TEACHING ASSISTANT APPLICATION FORM: Mechanical & Industrial Engineering Department

Return to: EV- 4.139, front desk — Deadline: **Friday, November 15, 2019**

Please answer **all** the questions/boxes: correct information guaranties better opportunity for TA assignment

Family name: (surname)	Personal name: (given by birth)	Student I.D.
Employee I.D. (if available)		
Home address: (#, street, apt., city, prov., postal code)		
Telephone: home cell	Date of birth (MM/DD/YY)	Sex: Male ☐ Female ☐
Citizenship: Canadian ☐ Other ☐	Country of birth: Canada ☐ Other: (please specify)	Are you going to be in Montreal on Monday, January 06? . . . . . (YES / NO) If 'NO', when will you arrive in Montreal ? . . . . . (Month, day)
Visa Type: Permanent Resident ☐ Student Authorization ☐	Expiry: (MM/DD/YY)	
Studies at Concordia: Undergraduate ☐: Year 3 ☐; Year 4 ☐	Graduate ☐: Ph.D. ☐; M.A.Sc. ☐; M.Eng. ☐	My study will finish on: (MM/DD/YY)
E-mail: (Use capital letters)	Office room number: (in Concordia, if any)	Office phone: (if any)
Method of payment: Direct deposit ☐ Already receive direct deposit ☐		
For graduate students only: Thesis supervisor(s): 1. 2.	Please, submit a brief description (50 words) of your prospective thesis or your current research field. **Note**: if your supervisor is not available to sign the form, please apply with a copy of the form, not-signed. Later submit the signed original.	
Supervisor Authorization: I agree this graduate student to apply for Teaching Assistantship. Supervisor 1 (Signature & Name):	Supervisor 2 (Signature & Name):	
Specify your relevant experience here: Attach two pages resume (appr. 500 words, see sample) Attach your picture G.P.A. = ...		
A list of the available types of positions is given on the next page: the index correspond to the number of positions in a given course. Please apply for courses in the following way (undergraduate students may apply only for courses in which they received a grade >=A-): Circle ○ the Tutorial / Lab / Marking position you would like to do (**circle at least 3 but less than 9**).		
I want no more than . . . . . hours per week (between 1 and 7).	**Signature:**	Date (MM/DD/YY):

Please write your name & ID - > Family name: . . . . . ; Student ID: . . .

