

Exams for May 2021 through August 2021 sitting will be written remotely by computer.

Remote writing will be administered by BC. We hope to learn more about remote writing and the exam dates sometime in late April 2021 once the dates are known. This will be posted on the PEO website as well as sent to all May 2021 – August 2021 registered candidates by email.

(Last updated March 26, 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-B11, Principles of Waste Management

04-Bio-A2, Process Dynamics and Control

04-Bio-A6, Anatomy and Physiology

04-Bio-A7, Fluid Mechanics

04-Bio-B4, Digital Image Processing

04-Bio-B5, Cell and Tissue Engineering

04-Bio-B6, Bioinstrumentation

04-Bio-B12 – Applied Optics/Photonics

07-Bld-A1, Elementary Structural Analysis

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

07-Bld-A3, Construction Engineering

07-Bld-A4, Building, Engineering Systems

07-Bld-A5, Building Science

07-Bld-A7, Building Envelope Design

07-Bld-B6, Building Energy Conversion Technologies

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-B2, Environmental Engineering

16-Chem-B4, Biochemical Engineering

16-Chem-B6, Petroleum Refining and Petrochemicals

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

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

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

16-Civ-A3, Municipal and Environmental Engineering

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, 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

16-Civ-B11, Structural Materials

17-Comp-A1, Electronics

17-Comp-A2, Digital Systems Design

17-Comp-A3, Computer Architecture

17-Comp-A4, Program Design and Data Structures

17-Comp-A6, Software 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

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, Principles of Environmental Engineering

18-Env-A2, Hydrology and Municipal Hydraulics Engineering

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

18-Env-A4, Water and Wastewater Engineering

18-Env-A6, Solid Waste Engineering and Management

18-Env-B2, Water Resources

18-Geol-A1, Mineralogy and Petrology

18-Geol-A2, Hydrogeology

18-Geol-A3, Sedimentation & Stratigraphy

18-Geol-A4, Structural Geology

18-Geol-A6, Soil Mechanics

18-Geom-A1 – Surveying

18-Geom-A5 – Remote Sensing and Image Analysis

18-Geom-A7 – Geospatial Information System

18-Geom-B1- Digital Terrain Modelling

18-Geom-B3 – Networks and Precise Engineering Surveys

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, System Simulation

17-Ind-B1, Applied Probability and Statistics

17-Ind-B2, Manufacturing Processes

17-Ind-B5/08-Mfg-B12, Ergonomics

17-Ind-B7, Financial and Managerial Accounting

17-Ind-B10, Workplace Health and Safety

98-Mar-B4, Ship Production & Shipyard Management

98-Mar-B7, Maritime Management

16-Mec-A1/17-Phys-B6/Nav-B1, 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, 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, Fluid Machinery

16-Mec-B7, Aero and Space Flight

16-Mec-B8/16-Mex-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-A4 – Structure of Materials

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

10- Met-A7, Corrosion & Oxidation

10-Met-B3, Iron and Steelmaking

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

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

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

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

08-Mfg-B12/Ind-B5, Ergonomics – on hand

18-MMP-A1, General Geology and Exploration

18-MMP-A2, Underground Mining Methods & Design

18-MMP-A3, Mineral Processing

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

18- MMP-A5 - Surface Mining Methods and Design

18-MMP-A6, Mining and the Environment

18-MMP-B2, Rock Fragmentation

12-Mtl-B1, Mineral Processing

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

17-Pet-A2, Petroleum Reservoir Fluids

17-Pet-A5, Petroleum Production Operations

17-Pet-A6, Reservoir Mechanics

17-Pet-A7, Secondary and Enhanced Recovery
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
17-Phys-B5/16-Elec-A2, Systems and Control
17-Phys-B6/16-Mec-A1, Applied Thermodynamics and Heat Transfer

19-Soft-A7, Software Development Process
19-Soft-B6, Software Project Management

07-Str-A1/16-Civ-A1, Elementary Structural Analysis
07-Str-A2/16-Civ-A2/07-Bld-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-A6-1/16-Civ-B9, The Finite Element Method
07-Str-A6-3, Earthquake Engineering – on hand
07-Str-B1/16-Civ-B3, Geotechnical Design
07-Str-B2/16-Civ-B8, Management of Construction
07-Str-B5, Foundation Engineering
07-Str-B11/16-Civ-A5, Hydraulic Engineering

07-Tra-A2, Highway Design

07-Tra-A3 – Traffic Engineering

07-Tra-A5 – Transportation Planning and Demand Analysis

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

07-Tra-B1 – Transit Systems

07-Wrse-A1, Water Quality and Management

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

07-Wrse-A3, Soil Mechanics & Groundwater (Env-A3 different name)

07-Wrse-A5, Water Resources Planning & Systems

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

07-Wrse-B11/04-Env-A1, Principles of Environmental Engineering