

**Index to Volume 34 of the
*Journal of Industrial Teacher Education***

From the Editor

- Custer, R. L. (1996). Professional generosity. *Journal of Industrial Teacher Education, 34*(1), 3-6.
- Custer, R. L. (1997). Qualitative research. *Journal of Industrial Teacher Education, 34*(2), 3-6.
- Custer, R. L. (1997). Selecting topics for research. *Journal of Industrial Teacher Education, 34*(3), 3-5.
- Custer, R. L. (1997). In appreciation. *Journal of Industrial Teacher Education, 34*(4), 3-4.

Refereed Articles

- Cantor, J. A. (1997). Registered pre-apprenticeship: Successful practices linking school to work. *Journal of Industrial Teacher Education, 34*(3), 35-58.
- Cash, J. R., Behrmann, M. B., Stadt, R. W., & Daniels, H. M. (1997). Effectiveness of cognitive apprenticeship instructional methods in college automotive technology classrooms. *Journal of Industrial Teacher Education, 34*(2), 29-49.
- Chinien, C. A., Boutin, F., & Letteri, C. (1997). Empowering at-risk students to stay in school using a cognitive-based instructional systems. *Journal of Industrial Teacher Education, 34*(4), 42-63.
- Custer, R. L. (1996). Preparation and certification standards for trade and industrial education teachers: Background and context. *Journal of Industrial Teacher Education, 34*(1), 7-10.
- Frantz, N. R., Friedenber, J. E., Gregson, J. A., & Walter, R. A. (1996). The rationale in support of the standards. *Journal of Industrial Teacher Education, 34*(1), 41-66.
- Frantz, N. R., Gregson, J. A., Friedenber, J. E., Walter, R. A., & Miller, A. J. (1996). Standards of quality for the preparation and certification of trade and industrial (T&I) education teachers. *Journal of Industrial Teacher Education, 34*(1), 31-40.
- Gagel, C. W. (1997). Literacy and technology: Reflections and insights for technological literacy. *Journal of Industrial Teacher Education, 34*(3), 6-34.

- Galluzzo, G. R. (1996). The standards have come. *Journal of Industrial Teacher Education, 34(1)*, 11-18.
- Jones, K. H., Womble, M., & Searcy, C. A. (1997). T&I education students' perceptions of courses. *Journal of Industrial Teacher Education, 34(2)*, 82-101.
- Knoll, M. (1997). The project method: Its vocational education origin and international development. *Journal of Industrial Teacher Education, 34(3)*, 59-81.
- Lewis, T. (1997). Impact of technology on work and jobs in the printing industry—Implications for vocational curriculum. *Journal of Industrial Teacher Education, 34(2)*, 7-28.
- Lynch, R. L. (1996). Trade and industrial education standards of quality: A reaction. *Journal of Industrial Teacher Education, 34(1)*, 67-74.
- McNabb, J. G. (1997). Key affective behaviors of students as identified by a select group of secondary teachers using the SCANS categories. *Journal of Industrial Teacher Education, 34(4)*, 29-41.
- Moss, J. (1996). Trade and industrial education standards of quality: A reaction. *Journal of Industrial Teacher Education, 34(1)*, 75-82.
- Pucel, D. J., & Flister, S. (1997). The current status and future of industrial teacher education and non-teacher education programs in institutions of higher education. *Journal of Industrial Teacher Education, 34(4)*, 64-79.
- Satchwell, R. E. (1997). Using functional flow diagrams to enhance technical systems understanding. *Journal of Industrial Teacher Education, 34(2)*, 50-81.
- Schell, J. W., & Black, R. S. (1997). Situated learning: An inductive case study of a collaborative learning experience. *Journal of Industrial Teacher Education, 34(4)*, 5-28.
- Walker, T. J., Gregson, J. A., & Frantz, N. R. (1997). Standards of quality for programs that prepare and certify trade and industrial (T&I) education teachers: The need and key issues. *Journal of Industrial Teacher Education, 34(1)*, 19-30.

At Issue

- Boyle, M. A., & Crosby, R. (1997). Academic program evaluation: Lessons from business and industry. *Journal of Industrial Teacher Education, 34(3)*, 31-85.

- Chung, S. P. (1996). Looking beyond exemplary programs: A response to Hill, Wicklein, and Daughtery. *Journal of Industrial Teacher Education*, 34(1), 83-87.
- Flesher, J. W. (1997). A conceptual framework for research agenda development. *Journal of Industrial Teacher Education*, 34(2), 102-105.
- Gray, K. (1997). Seeking a "tie that binds": Integrating training & development/human resource development and teacher preparation. *Journal of Industrial Teacher Education*, 34(4), 80-86.

Comments

- Frantz, N. F. (1997). The contributions of Booker T. Washington and W.E.B. Dubois in the development of vocational education. *Journal of Industrial Teacher Education*, 34(4), 87-92.
- Gray, K. (1997). Eighteenth annual Outstanding Manuscript Award recipients: *Journal of Industrial Teacher Education*, 34(3), 99-102.
- Zargari, A. (1997). Vocational-technical education's role in welfare reform: Providing employability skills for welfare recipients. *Journal of Industrial Teacher Education*, 34(3), 86-94.

Under Review

- Bjorkquist, D. C. (1996). Managing in a time of great change. *Journal of Industrial Teacher Education*, 34(1), 88-95.
- Hall, T. (1997). Once upon a campus: Lessons for improving quality and productivity in higher education. *Journal of Industrial Teacher Education*, 34(2), 106-110.
- Kenny, J. M., & Gilpin, W. L. (1997). The future of capitalism. *Journal of Industrial Teacher Education*, 34(3), 95-98.
- Wright, J. R., Jr. (1997). Multimedia for decision makers. *Journal of Industrial Teacher Education*, 34(4), 93-94.

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