



2017 AWARDS FOR ENGINEERING EXCELLENCE

Award of Merit

Okanagan College – Trades Renewal and Expansion



Consultant

AES Engineering

Prime Consultant

Diamond Schmitt Architects

Owner

Okanagan College

Category

Buildings

The Okanagan College Trades Renewal and Expansion was an ambitious project that not only increased student capacity, but set the task of transforming this aging 1960s Trades Training Centre into an energy neutral, modern learning space. The building sought to bridge the gap between the trades workforce of the '60s, to current trades professionals. Okanagan College laid out their enthusiastic vision of a building that would celebrate the passion and expertise of the occupants while creating an environment that encouraged learning and development. AES Engineering was thrilled to provide electrical engineering and lighting design.

Meeting the architectural vision of an exquisite functional building with multiple components and objectives, required massive collaboration from many team members and disciplines, achievement is evident through completion of the project aligning with projected budget and schedule. Pertinent to the project's success was the "in the moment" solutions to challenges. Technical Excellence and Innovation is best shown through integrated photovoltaic array, energy consumption display board, highly flexible electrical systems, and 3D rendering software used during design phase. The project had aggressive environmental, energy and sustainability targets built to meet LEED Platinum standards, requirements of the Living Building Challenge, Net-Zero energy efficiency, and adhering to Lean Building Construction Model.

For more information, please contact:

Kayla Verigin
AES Engineering Ltd.
☎ (604) 569-6500
kayla.verigin@aesengr.com