

Marking / Consulting Assignments

2024- 2025 Academic Session

Fall Term 2024 (Sept.-Dec.)	Winter Term 2025 (Jan.-April)
<p>ME 4Y03 – Internal Combustion Engines</p> <p>Dr. Yan</p> <p>65 hrs. Marking / Consulting</p> <p>Combustion Engine Expertise Combustion Engine Expertise</p>	<p>ME 4Z03 – Computer Aided Design</p> <p>Sessional Instructor</p> <p>65 hrs. Marking / Consulting</p> <p>AUTODESK INVENTOR / ALIAS Expertise AUTODESK INVENTOR / ALIAS Expertise AUTODESK INVENTOR / ALIAS Expertise AUTODESK INVENTOR / ALIAS Expertise AUTODESK INVENTOR / ALIAS Expertise</p>
<p>ME 4V03 – Thermo-Fluids Systems</p> <p>Dr. Ching</p> <p>65 hrs. Marking / Consulting</p> <p>Thermo-Fluids Expertise Thermo-Fluids Expertise Thermo-Fluids Expertise Thermo-Fluids Expertise Thermo-Fluids Expertise</p>	<p>ME 4W03 – Energy Systems Thermodynamics</p> <p>Dr. Shankar</p> <p>65 hrs. Marking / Consulting</p> <p>Thermo-Fluids Expertise</p>
<p>ME 4U03 – Fluid Mechanics III</p> <p>Dr. Tullis</p> <p>65 hrs. Marking / Consulting</p> <p>Fluid Mechanics Expertise</p>	<p>ME 4T03 - Finite Elements</p> <p>Dr. Wu</p> <p>65 hrs. Marking / Consulting</p> <p>Finite Elements Expertise Finite Elements Expertise</p>

<p>ME 4T03 - Finite Elements</p> <p>Dr. Wu</p> <p>65 hrs. Marking / Consulting</p> <p>Finite Elements Expertise Finite Elements Expertise</p>	<p>ME 4R03 – Control Systems</p> <p>Dr. Habibi</p> <p>65 hrs. Marking / Consulting</p> <p>Control Theory Expertise Control Theory Expertise Control Theory Expertise Control Theory Expertise Control Theory Expertise</p>
<p>ME 4SS3 – Smart Systems</p> <p>Dr. Gadsden</p> <p>65 hrs. Marking / Consulting</p> <p>Mechatronics Expertise Mechatronics Expertise</p>	<p>ME 4H03 Mechatronics</p> <p>Dr. Bone</p> <p>65 hrs. Marking / Consulting</p> <p>Mechatronics Expertise Mechatronics Expertise Mechatronics Expertise Mechatronics Expertise Mechatronics Expertise</p>
<p>ME 4S03 – Fluid Mechanics</p> <p>Dr. Salaudeen</p> <p>65 hrs. Marking / Consulting</p> <p>Fluid Mechanics Expertise Fluid Mechanic Expertise</p>	<p>ME 4FM3 – Advanced Instrumentation and Sensing for Thermo-Fluids</p> <p>Dr. Morton</p> <p>65 hrs. Marking / Consulting</p> <p>Expertise: Arduino firmware development; basic prototyping circuit design & hand-soldering microelectronics; sensing: pitot tube/surface pressure, temperature, multi-axis accelerometer/gyro, humidity, barometric pressure, strain.</p>

