

## **Exams for Spring/Summer 2025 (April – July)**

Technical exams for the Spring/Summer 2025 (scheduled April – July 2025) sitting will be written remotely by computer. If you are planning to write at the Spring/Summer 2025 sitting, please be prepared to write as early as April 1, 2025. Exact dates should be made available one to two months prior to the start of the exam sitting.

Important information about the online technical exams will be posted on Engineers and [Geoscientists BC's Status of Online Academic Examinations page](#). This page includes the Candidate Guide, Examination Schedule, eProctor booking, Exam Formats and List of Aids.

You should receive an email invitation to write at the Spring/Summer 2025 sitting by January 2025. Please inform [exams@peo.on.ca](mailto:exams@peo.on.ca) if you do not receive the email invitation by the first week of January 2025. Note: PEO is not responsible for mail delivery.

The Spring/Summer 2025 registration will be open the first week of January 2025 and the deadline is February 3, 2025.

If the exam(s) you are planning to write at the Spring/Summer 2025 sitting are not listed below, send an email to [exams@peo.on.ca](mailto:exams@peo.on.ca) by February 3, 2025, to ensure that the exam(s) will be made available for the Fall/Winter 2025 sitting.

*Last updated October 15/2024*

**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-8**, Digital Logic Circuits

**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 & Design Process

**04-BS-16**, Discrete Mathematics

**11-CS-1**, Engineering Economics

**11-CS-2**, Engineering in Society - Health and Safety

**11-CS-3**, Sustainability, Engineering and the Environment

**11-CS-4**, Engineering Management

**04-Bio-A1**, Biomaterials and Biocompatibility

**04-Bio-A6**, Anatomy and Physiology

**04-Bio-A7**, Fluid Mechanics

**04-Bio-A8**, Biophysical Measurements

**04-Bio-B5**, Cell and Tissue Engineering

**04-Bio-B6**, Bioinstrumentation

**04-Bio-B8**, Rehabilitation Engineering

**07-Bld-A5**, Building Science

**07-Bld-A7**, Building Envelope Design

**16-Chem-A1**, Process Balances and Chemical Thermodynamics

**16-Chem-A2**, Unit Operations & Separation Processes

**16-Chem-A3**, Heat and Mass Transfer

**16-Chem-A4**, Chemical Reactor Engineering  
**16-Chem-A5**, Chemical Plant Design and Economics  
**16-Chem-A6**, Process Dynamics and Control  
**16-Chem-B1**, Transport Phenomena  
**16-Chem-B2**, Environmental Engineering  
**16-Chem-B4/04-Agric-B10**, Biochemical Engineering  
**16-Chem-B5**, Pulp and Paper Technology  
**16-Chem-B6**, Petroleum Refining and Petrochemicals  
**16-Chem-B8**, Polymer Engineering  
**16-Chem-B10**, Life Cycle Assessment

**16-Civ-A1/07-Str-A1**, Elementary Structural Analysis  
**16-Civ-A2/07-Str-A2**, Elementary Structural Design  
**16-Civ-A3**, Elementary Environmental Engineering (national only)  
**16-Civ-A3/07-Wrse-A6**, Municipal and Environmental Engineering (PEO only)  
**16-Civ-A4/07-Str-A3/07-Tra-A6**, Geotechnical Materials and Analysis  
**16-Civ-A5/07-Str-B11**, Hydraulic Engineering  
**16-Civ-A6**, Highway Design, Construction, and Maintenance  
**16-Civ-B1/07-Str-A4**, Advanced Structural Analysis  
**16-Civ-B2/07-Str-A5**, Advanced Structural Design  
**16-Civ-B3/07-Str-B1**, Geotechnical Design  
**16-Civ-B4/07-Wrse-A2**, Engineering Hydrology  
**16-Civ-B5/07-Wrse-B3**, Water Supply and Wastewater Treatment  
**16-Civ-B6**, Urban and Regional Planning