Semester:	Winter 2020 /4	Tutor	Lab	Marker
AERO 290	Introduction to Aircraft Design	T_1	-	-
AERO 371	Modeling and Control Systems	T_1	L_2	M_1
AERO 446	Aerospace Vehicle Performance	T_1	-	M_1
AERO 455	Computational Fluid Dynamics for Aerospace Applications	-	L_1	M_1
AERO 464	Aerodynamics	T_2	-	M_1
AERO 465	Gas Turbine Design	-	L_1	M_1
AERO 485	Introduction to Space Systems	-	-	M_1
AERO 487	Design of Aircraft Structures	-	-	M_1
ENGR 213	Applied Ordinary Differential Equations	T_6	-	M_3
ENGR 233	Applied Advanced Calculus	T_5	-	M_2
ENGR 242	Statics	T_3	-	M_1
ENGR 243	Dynamics	T_9	-	M_3
ENGR 244	Mechanics of Materials	T_4	-	M_2
ENGR 245	Mechanical Analysis	T_1	-	M_1
ENGR 251	Thermodynamics I	T_2	-	M_1
ENGR 301	Engineering Management Principles & Economics	T_4	-	-
ENGR 311	Transform Calculus & Partial Differential Equation	T_2	-	M_1
ENGR 361	Fluid Mechanics I	T_4	-	M_2
ENGR 391	Numerical Methods in Engineering (Needs: MATLAB)	T_8	-	M_3
INDU 321	Lean Manufacturing	T_2	-	M_1
INDU 323	Operation Research I	T_2	L_2	M_1
INDU 342	Logistics Network Models	-	-	M_1
INDU 371	Stochastic Methods in IE	T_2	-	M_1
INDU 372	Quality Control and Reliability (Minitab software)	T_3	-	M_1
INDU 411	Computer Integrated Manufacturing	-	L_8	M_2
INDU 440	Product Design and Development	-	-	M_1
INDU 441	Introduction to Six Sigma	-	-	M_1
INDU 466	Decision Models In Service Sector	-	-	M_1
INDU 480	Cases in Industrial Engineering	-	-	M_1
MECH 211	Mechanical Engineering Drawing (AutoCAD software)	T_2	L_2	M_2
MECH 215	Programming for Mech / Indu Engrs. I (C ++, Arduino)	T_3	L_4	M_2
MECH 221	Material Science	T_4	-	M_2
MECH 313	Machine Drawing & Design (Lab: using machine tools)	T_6	L_6	M_3
MECH 321	Properties and Failure of Materials	T_4	L_5	M_2
MECH 343	Theory of Machines I	T_4	L_5	M_2
MECH 344	Machine Element Design	T_2	-	M_1
MECH 351	Thermodynamics II	T_4	L_7	M_2
MECH 352	Heat Transfer I	T_2	L_2	M_1
MECH 361	Fluid Mechanics II	T_2	L_3	M_1
MECH 368	Electronics for Mechanical Engineers	T_4	L_4	M_2
MECH 370	Modeling, Simulation and Control Systems	T_2	L_2	M_1
MECH 371	Analysis & Design of Control Systems	T_4	L_3	M_2
MECH 375	Mechanical Vibrations	T_2	L_2	M_1
MECH 390	Mechanical Engineering Design Project	T_8	-	M_2
MECH 414	Computer Numerically Controlled Machining	-	L_2	M_1
MECH 421	Mechanical Shaping of Metals & Plastics	-	L_2	M_1
MECH 424	MEMS - Design and Fabrication	-	L_2	M_1
MECH 426	Stress and Failure Analysis of Machinery	-	-	M_1
MECH 448	Vehicle Dynamics	-	-	M_1
MECH 452	Heat Transfer II	-	L_2	M_1
MECH 453	Heating, Ventilation and Air Conditioning Systems	-	-	M_1
MECH 454	Vehicular Internal Combustion Engines	-	-	M_1
MECH 460	Finite Element Analysis (CATIA & ANSYS)	-	L_2	M_1
MECH 462	Wind Turbine Engineering	-	-	M_1
MECH 471	Microcontrollers for Mechatronics	-	L_2	M_1
MECH 472	Mechatronics and Automation	-	L_3	M_1
MECH 474	Mechatronics	-	L_2	M_1
INDU/MECH 490	Capstone Eng Design Project	-	L_2	M_1

(The index (in subscript) corresponds to the number of the positions available)

Markers are needed (Ph.D. or M.A. students **not taking the course**) for the graduate courses:

ENGR 6311	Vibration in Machines & Structures	INDU 6411	Human Factors Engineering
ENGR 6411	Robotic and Manipulator I: Mechanics	INDU 6421	Occupational Safety Engineering
ENGR 7401	Robotic and Manipulator II: Control	MECH 6121	Aerodynamics
INDU 6121	Operation Research II	MECH 6191	Combustion
INDU 6241	Lean Manufacturing	MECH 6431	Introduction to Tribology
INDU 6310	Apply Probability & Statistics for Eng.	MECH 6451	Computer - Aided Mechanical Design
INDU 6311	Discrete System Simulation	MECH 6541	Join G Proc + Nondestruc.Test.
INDU 6331	Advanced Quality Control	MECH 6941	Concurrent Engineering in Aerospace Systems
INDU 6391	Reliability & Maintenance for Design	MECH 7501	Design Using Composite Mat

Please, mark no more than 8 items and indicate your priorities (1=highest), see the sample.