

**TOTAL EXAMINATION PROGRAM**  
**PEO Syllabus of Examinations, 2004 Edition**

**FOREST ENGINEERING**

**INTRODUCTION**

A full set of Forest Engineering examinations consists of the following, three-hour examination papers and an engineering report. Candidates will be assigned examinations based on an assessment of their academic background. Examinations from discipline syllabi other than those specific to the candidates' discipline may be assigned at the discretion of PEO's Academic Requirement Committee.

**BASIC STUDIES EXAMINATIONS**

04-BS-1	Mathematics
04-BS-2	Probability and Statistics
04-BS-3	Statics and Dynamics
04-BS-4	Electric Circuits and Power
04-BS-5	Advanced Mathematics
04-BS-6	Mechanics of Materials
04-BS-7	Mechanics of Fluids
04-BS-9	Basic Electromagnetics
04-BS-10	Thermodynamics
04-BS-11	Properties of Materials
04-BS-12	Organic Chemistry
04-BS-13	Biology
04-BS-14	Geology
04-BS-15	Engineering Graphics and Design Process

**PROFESSIONAL EXAMS – SPECIFIC TO FOREST ENGINEERING**

**GROUP A**

04-For-A1	Forest Engineering Operations
04-For-A2	Wood Technology
04-For-A3	Forest Soils
04-For-A4	Forest Management
04-For-A5	Forest Hydrology
04-For-A6	Silviculture

**GROUP B**

04-For-B1	Structural Analysis And Design
04-For-B2	Machine Design
04-For-B3	Soils Engineering
04-For-B4	Forest Operations Research
04-For-B5	Wood Properties
04-For-B6	Forest Operations Planning
04-For-B7	Transportation Of Forest Products
04-For-B8	Geomorphology
04-For-B9	Wood Products

**COMPLEMENTARY STUDIES**

98-CS-1	Engineering Economics
98-CS-2	Engineering in Society - Health, Safety, and the Environment
98-CS-3	Management Concepts for Engineers

3.2	Engineering Report
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