**16-Civ-B7**, Transportation Planning and Engineering

**16-Civ-B8/07-Str-B2**, Management of Construction

**16-Civ-B9/07-Str-A6-1**, The Finite Element Method

**16-Civ-B10**, Traffic Engineering

**16-Civ-B11**, Structural Materials

**16-Civ-B12**, Risk & Safety in Civil Engineering

**16-Civ-B13**, Numerical Methods (Nationals only)

**17-Comp-A3**, Computer Architecture

**17-Comp-A4**, Program Design and Data Structures

**17-Comp-B1**, Advanced Computer Architecture

**17-Comp-B10**, Distributed Systems

**17-Comp-B11**, Advanced Software Design

**17-Comp-B12**, Computer Security

**16-Elec-A1/16-Mex-A2**, Circuits

**16-Elec-A2/17-Phys-B5**, Systems and Control

**16-Elec-A3/17-Phys-B4**, Signals and Communications

**16-Elec-A4/16-Mex-A3/17-Phys-B3**, Digital Systems and Computers

**16-Elec-A5/16-Mex-A2**, Electronics

**16-Elec-A6/16-Mex-B10**, Power Systems and Machines

**16-Elec-A7/17-Phys-A3**, Electromagnetics

**16-Elec-B1**, Digital Signal Processing

**16-Elec-B2/16-Mex-B3**, Advance Control Systems

**16-Elec-B3**, Digital Communications systems

**16-Elec-B4**, Information Technology Networks

**16-Elec-B5**, Advanced Electronics

**16-Elec-B6**, Integrated Circuit Engineering

**16-Elec-B7**, Power Systems Engineering

**16-Elec-B8**, Power Electronics and Drives

**16-Elec-B9**, Electromagnetic Field, Transmission

**16-Elec-B10**, Electro-Optical Engineering

  

**18-Env-A6**, Solid Waste Engineering and Management

**18-Env-B3**, Contaminant Transport

  

**18-Geol-A1**, Mineralogy and Petrology

**18-Geol-A2**, Hydrogeology

**18-Geol-A3**, Sedimentation and Stratigraphy

**18-Geol-A4**, Structural Geology

**18-Geol-A5**, Rock Mechanics

**18-Geol-A6**, Soil Mechanics

**18-Geol-A7**, Applied Geophysics

**18-Geol-B4**, Geomorphology and Pleistocene Geology

  

**18-Geom-A7**, Geospatial Information Systems

**18-Geom-B2**, Satellite Navigation

**17-Ind-A1**, Operations Research

**17-Ind-A2/08-Mfg-A4**, Analysis & Design of Work

**17-Ind-A3/08-Mfg-A5**, Facilities Planning

**17-Ind-A4/08-Mfg-A3**, Production Management

**17-Ind-A5/08-Mfg-A6**, Quality Planning, Control, and Assurance

**17-Ind-A6/08-Mfg-B3/16-Mex-A6**, System Simulation

**17-Ind-B1**, Applied Probability and Statistics

**17-Ind-B2/08-Mfg-A2**, Manufacturing Processes

**17-Ind-B3/08-Mfg-B1**, Computer Aided Design and Computer-Assisted Manufacturing

**17-Ind-B5/04-Bio-B11/, 08-Mfg-B12**, Ergonomics

**17-Ind-B6**, Workplace Design

**17-Ind-B10/08-Mfg-B9**, Workplace Health and Safety

  

**98-Mar-A5/16-Mec-A7**, Advanced Strength of Materials

**98-Mar-B5/16-Mec-B6/08-Mfg-B11**, Fluid Machinery (Mec-A6 national)

  
  

