

<p align="center">08-20</p> <p align="center">Lego EV3 remote</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and smart phones, build a robot that completes the horseshoe challenge in the shortest possible time.</p> <ul style="list-style-type: none"> LIMIT Enrollment to: 18 students "Welcome to Robotics" handout (Complete) Make Name Tents (black marker, tri-fold long ways, first and last name both sides, thick paper) Syllabus, Safety contract, Procedure (Signatures DUE NEXT CLASS) Choose teams from a hat (6 teams of 3) Assemble 6 Complete kits Start Building robot Lab01 – Horseshoe Challenge DOL <p>ANNOUNCEMENTS/HOMEWORK:</p> <p>Notes to Self:</p> <ul style="list-style-type: none"> Fix All in Learning roster 	<p align="center">08-22</p> <p align="center">Lego EV3 remote</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and smart phones, build a robot that completes the horseshoe challenge in the shortest possible time.</p> <ul style="list-style-type: none"> WARM UP Teamwork and Strategy FOCUS: Mechanics, DC Motors, Servo Motors Sort Kits Choose Teams Assign Pocket/Laptop/Clicker Number Only use your laptop, always plug in Double-check you are aren't leaving LEGO parts on the ground or on the tables Download the newest version of LEGO EV3 Software Download EV3 iPhone or Android app Connect EV3 to laptop – test Connect EV3 to smart phone - test Lab01 – Horseshoe Challenge Design/Build Day DOL <p>ANNOUNCEMENTS/HOMEWORK:</p> <ul style="list-style-type: none"> 	<p align="center">08-24</p> <p align="center">Lego EV3 remote</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and smart phones, build a robot that completes the horseshoe challenge in the shortest possible time.</p> <ul style="list-style-type: none"> WARM UP Teamwork and Strategy FOCUS: Mechanics, DC Motors, Servo Motors Lab01 – Horseshoe Challenge Design/Build Day Start Competition (time event) Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. DOL <p>ANNOUNCEMENTS/HOMEWORK:</p> <ul style="list-style-type: none">
--	---	---

<p align="center">09-06</p> <p align="center">Lego EV3 remote</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and smart phones, build a robot that completes the cup collector challenge in the shortest possible time.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Mechanics, DC Motors, Servo Motors • Lab02 – Cup Collector Challenge • Design/Build Day • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">09-08</p> <p align="center">Lego EV3 remote</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and smart phones, build a robot that completes the cup collector challenge in the shortest possible time.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Mechanics, DC Motors, Servo Motors • Lab02 – Cup Collector Challenge • Competition Day (round robin, every team member must drive at least once) • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p> <ul style="list-style-type: none"> • 	<p align="center">09-12</p> <p align="center">Lego EV3 remote</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and smart phones, build a robot that completes the basketball challenge in the shortest possible time.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Mechanics, DC Motors, Servo Motors • Lab03 – Basketball Challenge • Design/Build Day • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
---	--	---

<p align="center">09-08</p> <p align="center">Lego EV3 remote</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and smart phones, build a robot that completes the basketball challenge in the shortest possible time.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Mechanics, DC Motors, Servo Motors • Lab03 – Basketball Challenge • Design/Build Day • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">09-12</p> <p align="center">Lego EV3 remote</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and smart phones, build a robot that completes the basketball challenge in the shortest possible time.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Mechanics, DC Motors, Servo Motors • Lab03 – Basketball Challenge • Design/Build Day • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p> <ul style="list-style-type: none"> • 	<p align="center">09-14</p> <p align="center">Lego EV3 remote</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and smart phones, build a robot that completes the basketball challenge in the shortest possible time.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Mechanics, DC Motors, Servo Motors • Lab03 – Basketball Challenge • Competition Day • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
---	---	--

<p align="center">09-16</p> <p align="center">Lego EV3 remote</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and smart phones, build a robot that completes the basketball challenge in the shortest possible time.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Mechanics, DC Motors, Servo Motors • Lab03 – Basketball Challenge • Competition Day • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">09-20</p> <p align="center">Lego EV3 remote</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and smart phones, build a robot that completes the basketball challenge in the shortest possible time.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Mechanics, DC Motors, Servo Motors • Lab03 – Basketball Challenge • Competition Day • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p> <ul style="list-style-type: none"> • 	<p align="center">09-22</p> <p align="center">Lego EV3 remote</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and smart phones, build a robot that completes the basketball challenge in the shortest possible time.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Mechanics, DC Motors, Servo Motors • Lab03 – Basketball Challenge • Competition Day • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
--	--	--

