

MODULE LOG3020: TRAFFIC & TRANSPORT 3

Level: Advanced

Theme: Traffic and Transportation

Prerequisite: LOG2020 Traffic & Transport 2

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

Module Parameters: Access to logistics-related traffic and transportation operations; a driver's licence may be required.

Curriculum and Assessment Standards

Module Learner Expectations	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"> • demonstrate competency in planning a route and developing contingency plans • demonstrate a basic understanding of: <ul style="list-style-type: none"> – equipment handling certification requirements – vendor and carrier licencing and training for dangerous goods – rates and tariffs – liabilities 	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"> • completing, with minimal assistance: <ul style="list-style-type: none"> – route planning – contingency planning • identifying and explaining key items of legislation and licencing that affect the traffic and transportation subsector • comparing rates and tariffs to determine contract rate • explaining liability and insurance requirements and responsibilities. <p><i>Assessment Tool</i> <i>LOG3020: Traffic & Transport 3 Competency Profile and Assessment Checklist</i></p> <p><i>Standard</i> <i>A minimum performance rating of 3 for each applicable area of assessment</i></p>	<p></p> <p>30</p> <p>30</p> <p>20</p> <p>10</p> <p>10</p>

MODULE LOG3020: TRAFFIC & TRANSPORT 3 (continued)

Module Learner Expectations	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"> demonstrate basic competencies. 	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"> observations of individual effort and interpersonal interaction during the learning process. <p><i>Assessment Tool</i> <i>Basic Competencies Reference Guide and any assessment tools noted above</i></p>	<p>Integrated throughout</p>

Concept	Specific Learner Expectations	Notes
Route Planning	<p><i>The student should:</i></p> <ul style="list-style-type: none"> plan a route, using: <ul style="list-style-type: none"> traditional map computerized format develop contingency plans where appropriate. 	
Transport Regulations and Licencing	<ul style="list-style-type: none"> identify and list key: <ul style="list-style-type: none"> transportation regulations and licencing requirements weight restrictions seasonal restrictions jurisdictional restrictions and requirements list licencing required to operate different vehicles and vessels. 	
Equipment Handling	<ul style="list-style-type: none"> identify licencing or certification requirements for each item of transportation equipment or aid initiate procedures to obtain a licence or certificate (where appropriate and necessary) demonstrate consistent ability to safely handle, operate and use various equipment aids relating to traffic and transportation. 	<p>Students must be made aware of legislation and regulations relating to equipment usage or operations.</p> <p>Check need for students to become certified as licenced before using or operating specific equipments or aids.</p>

MODULE LOG3020: TRAFFIC & TRANSPORT 3 (continued)

Concept	Specific Learner Expectations	Notes
Dangerous Goods	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • identify and ensure that the vendor and carrier has the necessary licencing and training to handle and transport dangerous goods • demonstrate consistently the safe handling, storage and transportation of dangerous goods. 	
Rates and Tariffs	<ul style="list-style-type: none"> • identify and describe transportation rates and tariffs • demonstrate ability to compare present proposed rates to the previous contract rate • assist in determining the contracted rate taking into account: <ul style="list-style-type: none"> – market prices – costs of the supplier – customer needs. 	
Liabilities	<ul style="list-style-type: none"> • identify liability assumed by different modes of carriers • identify and describe: <ul style="list-style-type: none"> – Workers' Compensation Board (WCB) requirements – insurance requirements • identify damage claimable: <ul style="list-style-type: none"> – items – procedures – documents • assist in completing damage claim documents • identify and report shipment over/shorts • explain the use of Bill of Lading and liabilities, and Freight on Board (FOB) • describe applications of Freight on Board statements; e.g.: <ul style="list-style-type: none"> – payment for carriage – selection of courier – limits of liability. 	

MODULE LOG3020: TRAFFIC & TRANSPORT 3 (continued)

Concept	Specific Learner Expectations	Notes
Career Opportunities	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • identify and describe requirements for entry into a traffic and transportation career as a: <ul style="list-style-type: none"> – account manager – licencing/operations assistant – rates analyst – broker – fleet manager – terminal manager – transportation specialist. 	<p>Include a wide variety of requirements; e.g.:</p> <ul style="list-style-type: none"> • academic • technical • teamwork • communication • numeracy.