

MODULE DESCRIPTIONS

Module LOG1010: Logistics

Students identify logistics as a sector in Canada's economy, by describing related subsectors, users and providers of logistics services. Students also identify current and emerging career paths in logistics.

Module LOG1020: Warehouse & Distribute 1

Students explore warehousing and distribution systems as subsectors of logistics and participate in warehousing, materials handling systems, stock placement and documentation activities.

Module LOG1030: Traffic and Transport 1

Students distinguish among modes, vehicles and vessels involved in transportation, identify the advantages and disadvantages of single mode and intermodal usages, and demonstrate basic skills relating to map reading, technology, handling equipment and handling dangerous goods.

Module LOG1040: Purchasing 1

Students identify the role of purchasing, distinguish between public and private purchasing activities, perform expediting activities, and provide service to internal and external customers.

Module LOG2010: Warehouse & Distribute 2

Students examine types of warehousing and develop basic skills in packaging, packing, documentation and materials handling. Students also explore bonding principles and practices and career opportunities within the warehousing and distribution sector.

Module LOG2020: Traffic & Transport 2

Students develop basic skills in tracking, route planning, scheduling, load planning and other competencies related to handling outgoing shipments, including documentation, customs (import and export), weather and climate conditions, and strategies for preventive maintenance in traffic and transportation.

Module LOG2030: Purchasing 2

Students develop an understanding of the principles of locus of control, economies of scale, risk management, surface and hidden costs, tendering and procurement. Students also perform purchasing activities and address related factors, including budgets and inflation, within an organization's decision-making structure.

Module LOG2040: Inventory Management 1

Students identify the role of inventory management and control, and participate in and demonstrate basic abilities to manage and control inventory.

Module LOG3010: Warehouse & Distribute 3

Students develop an understanding and competencies relating to stock movement and placement procedures, product tracking and the use of automated warehouse systems. Students also develop competencies in labelling, containerizing and palletizing items.

Module LOG3020: Traffic & Transport 3

Students explore transport regulations and licencing, and develop competency in planning a route and developing contingency plans.

Module LOG3030: Purchasing 3

Students develop knowledge about contract and business law, supplier quality assurance and performance management. Students also develop negotiation skills and an appreciation for the importance of professional ethics.

Module LOG3040: Inventory Management 2

Students demonstrate competencies relating to product movement and replenishment strategies, budgeting, internal controls and asset recovery.