

Specialist High Skill Major Programs at JDSS

Specialist High Skill Major programs offer opportunities to explore focused specialty courses and industry recognized certifications. JDSS offers five SHSM options this coming school year.

Information and Communications Technology

This program focuses on diverse career opportunities in the ICT sector, as well as theoretical and practical experiences involving computer systems, software, and digital media (e.g. computer engineering, technical support, electronics, robotics, network engineering, computer programming computer and videogames, simulations, computer animation, web design, design and development). Designed for students studying at all levels and pathways, this career-focused program offers ICT related skills and knowledge and helps students focus on graduation and pursuing post-secondary goals.

Transportation

This program focuses on diverse career opportunities in the transportation industry, as well as theoretical and practical experiences related to transportation, including auto service, agriculture, recreational equipment, and truck/coach heavy equipment. Students are introduced to the designing, manufacturing, and processing of different alternative fuels/energies relating to the transportation industry. This program is suitable for students studying at all levels, who look toward post-secondary goals like apprenticeship, college, university, and/or work.

AND NEW FOR 2018-19!

Construction

This SHSM bundles JDSS's already successful program in Construction Technology. Students focus on home construction, construction modelling, planning, designing, and building construction projects according to the Ontario Building Code. Other opportunities include Skills Canada competitions, tours of colleges and local industries, and community-based projects. This SHSM also offers a rich range of certifications, such as Working At Heights, Confined Spaces, Forklift Training, and Elevated Platforms. Apprenticeship pathways in the construction sector are explored.

Hospitality And Tourism

This SHSM provides students with the necessary resources and skills to contribute to the viable workforce needs of our community, a four-season tourist destination. The program includes courses in cooking and baking, travel and tourism, and food and culture. Additional certifications include First Aid, Food Handlers, Service Excellence, and Smart Serve. Partnered with Georgian College, the University of Guelph, and many community businesses, the program includes various pathways to help students succeed in multiple facets of the food and hospitality sectors.

Manufacturing

This SHSM offers students a number of different manufacturing and manufacturing-related course options to suit students' personal interests in machining, welding, woodworking, automotive, and robotics. Additional certifications include First Aid & CPR, Elevated Platforms, Working At Heights, Confined Spaces, WHMIS, Lockout/Tag Out, Fork Truck, and many other options. These certifications are the same as those that would be provided by industry, and having them provides a distinct advantage when looking for a job or pursuing post-secondary education options. Tours of local factories and college programs help students from all pathways make informed decisions about their futures.

For more information about these programs, contact the Guidance Department.