SAULT COLLEGE

OF AFFLIED ALTS and TICHIOLOGY MURSH RACKS

Sault Ste. Marie

Forest Mensuration

FOR. 203- 8 M

sampling in forest inventories, point-sample cruising and forest inventory methods.

course outline tables, sample graphical techniques.

FOREST MENSURATION FOR 203-54

revised February 1978 by J. Wiskin

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CALENDAR RESUME

Forest Mensuration

FOR 203-54

Sampling in forest inventories, point-sample cruising and forest inventory methods.

Tree and log volumes, volume tables, simple graphical techniques.

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FOREST MENSURATION

FOR 203-5

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Natural Resources Measurements - by T. E. Avery moldsupe appearance mont emuloy isool a doubteness of

 An application of point-sampling techniques and use of normal yield tables in forest sampling.

Objectives:

- 1. to apply point-sampling techniques in the field.
- 2. to measure average stand age and stand height.

3. to determine, from Plonski's Normal Yield Tables, such stand conditions as: working group species composition basal area per unit area stocking site class volume current annual increment

- 4. to prepare a forest stand map of the area cruised.
- II. Volume of trees and stands

Objectives:

- 1. to compute volumes of logs and trees (a) graphically (b) from Swalian's, Huber's and Newton's formulae
- 2. to express graphic relationships between two variables
- 3. to draw and balance a curve through a set of points.
- 4. to construct a local volume table from the graphic relationship between height and diameter.

FOREST MENSURATION

FOR 203-5

5. to construct a form class volume table using taper tables.

6. to construct a local volume from a regression equation.

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- 2. to measure average stand age and stand herokt
- . to determine, from Plonski's Normal Yield Tables, such stand conditions as:
 - Morking group
 - HOLD SOCIAL SALDAGE
 - The Strand The Date There
 - Furner
 - - aum rox
 - surrent annual increment
 - . to prepare a forest stand map of the area cruised.

I. Volume of trees and stands

Objectives:

- to compute volumes of logs and trees (a) graphically (b) from Siglis-Huber's and Newton's formulae
 - . to express graphic relationships between two variables
 - to draw and balance a curve through a cot of points
- to construct a local volume table from the graphic relationship in the property of the second diameter.