

# **LABORATORY DEMONSTRATING ASSIGNMENTS**

## **2018 - 2019 Academic Session**

<i>Fall Term 2018 (Sept.-Dec.)</i>	<i>Winter Term 2019 (Jan.-April)</i>
<p><b>ME 4P03 – Fourth Year Laboratory</b></p> <p style="text-align: center;">Dr. Ching</p> <p>Demonstrating 13 weeks @ 6 hrs. / week Preparation / Grading 52 hrs. Digital Control System I (D13) Robot Programming (D15) Beam Bending and Torsion (D10) Heat Exchanger Effectiveness (H2) Oscillation of a Mass Spring System(D7) Writeup Invigilation / Report Grading Writeup Invigilation / Report Grading</p>	<p><b>ME 4P03 – Fourth Year Laboratory</b></p> <p style="text-align: center;">Dr. Ching</p> <p>Demonstrating 13 weeks @ 6 hrs. / week Preparation / Grading 52 hrs. Digital Control System II (D14) Dynamic Vibration Absorber (D8) Water Hammer (F11) Thermal Systems Simulation (TSS)/Modal Analysis (MA) Lift Coefficient of a Airfoil / Bone Implant(ABI) Machining Laboratory (ML) /Forming by Plastic Bending (PB) Writeup Invigilation / Report Grading Writeup Invigilation / Report Grading</p>
<p><b>ME 3M03 – Third Year Laboratory</b></p> <p style="text-align: center;">Dr. Ching</p> <p>Demonstrating 13 weeks @ 6 hrs. / week Preparation / Grading 52 hrs. Drill Press (M1) Lathe (M2) Milling Machine (M3) Diesel Engine (T1) Statically Indeterminate Structure (D4) Uniaxial Tensile Test (P8) Writeup Invigilation / Report Grading Writeup Invigilation / Report Grading Report Grading</p>	<p><b>ME 3M03 – Third Year Laboratory</b></p> <p style="text-align: center;">Dr. Ching</p> <p>Demonstrating 13 weeks @ 6 hrs. / week Preparation / Grading 52 hrs. Plastic Properties of Sheet Metal (P5) Drag on Spheres (F18) Resistance Spot Welding (RSW) Parallel/Series Pump Test (F12) Reynolds Belt (F20) Writeup Invigilation / Report Grading Writeup Invigilation / Report Grading Report Grading</p>
<p><b>ME 2A03 - Mechanical Design</b></p> <p style="text-align: center;">Dr. Hassan / Dr.Wohl</p> <p>Demonstrating 13 weeks @ 3 hrs. / week Preparation / Grading 26 hrs. Report Writing Ability Report Writing Ability</p> <p>Consulting / Grading 13 Weeks @ 5 hrs / week Design Expertise Design Expertise Design Expertise Design Expertise Design Expertise Design Expertise</p>	<p><b>ME 2B03 – Mechanical Measurements</b></p> <p style="text-align: center;">Dr. Didar / Dr. Motamed</p> <p>Demonstrating 13 weeks @ 6 hrs. / week Preparation / Grading 52 hrs. General ME Expertise General ME Expertise General ME Expertise General ME Expertise General ME Expertise General ME Expertise General ME Expertise General ME Expertise General ME Expertise General ME Expertise General ME Expertise General ME Expertise General ME Expertise General ME Expertise</p> <p>Record Keeping @ 65 hrs. General ME Expertise</p>