<p>ME 4Q03 – Vibrations</p> <p>Dr. Veldhuis</p> <p>65 hrs. Marking / Consulting</p> <p>Vibrations Expertise Vibrations Expertise Vibrations Expertise Vibrations Expertise Vibrations Expertise</p>	<p>ME 4ES3 – Energy Storage</p> <p>Dr. Trowell</p> <p>65 hrs. Marking / Consulting</p> <p>Thermodynamic Expertise</p>
<p>ME 4K03 – Robotic Mechanics</p> <p>Dr. Yan</p> <p>65 hrs. Marking / Consulting</p> <p>Robotics Expertise Robotics Expertise Robotics Expertise Robotics Expertise</p>	<p>ME 4D03 – Metal Cutting</p> <p>Dr. Koshy</p> <p>65 hrs Marking / Consulting</p> <p>Manufacturing Expertise</p>
<p>ME 4I03- Acoustics</p> <p>Sessional Instructor</p> <p>65 hrs. Marking / Consulting</p> <p>Acoustics Expertise</p>	<p>ME 4CC3 – Biomechanics</p> <p>Sessional Instructor</p> <p>65 hrs. Marking / Consulting</p> <p>Biomedical Expertise</p>
<p>ME 4BB3 – Biomechanics</p> <p>Dr. Wohl</p> <p>65 hrs. Marking / Consulting</p> <p>Biomechanics Expertise Biomechanics Expertise</p>	<p>ME 4B03 – Product Design</p> <p>Dr. Hassan</p> <p>65 hrs Marking / Consulting</p> <p>CAD Expertise Mechanics Expertise</p>

<p>ME 4AI3- Applied Artificial Intelligence</p> <p>Dr. Ahmed</p> <p>65 hrs. Marking / Consulting</p> <p>Mechatronics & Computational Expertise</p>	<p>ME 4AA3 – Aerodynamics</p> <p>Dr. Tullis</p> <p>65 hrs. Marking / Consulting</p> <p>Fluid Mechanics Expertise</p>
<p>ME 3E03 – Mechanical Design</p> <p>Dr. Jain</p> <p>Demonstrating 12 weeks @ 3 hrs. / week Preparation / Grading 29 hrs.</p> <p>Mechanics / Design Expertise Mechanics / Design Expertise Mechanics / Design Expertise Mechanics / Design Expertise Mechanics / Design Expertise</p>	<p>ME 3R03 – Heat Transfer</p> <p>Dr. Trowell</p> <p>65 hrs. Marking / Consulting</p> <p>Heat Transfer Expertise Heat Transfer Expertise Heat Transfer Expertise Heat Transfer Expertise Heat Transfer Expertise</p>
<p>ME 3C03 – Manufacturing Engineering</p> <p>Dr. Aramesh</p> <p>65 hrs. Marking Consulting</p> <p>Material Processes Expertise Material Processes Expertise Material Processes Expertise Material Processes Expertise Material Processes Expertise Material Processes Expertise Material Processes Expertise</p>	<p>ME 3F04 – Numerical Analysis</p> <p>Dr. Morton</p> <p>65 hrs. Marking / Consulting</p> <p>Computational Expertise Computational Expertise Computational Expertise Computational Expertise Computational Expertise</p>

<p>ME 2Q04 - Dynamics</p> <p>Dr. Ng</p> <p>65 hrs. Marking Consulting</p> <p>Mechanics Expertise Mechanics Expertise Mechanics Expertise Mechanics Expertise Mechanics Expertise</p>	<p>ME 3A03 – Engineering Mechanics</p> <p>Dr. Ng</p> <p>65 hrs. Marking / Consulting</p> <p>Mechanics Expertise Mechanics Expertise Mechanics Expertise Mechanics Expertise Mechanics Expertise Mechanics Expertise Mechanics Expertise</p>
<p>ME 2P04 - Statics</p> <p>Dr. Koshy</p> <p>65 hrs. Marking Consulting</p> <p>Mechanics Expertise Mechanics Expertise Mechanics Expertise Mechanics Expertise Mechanics Expertise</p>	
<p>ME 2D03 – Introduction to Design</p> <p>Sessional Instructor</p> <p>65 hrs. Marking / Consulting</p> <p>Mechanical Design Expertise Mechanical Design Expertise Mechanical Design Expertise Mechanical Design Expertise Mechanical Design Expertise</p>	

Spring/Summer Term 2025 (May-Aug.)	
ME 3A03 – Engineering Mechanics Sessional Instructor 65 hrs. Marking / Consulting Mechanics Expertise	
ME 3F04 – Numerical Analysis Sessional Instructor 65 hrs. Marking / Consulting Computational Expertise	
ME 3R03 – Heat Transfer Sessional Instructor 65 hrs. Marking / Consulting Heat Transfer Expertise	