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Faculty of Engineering & Computer Science

Admission Assessment Form: Graduate Studies Programmes

Name: (please print) _____
 Family name Given name

Immigration Status: ☐ Canadian or Landed Immigrant ☐ International Applicant

Degree Applying For: ☐ Engineering ☐ Computer Science

☐ Graduate Certificate: ☐ M.Eng. ☐ M.A.Sc. ☐ Ph.D.

- | | | |
|--|--|---|
| ☐ Building Engineering | ☐ Aerospace Engineering | ☐ Diploma Computer Science |
| ☐ Environmental Engineering | ☐ Building Engineering | ☐ M.App.Comp.Sc. (Course Option) |
| ☐ Mechanical Engineering | ☐ Civil Engineering | ☐ M.Comp.Sc. (Thesis Option) |
| ☐ Service Eng. & Network Mgmt | ☐ Electrical & Computer Engineering | ☐ Ph.D. Computer Science |
| | ☐ Industrial Engineering | |
| | ☐ Mechanical Engineering | |
| | ☐ Software Engineering | |
| | ☐ Quality Systems Engineering | |
| | ☐ Information Systems Security | |
| | ☐ Information and Systems Engineering | |
- ☐ Full-time ☐ Part-Time

Summary of Education :

Degree	Major Field	Years Attended
Institution	Country	
Class/Division (if applicable)	Cumulative Average	Proof of Degree Attached (Diploma) ☐ Yes ☐ No
Degree	Major Field	Years Attended
Institution	Country	
Class/Division (if applicable)	Cumulative Average	Proof of Degree Attached (Diploma) ☐ Yes ☐ No
Degree	Major Field	Years Attended
Institution	Country	
Class/Division (if applicable)	Cumulative Average	Proof of Degree Attached (Diploma) ☐ Yes ☐ No

Office Use Only

CITIZENSHIP

DOCUMENTS

- | | | | |
|---|---|--|--|
| ☐ Canadian | Documentation | Reference Letters | Application |
| ☐ Student Visa | ☐ Proven ☐ Fellowship Request | 1 2 3 4 5 | ☐ Page 1 ☐ Page 3 |
| ☐ Permanent Resident | ☐ Not proven | ☐ ☐ ☐ ☐ ☐ | ☐ Page 2 ☐ Signature |

Area of Interest:

(List in order of preference)

1st2nd3rd**1. BUILDING ENGINEERING**

- 1.01 Building Envelope Performance
- 1.02 Building Environment (Acoustics, Illumination, Air Quality, Thermal Comfort)
- 1.03 Mechanical Systems and Control
- 1.04 Energy Efficiency in Buildings
- 1.05 Wind Effects on Building
- 1.06 Solar Energy Systems for Buildings
- 1.07 Construction Engineering and Management
- 1.08 Building Structures

2. CIVIL AND ENVIRONMENTAL ENGINEERING

- 2.01 Structural, Structural Dynamics, and Earthquake Engineering
- 2.02 Hydraulics, Environmental Hydraulics, and Water Resources
- 2.03 Environmental Engineering
- 2.04 Geotechnical and Foundation Engineering
- 2.05 Transportation, Civil Systems, and Bridge Engineering
- 2.06 Infrastructure Durability and Health Monitoring Systems
- 2.07 Infrastructure and Asset Management

3. COMPUTER SCIENCE & SOFTWARE ENGINEERING

- 3.01 Artificial Intelligence
- 3.02 Natural Language Processing and Text Mining
- 3.03 Bioinformatics
- 3.04 Combinatorial Optimization
- 3.05 Computer Graphics and Visualization
- 3.06 Databases, Data Warehouses and Knowledge Base Systems
- 3.07 Data Mining and Machine Learning
- 3.08 Networks: Wired, Mobile and Wireless
- 3.09 Numerical and Scientific Computing
- 3.10 Parallel and Distributed Computing
- 3.11 Pattern Recognition, Image Processing, Medical Imaging and Computer Vision
- 3.12 Semantic Web, Semantic Computing
- 3.13 Service Computing
- 3.14 Software Engineering

4. ELECTRICAL AND COMPUTER ENGINEERING

- 4.01 Telecommunication Networks
- 4.02 VLSI (Analog, Digital)
- 4.03 Systems and Control
- 4.04 Micro and Nano Devices
- 4.05 Communication Systems
- 4.06 Photonics

- 4.07 Verification of Hardware and Embedded Systems
- 4.08 Software and Distributed Systems Engineering
- 4.09 Signal Processing
- 4.10 Power Electronics, Motor Drives, and Renewable Energy
- 4.11 Applied Electromagnetics
- 4.12 Pattern Recognition/Artificial Intelligence

5. MECHANICAL ENGINEERING

- 5.01 Aerospace
- 5.02 Avionics and Flight Control
- 5.03 Biomedical Engineering
- 5.04 Control Systems and Mechatronics
- 5.05 Design and Manufacturing
- 5.06 Materials Science and Composites
- 5.07 Micro and Nano Systems
- 5.08 Renewable Energy
- 5.09 Thermo-fluid and Propulsion
- 5.10 Vibrations and Vehicle Systems

6. INDUSTRIAL ENGINEERING

- 6.01 Human Factors and Safety
- 6.02 Lean Manufacturing
- 6.03 Operations Research and Quality Management
- 6.04 Production and Inventory Systems
- 6.05 Supply Chain Management

7. CONCORDIA INSTITUTE FOR INFORMATION SYSTEMS ENGINEERING (CIISE)

- 7.01 Information Systems
- 7.02 Systems Engineering
- 7.03 Quality Systems Engineering
- 7.04 Information Systems Security and Privacy
- 7.05 Telecommunication Systems and Network Optimization
- 7.06 Service Engineering
- 7.07 Computer Vision and Graphics
- 7.08 Cyber Forensics
- 7.09 Telegeoinformatics and Infrastructure Management
- 7.10 Logistics and Supply Chain Management
- 7.11 Systems Design and Cognitive Systems
- 7.12 Intelligent Transportation Systems and Transportation Safety
- 7.13 Systems Reliability
- 7.14 Privacy-Preserving Data Mining
- 7.15 Multi-Agent Systems

Financial Assistance:

Note : Only applicants for the M.A.Sc., M. Comp. Sci or Ph.D. may request financial assistance.

- ☐ I am not requesting financial assistance from Concordia University.
- ☐ I would be able to complete my graduate program without financial assistance from Concordia University, however, I do request to be considered for such assistance.
- ☐ I would be able to enter a graduate program only if I receive financial assistance from Concordia University. I understand that my inquiry will be processed further only if there is some possibility of receiving financial support in my chosen area of research, and that eventual admission will depend both on the academic quality of my dossier and the possibility of an offer of financial assistance being made. The approximate amount I would need per year is:
- ☐ \$8,000 -\$10,000 ☐ \$10,001- \$12,000 ☐ \$12,001-\$15,000 ☐ \$15,001-\$18,000

☐ **Upload to File**

☐ **Return in Person to:** Graduate Admissions Service Counter (GASC)
Birks Service Centre, LB 185
1400 de Maisonneuve Blvd. W., Montreal
Hours: Mon. to Thurs. 10:00 a.m. to 7:00 p.m.
Friday 9:00 a.m. to 6:00 p.m.*
(*subject to change during the summer)

☐ **By Mail to:** Concordia University
Graduate Admissions Application Centre
P.O. Box 2002, Station H
Montreal, Quebec, Canada
H3G 2V4