

LABORATORY DEMONSTRATING ASSIGNMENTS

2020 – 2021 Academic Session

<i>Fall Term 2020 (Sept.-Dec)</i>	<i>Winter Term 2021 (Jan.-April)</i>
<p>ME 4P03 – Fourth Year Laboratory</p> <p>Sessional</p> <p>Demonstrating 10 weeks @ 10 hrs./week Preparation / Grading 30 hrs. Digital Control System I (DI3) Robot Programming (DI5) Heat Exchanger Effectiveness (H2) Oscillation of a Mass Spring System (D7) Thermal Systems Simulation (TSS)</p> <p>Writeup / Invigilation / Report Grading Writeup / Invigilation / Report Grading Writeup / Invigilation / Report Grading</p>	<p>ME 4P03 — Fourth Year Laboratory</p> <p>Sessional</p> <p>Demonstrating 10 weeks @ 10 hrs./week Preparation / Grading 30 hrs. Digital Control System II (DI4) Water Hammer (F11) Modal Analysis (MA) Bone Implant and Biomechanics Lab (B1) Design of Experiments (DOE)</p> <p>Writeup Invigilation / Report Grading Writeup Invigilation / Report Grading Writeup Invigilation / Report Grading</p>
<p>ME 3M03 - Third Year Laboratory</p> <p>Sessional</p> <p>Demonstrating 10 weeks @ 10 hrs./week Preparation 30 hrs. Diesel Engine (T1) Statically Indeterminate Structure (D4) Uniaxial Tensile Test (P8) Drag on Spheres (F18) Plastic Properties (P5)</p> <p>Write-up/Invigilation/Report Grading Write-up/Invigilation/Report Grading Write-up/Invigilation/Report Grading</p>	<p>ME 3M03 — Third Year Laboratory</p> <p>Sessional</p> <p>Demonstrating 10 weeks @ 10 hrs./week Preparation 30 hrs. Resistance Spot Welding (RSW) Parallel/Series Pump Test (F12) Reynolds Belt (F20) Beam on Bending and Torsion (D10) Lift Coefficient of an Airfoil (F16)</p> <p>Write-up/Invigilation/Report Grading Write-up/Invigilation/Report Grading Write-up/Invigilation/Report Grading</p>

ME 2A03 – Mechanical Design

Dr. Wohl / Dr. Hassan

Demonstrating 13 weeks @ 3 hrs./week
Preparation / Grading 26 hrs.
Report Writing Ability
Report Writing Ability

Consulting / Grading 13 Weeks 5 hrs. / week
Design Expertise
Design Expertise
Design Expertise
Design Expertise
Design Expertise

ME 2B03 – Mechanical Measurements

Dr. Didar / Dr. Motamed

Demonstrating 13 weeks @ 6 hrs. / week
Preparation / Grading 52 hrs.

General ME Expertise
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Record Keeping @ 65 hrs.
General ME Expertise