

Career and Technical Education

Compiled by Patricia Reichert, April 2012

www.legis.wisconsin.gov/lrb/pubs/tapthepower.htm

Career and technical education (CTE) is the evolution of the vocational track in high school and combines academic learning with skills learning. CTE can prepare a student for a job out of high school or lay a foundation for higher education. This *Tap the Power* focuses on CTE and other technical and job training options such as apprenticeships, private postsecondary schools, community colleges, and the Wisconsin Technical College System.

***America's Forgotten Middle-Skill Jobs: Education and Training Requirements in the Next Decade and Beyond* / Harry J. Holzer and Robert I. Lerman, Workforce Alliance. November 2007.** Workforce Alliance is now National Skills Coalition and this paper was written for its Skills2Compete Campaign.
www.nationalskillscoalition.org/assets/reports-/americasforgottenmiddlekilljobs_2007-11.pdf

***Apprenticeship in Wisconsin: Fulfilling the Needs of Industry* / Wisconsin Bureau of Apprenticeship Standards. 2005. (374.66/W7f1/2005)**
[2003 ed.] <http://dwd.wisconsin.gov/dwd/publications/dws/apprenticeship/apprenticebooklet.pdf>

***Beyond Basic Skills: State Strategies to Connect Low-Skilled Students to an Employer-Valued Postsecondary Education* / Center for Postsecondary and Economic Success, CLASP. March 2011.** This paper describes strategies states can use to connect lower-skilled adults to the education needed to advance in the labor market. www.clasp.org/admin/site/publications/files/Beyond-Basic-Skills-March-2011.pdf

Biennial Report / Wisconsin Technical College System. 2009-11. (374.601/W7c6/2009-11)
www.wtcsystem.edu/reports/pdf/biennial2009_11.pdf

***Career and Technical Education in Wisconsin's New Economy: Challenges and Investment Imperatives* / L. Allen Phelps, Consortium for Policy Research in Education at the UW-Madison. April 23, 2006.** http://cpre.wceruw.org/finance/Phelps_Career_Technical_Ed_April_23_06_final.pdf

***Career and Technical Education: States Have Broad Flexibility in Implementing Perkins IV* / U.S. Government Accountability Office. 2009. (374.67/X)** "Perkins IV" is short for the Carl D. Perkins Career and Technical Education Improvement Act of 2006 which funds states' secondary and postsecondary CTE programs. Passed in 1984 and reauthorized in 1990, 1998, and 2006.
<http://purl.access.gpo.gov/GPO/FDLP546>

"Career Colleges: Do They Take Advantage of Low-Income Students?" / CQ Press, CQ Researcher, January 7, 2011, v. 21, no. 1. (374.607/C761) A government investigation found low graduation rates and high debt levels at for-profit schools. But will tighter federal financial aid regulations block potential students from the training they need?

"The Carl D. Perkins Career and Technical Education (CTE) Act of 2006 and the Roles and Responsibilities of CTE Teachers and Faculty Members" / Mark D. Threton, Journal of Industrial Teacher Education, v. 44, no. 1, Spring 2007. Aimed at educators but has a good summary of the history of the Perkins Act.
<http://scholar.lib.vt.edu/ejournals/JITE/v44n1/threton.html>

"High School Career and Technical Education" / Lamar Bailey, NCSL Legisbrief, v. 17, no. 20, April/May 2009. (328/N21h/pt.6)

***The Perkins Act of 2006: Connecting Career and Technical Education with the College and Career Readiness Agenda* / Achieve, Inc. January 2008. (Policy Brief)** Reviews the Perkins Act and how it fits with Achieve, Inc.'s American Diploma Project.
www.achieve.org/files/Achieve-CTEPolicyBrief-02-07-08.pdf

***A Political History of Vocational, Technical and Adult Education in Wisconsin* / Kathleen A. Paris, Wisconsin Board of Vocational, Technical and Adult Education. 1985. (374.6/W7f)**
This book grew out of a feature article from the 1981 *Wisconsin Blue Book*.

