

Technical Vocational Initiative

Update - September 2008

This initiative is jointly sponsored by Manitoba Advanced Education and Literacy (AEL), Manitoba Education, Citizenship and Youth (ECY) and Manitoba Competitiveness, Training and Trade (CTT). Technical Vocational Education (TVE) is an important part of the educational structure and plays a major role in developing a flexible and well-educated work force to address current and emerging industry and labour-market needs and allow Manitoba to compete globally.

For the 2008-2009 school year the Technical Vocational Initiative (TVI) has provided:

- \$700.0 for equipment upgrades to schools,
- \$100.0 for teacher professional development,
- \$535.0 for provincial demonstration projects, including a northern regional project and CATIA Engineering Design Hub School project.

Current Status

- Thirty (30) demonstration projects in twenty-one (21) school divisions funded for the 2008-2009 school year
- Thirty-six (36) equipment upgrade grants to schools in sixteen (16) school divisions approved for support for 2008-2009.
- A Demonstration Project – Best Practices catalogue is being developed.
- “NorMan Consortium” (Frontier, Kelsey and Flin Flon School Divisions, Opaskwayak Cree Nation Education Authority and University College of the North (UCN)) regional project, now entering its second year, funded by TVI to develop innovative technical vocational education and training pathways for students in the region.
- Implemented CATIA V5 project (\$7.5 million commercial software value) in ten (10) schools, Assiniboine Community College (ACC), Red River College, University of Manitoba Faculty of Engineering. Formula 1 “(F1) in Schools” project is being implemented as part of project outcome.
- All schools offering Automotive Technology, Red River College (RRC), Assiniboine Community College (ACC) and University College of the North (UCN) have been provided with three(3) year, state-of-the-art, online CDX curriculum support
- In partnership with Instruction, Curriculum and Assessment Branch (ICAB) of Education, Citizenship & Youth provided regional in-servicing and 300 “New Real Game” career exploration kits to Manitoba middle years schools

Ongoing Activities

- Develop programming opportunities to initiate innovative design, development and production projects among school, post-secondary and industry partners.
- Continue to promote a positive and realistic image of modern technical vocational education.
- Facilitate the development of regional partnerships to promote and implement community-based action related to teaching essential skills and expanding technical vocational programming.
- Develop articulated technical vocational program pathways between secondary and post-secondary institutions as well as business and industry.

- Promote and support innovative professional development opportunities and models for vocational teachers.
- Provide professional development sessions related to the implementation of new technical vocational program learning resources and curriculum updates.
- Support the efforts of the Technical Vocational Education Advisory Committee (TVEAC) by providing relevant information on trends and issues in technical vocational education and assist in the development and implementation of appropriate recommendations.
- Support schools'/divisions' efforts to promote and implement the Senior Years Apprenticeship Option (SYAO) as an additional delivery model for technical vocational training opportunities for Manitoba youth.
- Continue efforts to strengthen coherence across its high school, apprenticeship and post-secondary education (PSE) delivery systems. The Technical Vocational Initiative plays a major facilitative role in the successful and enhanced delivery of technical vocational education across the Province, creation of important education/industry partnerships, and setting the stage for an outcomes-based, standards-driven articulated technical vocational education system across high schools and colleges.