<p align="center">09-26</p> <p align="center">Lego EV3 remote</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and smart phones, build a robot that completes the basketball challenge in the shortest possible time.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Mechanics, DC Motors, Servo Motors • Lab03 – Basketball Challenge • Competition Day • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">09-28</p> <p align="center">Lego EV3 3-D Autonomous</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and program, build a robot that move in a perfect square.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Autonomous, Programming • No sensors, clockwise, stay within 1 foot of the black line. • Lab04 – Perfect Square • Design/Build Day • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p> <ul style="list-style-type: none"> • 	<p align="center">09-30</p> <p align="center">Lego EV3 3-D Autonomous</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and program, build a robot that move in a perfect square.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Autonomous, Programming • Lab04 – Perfect Square • Design/Build Day • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
--	---	---

<p align="center">10-04</p> <p align="center">Lego EV3 3-D Autonomous</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and program, build a robot that follows a line on the floor.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Autonomous, Programming • SENSORS: Infrared, Color • Lab05 – Simple Line Follower • Design/Build Day • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">10-06</p> <p align="center">Lego EV3 3-D Autonomous</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and program, build a robot that follows a line on the floor.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Autonomous, Programming • SENSORS: Infrared, Color • Lab05 – Simple Line Follower • Design/Build Day • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p> <ul style="list-style-type: none"> • 	<p align="center">10-10</p> <p align="center">Lego EV3 3-D Autonomous</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and program, build a robot that follows a line on the floor.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Autonomous, Programming • SENSORS: Infrared, Color • Lab06 – Complex Line Follower • Design/Build Day • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
--	--	---

<p align="center">10-12</p> <p align="center">Lego EV3 3-D Autonomous</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and program, build a robot that follows a line on the floor.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Autonomous, Programming • SENSORS: Infrared, Color • Lab06 – Complex Line Follower • Design/Build Day • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">10-14</p> <p align="center">Lego EV3 (Battle Bots)</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and program, build a robot that negotiates a given maze.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Mechanical, Remote • SENSORS: Touch, Sonar • Lab07 – Simple Maze • Design/Build Day • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">10-18</p> <p align="center">Lego EV3 (Battle Bots)</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and program, build a robot that negotiates a given maze.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Mechanical, Remote • SENSORS: Touch, Sonar • Lab07 – Simple Maze • Design/Build Day • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
---	--	--

<p align="center">10-20</p> <p align="center">Lego EV3 (Battle Bots)</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and program, build a robot that negotiates a given maze.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Mechanical, Remote • SENSORS: Touch, Sonar • Lab07 – Simple Maze • Design/Build Day • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">10-25</p> <p align="center">Lego EV3 (Battle Bots)</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and program, build a robot that negotiates a given maze.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Mechanical, Remote • SENSORS: Touch, Sonar • Lab08 – Complex Maze • Design/Build Day • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">10-27</p> <p align="center">Lego EV3 (Battle Bots)</p> <p>LO — Design and construct a remote controlled robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, using LEGO EV3 kits and program, build a robot that negotiates a given maze.</p> <ul style="list-style-type: none"> • WARM UP • Teamwork and Strategy • FOCUS: Mechanical, Remote • SENSORS: Touch, Sonar • Lab08 – Complex Maze • Design/Build Day • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
--	---	---

<p align="center">10-31</p> <p align="center">Arduino Labs (1 of 7)</p> <p>LO — Design, construct and program an Arduino-based electro-mechanical system.</p> <p>DOL — Working in teams of 2, using Arduino kits, build Circuit #1 “Blinking LED”, Circuit #2 “Potentiometer”, and Circuit #3 “RGB LED”.</p> <ul style="list-style-type: none"> WARM UP Download the necessary IDE onto the laptops Lab01 – “Blinking LED” Lab02 – “Potentiometer” Lab03 – “RGB LED” Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">11-02</p> <p align="center">Arduino Labs (2 of 7)</p> <p>LO — Design, construct and program an Arduino-based electro-mechanical system.</p> <p>DOL — Working in teams of 2, using Arduino kits, build Circuit #4 “Multiple LEDs”, Circuit #5 “Push Buttons”, and Circuit #6 “Photo Resistor”.</p> <ul style="list-style-type: none"> WARM UP Download the necessary IDE onto the laptops Lab04 – “Multiple LEDs” Lab05 – “Push Buttons” Lab06 – “Photo Resistor” Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">11-06</p> <p align="center">Arduino Labs (3 of 7)</p> <p>LO — Design, construct and program an Arduino-based electro-mechanical system.</p> <p>DOL — Working in teams of 2, using Arduino kits, build Circuit #7 “Temp Sensor”, Circuit #8 “A Single Servo”, and Circuit #9 “Buzzer”.</p> <ul style="list-style-type: none"> WARM UP Download the necessary IDE onto the laptops Lab04 – “Temperature Sensor” Lab05 – “A Single Servo” Lab06 – “Buzzer” Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
---	---	--

