

**MAME SESSIONAL/OVERLOAD COURSES – SUMMER 2024**

In accordance with section 54:07 of the 2021-2025 Collective Agreement the Windsor University Faculty Association (WUFA), Department of Mechanical Automotive and Materials Engineering invites applications from qualified individuals interested in teaching the following course(s), subject to final budgetary approval, course enrollment and appointment of new full-time faculty.

Applicants are required to review University of Windsor Senate Bylaws 54 and 55, and Article 5:23 to 5:25 of Article 54 of the Collective Agreement with WUFA, the Academic Calendar and the Summer 2024 Timetable.

[University of Windsor Central Policies Database - Home \(uwindsor.ca\)](http://uwindsor.ca)

[WUFA Collective Agreement](#)

[Academic Calendars | University Secretariat \(uwindsor.ca\)](#)

[Timetable](#)

**Closing date and time for applications: Monday, March 11, at 4:00 pm**

Please submit applications ONLY to: [mameng@uwindsor.ca](mailto:mameng@uwindsor.ca)  
(Please note that only successful candidates will be contacted)

GENG	1200	1/51	Engineering Thermofluids <b>NOTE: THE COURSE WILL BE TAUGHT AS A HYBRID COURSE</b>
GENG	4210	2	Engineering and Society
MECH	3217	2/52	Applied Thermodynamics
MECH	3228	1/51/52	Heat Transfer
MECH	4255	1/51	Environmental Effects/Control of Noise
MECH	4259	2/52	Computer Aided Engineering (CAE)
MECH	4440	7	Special Topics: Fundamentals of Electromechanical Systems
INDE/MECH	8360/8290	1/9	Computer Aided Design
INDE/MECH	8900/8290	1/1	Special Topics: Robotics Fundamentals and Programming
INDE	8900	33	Special Topics: Product, Process and Business Integration
INDE	8900	34	Special Topics: Lean Manufacturing
MECH	8240	1	Applied Finite Element Analysis
MECH	8290	4	Special Topics: Air Conditioning
MECH	8290	17	Special Topics: Additive Manufacturing
MECH	8290	25	Labview for Engineering Applications
MECH	8290	32	Automotive Systems Modelling and Simulation
MECH	8290	37	Special Topics: Industrial Fluid Power
MECH	8290	38	Special Topics: Optimization
MECH	8290	44	Special Topics: Vehicle Dynamics
MECH	8290	69	Special Topics: Boilers and Pressure Vessels
MECH	8290	79	Special Topics: Practical CFD and Turbulence Modeling
GENG	8050	40	Data Analytics and Decision Making - weekends/online
ELEC	4100	60	Industrial Control Systems
ELEC	4490	60	Sensor and Vision Systems
GENG	4600	60	Robotics
GENG	4800	60	Capstone Mechatronics
MECH	4240	60	Special Topics in Mechanical Engineering: Biomedical Signal Processing
MECH	4240	61	Special Topics in Mechanical Engineering: Biomedical Instrumentation and Certification



## Mechanical Automotive and Materials Engineering

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The Department of Mechanical, Automotive & Materials Engineering is seeking applications from candidates preferably with a Ph.D. degree in Mechanical, Automotive or Materials Engineering, and P.Eng. status (or recognized equivalent). Applicants with a MASc. degree (minimum) in MAME Engineering with relevant teaching and research experience will be considered.

At the end of the semester, departmental procedures require sessional instructors to submit assessment data for undergraduate course learning outcomes (in connection with the CEAB Graduate Attribute Indicators, as dictated by the Faculty's Continuous Improvement process). The data are to be submitted to the departmental secretary. Final course grade approval may be withheld by the department head until the assessment data have been submitted. Availability of future teaching opportunities may be negatively impacted by a failure to submit assessment data on a timely basis.

**New applicants** are asked to include a cover letter identifying the course(s) being applied for and describing their qualifications and expertise to teach the course(s); a CV; three current letters of reference; teaching evaluations or equivalent for all courses they have taught, and the Sessional Instructor Application form.

**Returning applicants** are asked to complete the Sessional Instructor Application.

Dr. Bruce Minaker, Department Head  
Mechanical, Automotive & Materials Engineering  
University of Windsor, Windsor, Ontario

The University of Windsor is committed to employment equity and welcomes applications from Aboriginal Peoples, persons with disabilities and members of visible minorities. Applications from women are particularly encouraged. In accordance with Canadian immigration requirements, this advertisement is directed to Canadian citizens and permanent residents of Canada. Applicants who wish to be considered for Employment Equity need to self-identify as a member of a targeted group.

For additional information, please contact the Department of Mechanical, Automotive & Materials Engineering at [mameng@uwindsor.ca](mailto:mameng@uwindsor.ca)

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WUFA - Windsor University Faculty Association

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