

Technical exams for Spring/Summer 2022 (May - August 2022) will be written remotely by computer. Further details will be posted on EGBC's website when available: <https://www.egbc.ca/Registration/Individual-Registrants/How-to-Apply/Examinations-Seminars/Academic-Examinations/Status-of-Online-Academic-Exams>. You should receive an email invitation to write at the Spring/Summer 2022 sitting in January 2022. Please inform exams@peo.on.ca if you do not receive the invite by the second week of January 2022.

If the exam(s) you are planning to write at the Spring/Summer sitting are not listed below, send an email to exams@peo.on.ca by November 12, 2021 to ensure the exam(s) will be made available for the Spring/Summer sitting. After November 12, 2021, the exam(s) will be added to the Fall/Winter 2022 sitting.

(Last updated October 1, 2021)

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

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

11-CS-4, Engineering Management

04-Agric-A2, Soil Physics and Mechanics

04-Agric-A5, Principles of Instrumentation

04-Agric-B11, Principles of Waste Management – **on hand**

04-Bio-A6, Anatomy and Physiology – on hand

04-Bio-A7, Fluid Mechanics – on hand

04-Bio-B6 Bioinstrumentation

07-Bld-B4, Building Engineering Systems

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, Unit Operations & Separation Processes

16-Chem-B10, Life Cycle Assessment (LCA) - on hand

16-Civ-A1/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, 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/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

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

17-Comp-B10, Distributed Systems

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, 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, Advance Control Systems

16-Elec-B3, Digital Communications systems - on hand

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-A1/07-Wrse-B11, Principles of Environmental Engineering – on hand

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-A6, Solid Waste Engineering & Management

18-Env-B2, Water Resources

18-Geol-A1, Mineralogy & Petrology

18-Geol-A4, Structural Geology – on hand

18-Geol-B1, Contaminant Hydrogeology

18-Geol-B4, Geomorphology and Pleistocene Geology

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

18-Geom-A6, Cadastral Studies

18-Geom-A7, Geospatial Information Systems

18-Geom-B6, Land Use, Planning and Environmental Management

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, System Simulation – on hand

98-Mar-A5/16-Mec-A7, Advanced Strength of Materials
98-Mar-A7/16-Nav-B2, Marine Engineering
98-Mar-B5/16-Mec-B6, Fluid Machinery

12-Mtl-A3, Structure & Characterization of Materials
12-Mtl-A4/10-Met-A5, Mechanical Behaviour of Materials
12-Mtl-A6, Thermal Treatment of Metals, Glasses, Ceramics
12-Mtl-B11/10-Met-A7, Corrosion and Oxidation

16-Mec-A1/17-Phys-B6/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
16-Mec-A7/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

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, Robotics Mechanics

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

10 - Met-A6, Thermal Treatment of Metals and Alloys – on hand

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

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

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

16-Mex-A4/16-Mec-A1, Applied Thermodynamics and Heat Transfer

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

16-Mex-B3/Elec-B2 – Advanced Control Systems

16-Mex-B5/16-Mfg-B8/Mec-B12, Robot Mechanics

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

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

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

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

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

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

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

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

08-Mfg-B6, Metrology

08-Mfg-B8/16-Mec-B12, Robot Mechanics

08-Mfg-B10 Tooling, Jigs & Fixture Design

16-Nav-A4, Ship Structure and Strength of Ships

16-Nav-B1/Mec-A1 Applied Thermodynamics & Heat Transfer

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

17-Pet-A3, Fundamental Reservoir Engineering

17-Pet-A4, Oil and Gas Well Drilling and Completion

17-Pet-A5, Petroleum Production Operation

17-Pet-B3, Oil and Gas Evaluation and Economics

17-Pet-B5, Well Testing

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

17-Phys-B6/16-Mec-A1, Applied Thermodynamics and Heat Transfer

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

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

07-Str-A3/16-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, 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

19-Soft-A4, Real Time Systems

07-TRA-A4, Pavement Materials, Design and Management

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

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

18-Env-A3/07-Wrse-A3, Soil Mechanics & Groundwater (same just different title)

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

07-Wrse-B11/18-Env-A1, Principles of Environmental Engineering – on hand