***Retooling Career Technical Education* / National Governors Association, Center for Best Practices. June 11, 2007. (Issue Brief)**
www.nga.org/files/live/sites/NGA/files/pdf/0706TECHED.PDF

2010 Graduate Follow-Up Report / Wisconsin Technical College System Board. April 2011. (374.603/W731/2010)
www.wtcsystem.edu/reports/data/graduate/pdf/complete_report.pdf

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Up to the Challenge: The Role of Career and Technical Education and 21st Century Skills in College and Career Readiness / Association for Career and Technical Education, National Association of State Directors of Career Technical Education Consortium, and Partnership for 21st Century Skills. 2010. http://p21.org/storage/documents/CTE_Oct2010.pdf

“The Value of a College Education: Is a Four-Year Degree the Only Path to a Secure Future?” / CQ Press, *CQ Researcher*, November 20, 2009, v. 19, no. 41. (377.12/C761) Is a four-year degree necessary for financial security, are high school CTE programs adequately preparing students, and can community colleges meet rising demands are the questions asked in this issue.

Wisconsin Technical College System / Wisconsin Legislative Fiscal Bureau. 2011. (Informational Paper 34) (374.607/W7d/2011) An overview of system organization, programs, enrollments, and finance.

http://legis.wisconsin.gov/lfb/publications/Informational-Papers/Documents/2011/34_Wisconsin%20Technical%20College%20System.pdf

Wisconsin Workforce Investment Act Annual Report / Wisconsin Department of Workforce Development and Wisconsin Governor’s Council on Workforce Investment. 2010-11.

http://dwd.wisconsin.gov/dwdwia/PDF/annual_report2010.pdf

Wisconsin Youth Apprenticeship Program Operations Manual / Wisconsin Youth Apprenticeship Program. December 2008.

http://dwd.wisconsin.gov/dwd/publications/dws/youthapprenticeship/detw_9654_p.pdf

Workforce Development: Community Colleges and One-Stop Centers Collaborate to Meet 21st Century Workforce Needs / U.S. Government Accountability Office. 2008. (374.5/X3)

<http://purl.access.gpo.gov/GPO/LPS94925>

Related Web Sites

Association for Career and Technical Education (ACTE):

- www.acteonline.org/
Founded in 1926, it is the largest national education association dedicated to the advancement of education that prepares youth and adults for successful careers. Dissemination arm of the National Research Center for Career and Technical Education.
- www.acteonline.org/stateprofiles.aspx
CTE State Profiles.
- www.acteonline.org/ctehistory.aspx
History of CTE: A collection of articles from the Association’s magazine *Techniques*.

National Research Center for Career and Technical Education (NRCCTE): www.nrccte.org

“The NRCCTE works to improve the engagement, achievement, and transition of high school and postsecondary CTE students through technical assistance to states, professional development for CTE practitioners, and dissemination of knowledge derived from scientifically based research.” — Mission statement

National Skills Coalition: www.nationalskillscoalition.org/federal-policies/workforce-investment-act/

Workforce Investment Act: Replaced the Job Training Partnership Act (JTPA) and is up for reauthorization in 2012.

U.S. Department of Education, Office of Vocational and Adult Education:

- <http://www2.ed.gov/about/offices/list/ovae/index.html>
The Division of Academic and Technical Education administers the Carl D. Perkins Career and Technical Education Act (Perkins Act).
- <http://www2.ed.gov/about/offices/list/ovae/pi/cclo/index.html>
Community Colleges: Includes links to the 2010 White House Summit on Community Colleges.

Wisconsin Department of Public Instruction

- <http://dpi.wi.gov/cte/index.html>
Career and Technical Education: Prepares students for all post-high school opportunities. A curriculum-based career awareness, exploration, planning, and preparation program.
- <http://dpi.wi.gov/cte/workbase.html>
Workbased Education: From apprenticeships to job shadowing; some programs offer an opportunity to earn postsecondary credits concurrently with high school credits.

Wisconsin Department of Workforce Development

- <http://dwd.wisconsin.gov/apprenticeship/>
Bureau of Apprenticeship Standards.
- <http://dwd.wisconsin.gov/youthapprenticeship/>
Youth Apprenticeship program, part of the statewide School-to-Work initiative.
- <http://dwd.wisconsin.gov/dwdwia/>
Workforce Investment Act (WIA).

Wisconsin Educational Approval Board (EAB):

<http://eab.state.wi.us/resources/schoolsprogram.asp>

Private postsecondary schools and programs approved by EAB and includes specialty schools, like a driver training program, to private universities.