<p align="center">11-08</p> <p align="center">Arduino Labs (4 of 7)</p> <p>LO — Design, construct and program an Arduino-based electro-mechanical system.</p> <p>DOL — Working in teams of 2, using Arduino kits, build Circuit #10 “Spinning a Motor”, Circuit #11 “Relays”.</p> <ul style="list-style-type: none"> • WARM UP • Download the necessary IDE onto the laptops • Lab10 – “Spinning a Motor” • Lab11 – “Relays” • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">11-12</p> <p align="center">Arduino Labs (5 of 7)</p> <p>LO — Design, construct and program an Arduino-based electro-mechanical system.</p> <p>DOL — Working in teams of 2, using Arduino kits, build Circuit #12 “Shift Register”, Circuit #13 “LCD Screen”.</p> <ul style="list-style-type: none"> • WARM UP • Download the necessary IDE onto the laptops • Lab12 – “Shift Register” • Lab13 – “LCD Screen” (Lookup online) • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">11-14</p> <p align="center">Arduino Labs (6 of 7)</p> <p>LO — Design, construct and program an Arduino-based electro-mechanical system.</p> <p>DOL — Working in teams of 2, using Arduino kits, build design a musical instrument.</p> <ul style="list-style-type: none"> • WARM UP • Download the necessary IDE onto the laptops • Design a music playing device • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
--	--	--

<p align="center">11-16</p> <p align="center">Arduino Labs (7 of 7)</p> <p>LO — Design, construct and program an Arduino-based electro-mechanical system.</p> <p>DOL — Working in teams of 2, using Arduino kits, build design a musical instrument.</p> <ul style="list-style-type: none"> • WARM UP • Download the necessary IDE onto the laptops • Design a music playing device • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">11-27</p> <p align="center">Raspberry Pi Labs (1 of 7)</p> <p>LO — Design, construct and program an Arduino-based electro-mechanical system.</p> <p>DOL — Working in teams of 2, using Raspberry Pi kits, build Circuit #1”.</p> <ul style="list-style-type: none"> • WARM UP • Download the necessary IDE onto the laptops • Lab01 • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">11-29</p> <p align="center">Raspberry Pi Labs (2 of 7)</p> <p>LO — Design, construct and program an Arduino-based electro-mechanical system.</p> <p>DOL — Working in teams of 2, using Raspberry Pi kits, build Circuit #2”.</p> <ul style="list-style-type: none"> • WARM UP • Download the necessary IDE onto the laptops • Lab02 • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
--	--	--

<p align="center">12-03</p> <p align="center">Raspberry Pi Labs (3 of 7)</p> <p>LO — Design, construct and program an Arduino-based electro-mechanical system.</p> <p>DOL — Working in teams of 2, using Raspberry Pi kits, build Circuit #2”.</p> <ul style="list-style-type: none"> • WARM UP • Download the necessary IDE onto the laptops • Lab02 • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">12-05</p> <p align="center">Raspberry Pi Labs (4 of 7)</p> <p>LO — Design, construct and program an Arduino-based electro-mechanical system.</p> <p>DOL — Working in teams of 2, using Raspberry Pi kits, build Circuit #2”.</p> <ul style="list-style-type: none"> • WARM UP • Download the necessary IDE onto the laptops • Lab02 • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">12-07</p> <p align="center">Raspberry Pi Labs (5 of 7)</p> <p>LO — Design, construct and program an Arduino-based electro-mechanical system.</p> <p>DOL — Working in teams of 2, using Raspberry Pi kits, build Circuit #2”.</p> <ul style="list-style-type: none"> • WARM UP • Download the necessary IDE onto the laptops • Lab02 • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
--	--	--