**16-Mec-A1/17-Phys-B6/16-Nav-B1/16-Mex-A4**, Applied Thermodynamics and Heat Transfer

**16-Mec-A2/16-Mex-A5**, Kinematics and Dynamics of Machines

**16-Mec-A3/16-Mex-A1**, System Analysis and Control

**16-Mec-A4/08-Mfg-A1**, Design and Manufacture of Machine Elements

**16-Mec-A5**, Electrical and Electronics Engineering

**16-Mec-A6**, Advanced Fluid Mechanics (Mec-B6 national)

**16-Mec-A7/98-Mar-A5**, Advanced Strength of Materials

**16-Mec-B1**, Advanced Machine Design

**16-Mec-B2**, Environmental Control in Buildings

**16-Mec-B3/08-Nuc-B9**, Energy Conversion and Power Generation

**16-Mec-B4/16-Mex-B9**, Integrated Manufacturing Systems

**16-Mec-B5/08-Mfg-B4/16-Mex-B8**, Product Design and Development

**16-Mec-B6/98-Mar-B5/08-Mfg-B11**, Fluid Machinery (Mec-A6 national)

**16-Mec-B7**, Aero and Space Flight

**16-Mec-B8**, Engineering Materials

**16-Mec-B9**, Advanced Engineering Structures

**16-Mec-B10**, Finite Element Analysis

**16-Mec-B12/08-Mfg-B8/16-Mex-B5**, Robotics Mechanics

**16-Mec-B13**, Biomechanics

**10-Met-A3**, Metal Extraction Processes

**10-Met-A4/17-Phys-B7**, Structure of Materials

**10-Met-A6**, Phase Transformation and Thermal Treatment of Metals and Alloys

**10-Met-A7**, Corrosion and Oxidation

**10-Met-B6**, Physical Metallurgy of Iron and Steel

**16-Mex-A1/16-Mec-A3**, System Analysis and Control

**16-Mex-A2/16-Elec-A1**, Circuits

**16-Mex-A2/16-Elec-A5**, Electronics

**16-Mex-A3/16-Elec-A4/17-Phys-B3**, Digital Systems and Computers

**16-Mex-A4/16-Mec-A1/17-Phys-B6/16-Nav-B1**, Applied Thermodynamics and Heat Transfer

**16-Mex-A5/16-Mec-A2**, Kinematics and Dynamics of Machines

**16-Mex-A6/08-Mfg-B3/17-Ind-A6**, System Simulation

**16-Mex-A7**, Instrumentation, Measurements, Sensors and Actuators

**16-Mex-B3/16-Elec-B2**, Advance Control Systems

**16-Mex-B5/16-Mec-B12/08-Mfg-B8**, Robotics Mechanics

**16-Mex-B8/16-Mec-B5/08-Mfg-B4**, Product Design and Development

**16-Mex-B9/16-Mec-B4**, Integrated Manufacturing Systems

**16-Mex-B10/16-Elec-A6**, Power Systems and Machines

**08-Mfg-A1/16-Mec-A4**, Design & Manufacture of Machine Elements

**08-Mfg-A2/17-Ind-B2**, Manufacturing Processes

**08-Mfg-A3/17-Ind-A4**, Production Management

**08-Mfg-A4/17-Ind-A2**, Analysis & Design of Work

**08-Mfg-A5/17-Ind-A3**, Facilities Planning

**08-Mfg-A6/17-Ind-A5**, Quality Planning, Control, and Assurance

**08-Mfg-B1/17-Ind-B3**, Computer Aided Design and Computer-Assisted Manufacturing

**08-Mfg-B3/16-Mex-A6/17-Ind-A6**, System Simulation

**08-Mfg-B4/16-Mec-B5/16-Mex-B8**, Product Design and Development

**08-Mfg-B5/16-Mec-B8**, Engineering Materials

**08-Mfg-B6**, Metrology

**08-Mfg-B8/16-Mec-B12/16-Mex-B5**, Robotics Mechanics

**08-Mfg-B9/17-Ind-B10**, Workplace Health and Safety

**08-Mfg-B10**, Tooling, Jigs & Fixture Design

**08-Mfg-B11/16-Mec-B6/98-Mar-B5**, Fluid Machinery (Mec-A6 national)

  

**18-MMP-A4**, Mine Valuation and Mineral Resource Estimation



**18-MMP-A6**, Mining and the Environment

**18-Mmp-B5**, Mill Design and Operations

**18-Mmp-B6**, Mill Process Control

**12-Mtl-A3**, Structure and Characterization of Materials

**12-Mtl-A5**, Phase Transformation of Metals, Glasses and Ceramics

**16-Nav-B1/16-Mec-A1/17-Phys-B6/16-Mex-A4**, Applied Thermodynamics and Heat Transfer

**08-Nuc-B9/16-Mec-B3**, Energy Conversion and Power Generation

**17-Pet-A1**, Principles of Stratigraphy and Sedimentation

**17-Pet-A2**, Petroleum Reservoir Fluids

**17-Pet-A3**, Fundamental Reservoir Engineering

**17-Pet-A6**, Reservoir Mechanics

**17-Pet-B4**, Petroleum Geology

**17-Phys-A3/16-Elec-A7**, Electromagnetics

**17-Phys-B3/16-Elec-A4/16-Mex-A3**, Digital Systems and Computers

**17-Phy-B4/16-Elec-A3**, Signals and Communications

**17-Phys-B5/16-Elec-A2**, Systems and Control

**17-Phys-B6/16-Mec-A1/16-Nav-B1/16-Mex-A4**, Applied Thermodynamics and Heat Transfer

**17-Phys-B7/10-Met-A4**, Structure of Materials

**19-Soft-A2**, Computing Architecture and Operating Systems

**19-Soft-B8(16-CIE-B6)**, Distributed Systems

**07-Str-A1/16-Civ-A1**, Elementary Structural Analysis

**07-Str-A2/16-Civ-A2**, Elementary Structural Design

**07-Str-A3/07-Tra-A6/16-Civ-A4**, Geotechnical Materials and Analysis

**07-Str-A4/16-Civ-B1**, Advanced Structural Analysis

**07-Str-A5/16-Civ-B2**, Advanced Structural Design

**07-Str-A6-1/16-Civ-B9/07-Str-B3**, The Finite Element Method

**07-Str-A6-3/07-Str-B10**, Earthquake Engineering

**07-Str-B1/16-Civ-B3**, Geotechnical Design

**07-Str-B2/16-Civ-B8**, Management of Construction

**07-Str-B3/07-Str-A6-1/16-Civ-B9**, Applications of the Finite Element Method

**07-Str-B5**, Foundation Engineering

**07-Str-B11/16-Civ-A5**, Hydraulic Engineering

**07-Tra-A5**, Transportation Planning and Demand Analysis

**07-Tra-A6/07-Str-A3/16-Civ-A4**, Geotechnical Materials and Analysis

**07-Wrse-A2/16-Civ-B4**, Engineering Hydrology

**07-Wrse-A5**, Water Resources Planning & Systems

**07-Wrse-A6 /16-Civ-A3**, Municipal and Environmental Engineering (PEO only)

**07-Wrse-B3/16-Civ-B5**, Water Supply and Wastewater Treatment