech Prep).
- ➡ Addresses *Indicators of Performance and Accountability* (Title II Tech Prep Education Sec.203 Tech Prep Education).
- ➡ Provides data for accountability.



Reporting “Effectiveness”

- Quality Indicators (refer to handout)
 - Matrix is developed to reflect current and future Tech Prep practices and accountability
 - Matrix crosswalks with Perkins IV and Core Indicators
 - Five Quality Indicator Components
 - Accountability/Sustainability
 - Student Opportunities
 - Curriculum
 - Articulation
 - Professional Development



Reporting Effectiveness

- Rubric (refer to handout)
 - Identifies *Implementation Stage*
 - Criterion
 - Remediation
 - Related Employment
 - Persistence (Completion)
 - Return on Investment (Articulation/Concurrent Enrollment Credit)
 - Credential Attainment
 - Educational Relevance
 - Action Plan for Implementation



“The Power of Data”

- NATPL Legislative Public Policy “Hill Visit” (June, 2009)
- Future Funding of Perkins and Tech Prep
 - Combined vs. Separate Funding
- Programs of Study (POS)
 - Crosswalk of NATPL Rubric and POS
- Accurate and Consistent Tech Prep Data



Program of Study - Rubric

Criterion

1. Collaboration
2. Validation
3. Work Based Activities
4. Knowledge Based Decision Making
5. Return on Investment
6. Credential Attainment
7. Evaluation
8. Education Relevance



Legislative Public Policy – Program of Work 2009-2010

- December 2009
 - Survey State Tech Prep Directors from Separately Funded States
- March 2010
 - Review Perkins State Plans
- June 2010
 - Hill Visits



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