

FOREST UTILIZATION

FOR 229 - 3

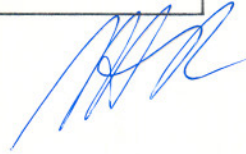
TOPIC NO.	PERIODS	TOPIC INFORMATION
1	9	Harvesting Work Elements (continued)
		b) <u>Movement of logs from the stump to the road side or water</u>
		1) Skidding
		<ul style="list-style-type: none"> - animal - truck - tractor - rubber track tractor - tractor and arch - cable skidding (yarding) <ul style="list-style-type: none"> - tree lengths - bundle yarding - single drum - double drum - wheeled skidder <ul style="list-style-type: none"> - centre articulated rubber tired skidder - mechanical drive features - factors in logging influenced by the wheeled skidder - operating conditions that influence production - effect of volume per load and distance on total time per unit station - correct and incorrect choking procedures - summary of basic skidding rules - chokerless skidding <ul style="list-style-type: none"> - time involved in choking winching and unchoking - intent of chokerless skidding - types of equipment <ul style="list-style-type: none"> - self loading - hydraulic grapple - application
		2) Bunching
		<ul style="list-style-type: none"> - definition - purpose - devices

CAMBRIAN COLLEGE
of Applied Arts and Technology
Sault Ste. Marie

COURSE OUTLINE

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TOPIC NO.	PERIODS	TOPIC INFORMATION
3	14	<p>V. <u>Logging Field Trip</u></p> <p>a) A report is made of the trip showing staffing, camp, crew equipment, work element, production transportation, products and other features.</p> <p>b) Logging costs</p> <ul style="list-style-type: none">- Using the field trip reports as a basis all the costs of logging are investigated and outlined by each student.
4	6	<p>VI. <u>Time and Cost Studies</u></p> <p>a) Purpose</p> <p>b) Considerations in determining machine rates (operating costs)</p> <ol style="list-style-type: none">1) Computation of<ul style="list-style-type: none">- depreciation- interest taxes and insurance- average investment2) Machine operating costs<ul style="list-style-type: none">- Fixed costs<ul style="list-style-type: none">- definition- depreciation- license and insurance- interest on average investment- operating wages- Variable costs<ul style="list-style-type: none">- definition- tires and tracks- repairs and maintenance- fuel, oil and lubricant <p>- Operating costs = Fixed and variable</p>