

## **Marking / Consulting Assignments**

### **2023- 2024 Academic Session**

<b>Fall Term 2023 (Sept.-Dec.)</b>	<b>Winter Term 2024 (Jan.-April)</b>
<b>ME 4Y03 – Internal Combustion Engines</b>  Dr. Yan  65 hrs. Marking / Consulting  Combustion Engine Expertise Combustion Engine Expertise	<b>ME 4Z03 – Computer Aided Design</b>  Sessional  65 hrs. Marking / Consulting  AUTODESK INVENTOR / ALIAS Expertise AUTODESK INVENTOR / ALIAS Expertise AUTODESK INVENTOR / ALIAS Expertise AUTODESK INVENTOR / ALIAS Expertise AUTODESK INVENTOR / ALIAS Expertise
<b>ME 4W03 – Energy Systems Thermodynamics</b>  Dr. Shankar  65 hrs. Marking / Consulting  Thermo-Fluids Expertise	<b>ME 4T03 - Finite Elements</b>  Dr. Wu  65 hrs. Marking / Consulting  Finite Elements Expertise Finite Elements Expertise
<b>ME 4V03 – Thermo-Fluids Systems</b>  Dr. Ching  65 hrs. Marking / Consulting  Thermo-Fluids Expertise Thermo-Fluids Expertise Thermo-Fluids Expertise Thermo-Fluids Expertise Thermo-Fluids Expertise	<b>ME 4R03 – Control Systems</b>  Dr. Habibi  65 hrs. Marking / Consulting  Control Theory Expertise Control Theory Expertise Control Theory Expertise Control Theory Expertise Control Theory Expertise

<p><b>ME 4U03 – Fluid Mechanics III</b></p> <p>Dr. Tullis</p> <p>65 hrs. Marking / Consulting</p> <p>Fluid Mechanics Expertise</p>	<p><b>ME 4O04 – Sustainable Energy Systems</b></p> <p>Dr. Cotton</p> <p>65 hrs. Marking / Consulting</p> <p>Thermodynamic Expertise</p> <p>Thermodynamic Expertise</p>
<p><b>ME 4SS3 – Smart Systems</b></p> <p>Dr. Gadsden</p> <p>65 hrs. Marking / Consulting</p> <p>Mechatronics Expertise</p> <p>Mechatronics Expertise</p>	<p><b>ME 4J03 – Introduction to Computation Fluid Mechanics and Heat Transfer</b></p> <p>Dr. Hamed</p> <p>65 hrs. Marking / Consulting</p> <p>CFD &amp; Heat Transfer Expertise</p>
<p><b>ME 4S03 – Fluid Mechanics</b></p> <p>Dr. Salaudeen</p> <p>65 hrs. Marking / Consulting</p> <p>Fluid Mechanics Expertise</p> <p>Fluid Mechanic Expertise</p>	<p><b>ME 4H03 Mechatronics</b></p> <p>Dr. Bone</p> <p>65 hrs. Marking / Consulting</p> <p>Mechanics Expertise</p> <p>Mechanics Expertise</p> <p>Mechanics Expertise</p> <p>Mechanics Expertise</p> <p>Mechanics Expertise</p>
<p><b>ME 4Q03 – Vibrations</b></p> <p>Sessional</p> <p>65 hrs. Marking / Consulting</p> <p>Vibrations Expertise</p> <p>Vibrations Expertise</p> <p>Vibrations Expertise</p> <p>Vibrations Expertise</p> <p>Vibrations Expertise</p>	<p><b>ME 4FM3 – Advanced Instrumentation and Sensing for Thermo-Fluids</b></p> <p>Dr. Morton</p> <p>65 hrs. Marking / Consulting</p> <p>Thermo-Fluids and Data Acquisition/Signal Processing Expertise</p>

<p><b>ME 4K03 – Robotic Mechanics</b></p> <p>Dr Yan</p> <p>65 hrs. Marking / Consulting</p> <p>Robotics Expertise</p> <p>Robotics Expertise</p> <p>Robotics Expertise</p> <p>Robotics Expertise</p>	<p><b>ME 4ES3 – Energy Storage</b></p> <p>Dr. Trowell</p> <p>65 hrs. Marking / Consulting</p> <p>Thermodynamic Expertise</p>
<p><b>ME 4I03- Acoustics</b></p> <p>Sessional</p> <p>65 hrs. Marking / Consulting</p> <p>Acoustics Expertise</p>	<p><b>ME 4D03 – Metal Cutting</b></p> <p>Dr. Koshy</p> <p>65 hrs Marking / Consulting</p> <p>Manufacturing Expertise</p>
<p><b>ME 4B03 – Product Design</b></p> <p>Dr. Hassan</p> <p>65 hrs Marking / Consulting</p> <p>CAD Expertise</p> <p>Mechanics Expertise</p>	<p><b>ME 4CC3 – Biomechanics</b></p> <p>Dr. Quenneville</p> <p>65 hrs. Marking / Consulting</p> <p>Biomedical Expertise</p>
<p><b>ME 4BB3 – Biomechanics</b></p> <p>Dr. Wohl</p> <p>65 hrs. Marking / Consulting</p> <p>Biomechanics Expertise</p> <p>Biomechanics Expertise</p>	<p><b>ME 4BF3 – Biofluid Mechanics</b></p> <p>Dr. Motamed</p> <p>65 hrs. Marking / Consulting</p> <p>Cardiovascular Engineering Expertise</p>

<p><b>ME 3E03 – Mechanical Design</b></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><b>ME 4AA3 – Aerodynamics</b></p> <p>Dr. Tullis</p> <p>65 hrs. Marking / Consulting Fluid Mechanics Expertise</p>
<p><b>ME 3C03 – Manufacturing Engineering</b></p> <p>Dr. Shankar</p> <p>65 hrs. Marking Consulting</p> <p>Material Processes Expertise Material Processes Expertise</p>	<p><b>ME 3R03 – Heat Transfer</b></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><b>ME 2Q04 - Dynamics</b></p> <p>Dr. Ng</p> <p>65 hrs. Marking Consulting</p> <p>Mechanics Expertise Mechanics Expertise Mechanics Expertise Mechanics Expertise Mechanics Expertise</p>	<p><b>ME 3F04 – Numerical Analysis</b></p> <p>Dr. Morton</p> <p>65 hrs. Marking / Consulting</p> <p>Computational Expertise Computational Expertise Computational Expertise Computational Expertise Computational Expertise</p>

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

<p><b>Spring/Summer Term 2024 (May-Aug.)</b></p> <p><b>ME 3A03 – Engineering Mechanics</b></p> <p>Sessional</p> <p>65 hrs. Marking / Consulting</p> <p>Mechanics Expertise</p> <p>Mechanics Expertise</p>	
<p><b>ME 3F04 – Numerical Analysis</b></p> <p>Sessional</p> <p>65 hrs. Marking / Consulting</p> <p>Computational Expertise</p> <p>Computational Expertise</p>	

<p><b>ME 3R03 – Heat Transfer</b></p> <p>Sessional</p> <p>65 hrs. Marking / Consulting</p> <p>Heat Transfer Expertise</p> <p>Heat Transfer Expertise</p>	
<p><b>ME 4R03 – Control Systems</b></p> <p>Sessional</p> <p>65 hrs. Marking / Consulting</p> <p>Control Theory Expertise</p> <p>Control Theory Expertise</p>	
<p><b>ME 4T03 - Finite Elements</b></p> <p>Sessional</p> <p>65 hrs. Marking / Consulting</p> <p>Finite Elements Expertise</p>	