<p align="center">12-11</p> <p align="center">Raspberry Pi Labs (6 of 7)</p> <p>LO — Design, construct and program an Arduino-based electro-mechanical system.</p> <p>DOL — Working in teams of 2, using Raspberry Pi kits, build Circuit #2”.</p> <ul style="list-style-type: none"> • WARM UP • Download the necessary IDE onto the laptops • Lab02 • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">12-13</p> <p align="center">Raspberry Pi Labs (3 of 7)</p> <p>LO — Design, construct and program an Arduino-based electro-mechanical system.</p> <p>DOL — Working in teams of 2, using Raspberry Pi kits, build Circuit #2”.</p> <ul style="list-style-type: none"> • WARM UP • Download the necessary IDE onto the laptops • Lab02 • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">12-17</p> <p align="center">Special Project (1 of 16)</p> <p>LO — Design and construct a robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, use the kits to design, build, and program a robot.</p> <ul style="list-style-type: none"> • WARM UP • AI Kit – Nvidia Jetson Nano • Lab 01 • Design • Construction • Software/ Programming • Debug • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
--	--	---

<p align="center">12-19</p> <p align="center">Special Project (2 of 16)</p> <p>LO — Design and construct a robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, use the kits to design, build, and program a robot.</p> <ul style="list-style-type: none"> • WARM UP • AI Kit – Nvidia Jetson Nano • Lab 01 • Design • Construction • Software/ Programming • Debug • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">12-11</p> <p align="center">Special Project (3 of 16)</p> <p>LO — Design and construct a robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, use the kits to design, build, and program a robot.</p> <ul style="list-style-type: none"> • WARM UP • AI Kit – Nvidia Jetson Nano • Lab 01 • Design • Construction • Software/ Programming • Debug • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">01-09</p> <p align="center">Special Project (4 of 16)</p> <p>LO — Design and construct a robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, use the kits to design, build, and program a robot.</p> <ul style="list-style-type: none"> • WARM UP • AI Kit – Nvidia Jetson Nano • Lab 01 • Design • Construction • Software/ Programming • Debug • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
---	---	---

<p align="center">01-11</p> <p align="center">Special Project (5 of 16)</p> <p>LO — Design and construct a robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, use the kits to design, build, and program a robot.</p> <ul style="list-style-type: none"> • WARM UP • AI Kit – Nvidia Jetson Nano • Lab 01 • Design • Construction • Software/ Programming • Debug • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">01-15</p> <p align="center">Special Project (6 of 16)</p> <p>LO — Design and construct a robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, use the kits to design, build, and program a robot.</p> <ul style="list-style-type: none"> • WARM UP • AI Kit – Nvidia Jetson Nano • Lab 01 • Design • Construction • Software/ Programming • Debug • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">01-17</p> <p align="center">Special Project (7 of 16)</p> <p>LO — Design and construct a robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, use the kits to design, build, and program a robot.</p> <ul style="list-style-type: none"> • WARM UP • AI Kit – Nvidia Jetson Nano • Lab 01 • Design • Construction • Software/ Programming • Debug • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
---	---	---

<p align="center">01-22</p> <p align="center">Special Project (8 of 16)</p> <p>LO — Design and construct a robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, use the kits to design, build, and program a robot.</p> <ul style="list-style-type: none"> • WARM UP • AI Kit – Nvidia Jetson Nano • Lab 01 • Design • Construction • Software/ Programming • Debug • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">01-24</p> <p align="center">Special Project (9 of 16)</p> <p>LO — Design and construct a robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, use the kits to design, build, and program a robot.</p> <ul style="list-style-type: none"> • WARM UP • AI Kit – Nvidia Jetson Nano • Lab 01 • Design • Construction • Software/ Programming • Debug • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">01-28</p> <p align="center">Special Project (10 of 16)</p> <p>LO — Design and construct a robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, use the kits to design, build, and program a robot.</p> <ul style="list-style-type: none"> • WARM UP • AI Kit – Nvidia Jetson Nano • Lab 01 • Design • Construction • Software/ Programming • Debug • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
---	---	--

~ Lesson Plans 2018 - 2019.....Robotics.....David McLoda ~

<p align="center">01-30</p> <p align="center">Special Project (11 of 16)</p> <p>LO — Design and construct a robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, use the kits to design, build, and program a robot.</p> <ul style="list-style-type: none"> • WARM UP • AI Kit – Nvidia Jetson Nano • Lab 01 • Design • Construction • Software/ Programming • Debug • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">02-01</p> <p align="center">Special Project (12 of 16)</p> <p>LO — Design and construct a robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, use the kits to design, build, and program a robot.</p> <ul style="list-style-type: none"> • WARM UP • AI Kit – Nvidia Jetson Nano • Lab 01 • Design • Construction • Software/ Programming • Debug • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">02-05</p> <p align="center">Special Project (13 of 16)</p> <p>LO — Design and construct a robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, use the kits to design, build, and program a robot.</p> <ul style="list-style-type: none"> • WARM UP • AI Kit – Nvidia Jetson Nano • Lab 01 • Design • Construction • Software/ Programming • Debug • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
--	--	--

