Technical exams for Fall/Winter 2022 (October – December 2022) will be written remotely by computer. Further details will be posted on the EGBC [Status of Online Academic Exams](#) webpage when available. You should receive an email invitation to write at the Fall/Winter 2022 sitting after June 18, 2022. Please inform exams@peo.on.ca if you do not receive the email invitation by the first week in July 2022. PEO is not responsible for mail delivery.

If the exam(s) you are planning to write at the Fall/Winter 2022 sitting are not listed below, send an email to exams@peo.on.ca and the exam(s) will be made available for the Spring/Summer 2023 sitting.

(Last updated June 13, 2022)

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 – on hand

04-BS-11, Properties of Materials

04-BS-12, Organic Chemistry

04-BS-13, Biology – on hand

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

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

11-CS-4, Engineering Management

04-Agric-B5, Power Units for Agricultural, Biosystems, and Food Industries

04-Bio-A3, Cellular and Molecular Biology and Biochemistry

07-Bld-A4, Building Engineering Systems

07Bld-A6, Geotechnical Materials and Analysis

07-Bld-B1, Computer Programming

07-Bld-B4, Modern Building Materials

07-Bld-B5, Fire and Smoke Control in Buildings

16-Chem-A1, Process Balances and Chemical Thermodynamics - on hand

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 - on hand

16-Chem-A6, Process Dynamics and Control

16-Chem-B2, Environmental 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) – on hand

16-Civ-A3, 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-B7, Transportation Planning and Engineering – on hand

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

17-Comp-A1, Electronics set – on hand

17-Comp-A3, Computer Architecture

17-Comp-A5, Operating Systems

17-Comp-B5, Computer Communications

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

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

16-Elec-A3, Signals and Communications

16-Elec-A4/16-Mex-A3, Digital Systems and Computers

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

16-Elec-A6, Power Systems and Machines

16-Elec-A7, 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-A2, Hydrology and Municipal Hydraulics Engineering

18-Env-A3/07-Wrse-A3, Geotechnical & Hydrogeological Engineering

18-Env-A4 - Water & Wastewater Engineering

18-Env-A5, Air Quality and Pollution Control Engineering

18-Env-B2, Water Resources

18-Geol-A1, Mineralogy & Petrology

18-Geol-A3, Sedimentation and Stratigraphy

18-Geol-A4, Structural Geology

18-Geol-A5, Rock Mechanics

18-Geol-A6, Soil Mechanics

18-Geom-A1, Surveying

18-Geom-A2, Adjustment of Observations and Data Analysis

18-Geom-B3, Networks and Precise Engineering Surveys – on hand

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, Mex-A6, System Simulation

17-Ind-B1, Applied Probability and Statistics - on hand

17-Ind-B2, Manufacturing Processes

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

98-Mar A2, Fundamentals of Naval Architecture

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

98-Mar-B5/16-Mec-B6, 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, Kinematics and Dynamics of Machines

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

16-Mec-A4, 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, Energy Conversion and Power Generation

16-Mec-B4, Integrated Manufacturing Systems

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

16-Mec-B6/Mar-B5, 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

10-Met-A3, Metal Extraction Processes

10-Met-A5/12-Mtl-A4, Mechanical Behaviour of Materials

10-Met-A6 - Thermal Treatment of Metals and Alloys

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

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

16-Mex-A2/16-Elec-A1/16-Elec-A5, Circuits

16-Mex-A3/16-Elec-A4, Digital Systems and Computers

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

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

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

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

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

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-B3/17-Ind-A6/16- Mex-A6, System Simulation

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

08-Mfg-B6, Metrology

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

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

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

12-Mtl-A1, Materials Thermodynamics

12-Mtl-A2, Transport Phenomena in Materials Engineering

12-Mtl-A4/10-Met-A5, Mechanical Behaviour of Materials

12-Mtl-A5, Phase Transformations of Metals, Glasses and Ceramics

12-Mtl-A6 Thermal Treatment of Metals, Glasses, and Ceramics

18-MMP-A2, Underground Mining Methods and Design

18-MMP-A6, Mining and the Environment

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

08-Nuc-A1, Introduction to Nuclear Physics and Nuclear Engineering

08-Nuc-A6, Nuclear Power Plant Systems & Operations

17-Pet-A1, Principles of Stratigraphy and Sedimentation

17-Pet-A2, Petroleum Reservoir Fluids – on hand

17-Pet-A7, Secondary and Enhanced Recovery

17-Phys-A4, Quantum Mechanics

17-Phys-A5-A, Electronic Materials and devices

17-Phys-A5-B, Analog and Digital Electronic Circuits

17-Phys-A6, Solid State Physics

17-Phys-A7, Optics – on hand

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

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

19-Soft-B14, Safety Critical Systems

19-Soft-B15, Artificial Intelligence

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

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

07-Str-A3/16-Civ-A4/07-Tra-A6, 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, The Finite Element Method

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

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

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

07-Tra-A1, Introduction to Transportation Engineering

07-Tra-A2, Highway Design

07-Tra-A3, Traffic Engineering – on hand

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

07-Tra-B6, Highway Construction

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

07-Wrse-A3/16-Env-A3, Geotechnical & Hydrogeological Engineering

07-WRSE-A5, Water Resources Planning & Systems

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