

Trenton High School Science Lab Renovations



Client:

Hastings & Prince Edward District
School Board

Location:

Trenton, Ontario

Start Date:

January 2013

Completion Date:

September 2013

Client Contact:

Available upon request

Key Personnel:

Bill Weekes CET RCDD CFOT
Kenji Tan

Services Provided:

- Project Management
- Conceptual Design
- Design Development
- Construction Documents
- Construction Administration
- Commissioning
- Close-Out Documentation

Project Type: Design-Bid-Build

Project Role: In the summer of 2013, Trenton High School underwent a significant renovation of almost two dozen classrooms, teacher preparation rooms, resource rooms and administration area. An entirely new science wing dedicated to biology, chemistry and computer classrooms as well as multi-purpose science classrooms was created. All remaining rooms were repurposed to become general use classrooms.

Fancom provided infrastructure design and construction support for voice, wired, and wireless data, PA, Smartboard and video security systems. A new remote IT room was created to support the new addition's systems and was integrated with all current systems throughout the existing school. Connectivity to wall mounted Smartboards including RGB, VGA, HDMI, USB, and 3.5mm audio ran through the walls and under the floors terminating at the lab counters where teachers and students are able to connect to them.

Systems Designed:

Division 27: Communications

Pathways and Spaces
Grounding and Bonding
Data System Components and Cabling
Voice System Components and Cabling
Public Address System Components and Cabling
Wireless System Components and Cabling

Division 28: Electronic Safety & Security

Video Security