<p align="center">02-07</p> <p align="center">Special Project (14 of 16)</p> <p>LO — Design and construct a robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, use the kits to design, build, and program a robot.</p> <ul style="list-style-type: none"> • WARM UP • AI Kit – Nvidia Jetson Nano • Lab 01 • Design • Construction • Software/ Programming • Debug • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">02-11</p> <p align="center">Special Project (15 of 16)</p> <p>LO — Design and construct a robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, use the kits to design, build, and program a robot.</p> <ul style="list-style-type: none"> • WARM UP • AI Kit – Nvidia Jetson Nano • Lab 01 • Design • Construction • Software/ Programming • Debug • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">02-13</p> <p align="center">Special Project (16 of 16)</p> <p>LO — Design and construct a robot to complete a pre-determined engineering challenge.</p> <p>DOL — Working in groups of 3 or 4, use the kits to design, build, and program a robot.</p> <ul style="list-style-type: none"> • WARM UP • AI Kit – Nvidia Jetson Nano • Lab 01 • Design • Construction • Software/ Programming • Debug • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
--	--	--

<p align="center">02-19</p> <p align="center">Capstone Project (1 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">02-21</p> <p align="center">Capstone Project (2 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">02-25</p> <p align="center">Capstone Project (3 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
--	--	--

<p align="center">02-27</p> <p align="center">Capstone Project (4 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">03-01</p> <p align="center">Capstone Project (5 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">03-05</p> <p align="center">Capstone Project (6 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
--	--	--

<p align="center">03-07</p> <p align="center">Capstone Project (7 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">03-18</p> <p align="center">Capstone Project (8 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">03-20</p> <p align="center">Capstone Project (9 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
--	--	--

<p align="center">03-22</p> <p align="center">Capstone Project (10 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">03-26</p> <p align="center">Capstone Project (11 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">03-28</p> <p align="center">Capstone Project (12 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
---	---	---

<p align="center">04-01</p> <p align="center">Capstone Project (13 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">04-03</p> <p align="center">Capstone Project (14 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">04-05</p> <p align="center">Capstone Project (15 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
---	---	---

<p align="center">04-09</p> <p align="center">Capstone Project (16 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">04-11</p> <p align="center">Capstone Project (17 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">04-15</p> <p align="center">Capstone Project (18 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
---	---	---

<p align="center">04-17</p> <p align="center">Capstone Project (19 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">04-23</p> <p align="center">Capstone Project (20 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">04-25</p> <p align="center">Capstone Project (21 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
---	---	---

<p align="center">04-29</p> <p align="center">Capstone Project (22 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">05-01</p> <p align="center">Capstone Project (23 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">05-03</p> <p align="center">Capstone Project (24 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
---	---	---

<p align="center">05-07</p> <p align="center">Capstone Project (25 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">05-09</p> <p align="center">Capstone Project (26 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">05-13</p> <p align="center">Capstone Project (27 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
---	---	---

<p align="center">05-15</p> <p align="center">Capstone Project (28 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">05-17</p> <p align="center">Capstone Project (29 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">05-21</p> <p align="center">Capstone Project (30 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>
---	---	---

<p align="center">05-23</p> <p align="center">Capstone Project (31 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	<p align="center">05-28</p> <p align="center">Capstone Project (32 of 20)</p> <p>LO — Develop a solution to a challenging engineering problem.</p> <p>DOL — Working in teams, using the knowledge you gained in the course, define a problem and develop a solution. Provide a prototype.</p> <ul style="list-style-type: none"> • WARM UP • Define the problem • Develop a solution • Debug and repeat • Write your journal entries in your engineering notebooks in real-time. Follow the guidelines provided. • DOL <p align="center">ANNOUNCEMENTS/HOMEWORK:</p>	
---	---	--

~ Lesson Plans 2018 - 2019.....Robotics.....David McLoda ~

--	--	--

~ Lesson Plans 2018 - 2019.....Robotics.....David McLoda ~