

# Richardson Associates (1993) Limited

- Educational Facility - Project Summary-

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**Project Name: Holland College - Centre for Applied Science and Technology, Charlottetown, Prince Edward Island.**

The new Holland College Centre for Applied Science and Technology was officially opened on the 12<sup>th</sup> of August, 2011. The centre was funded with \$8.5 million from the Province of Prince Edward Island and \$8.5 million from the Federal Government of Canada through the federal Knowledge Infrastructure Partnership.

The building at just over 50,000 square foot is a four storey educational institute and enables the college to double its student population in the Bioscience Technology, Construction Technology, Environmental Applied Science Technology, and Wildlife Conservation Technology programs, as well as to increase enrolment in Practical Nursing, and Para-medicine. The facility has also enabled the College to establish new programs in Heritage Retrofit Carpentry and Energy Systems Engineering Technology.

The CAST building incorporates "Green" technology and boasts a state-of-the-art sustainable and energy efficient design. In addition to the sustainable nature of the building features state-of-the-art building systems such as computer controlled indirect dimmable lighting systems, day-lighting, roof mounted photovoltaic array to supplement the buildings energy consumption, computerized access control and surveillance systems, video conferencing and multimedia conference rooms, fibre optic main data backbone and Local Area Network data systems to name a few. The building will serve as a "Living Laboratory" in which students can study the various systems incorporated into the building's design. The total project cost was approximately \$17,000,000 with a \$1,200,000 electrical construction value.

