

**University of Dayton - School of Engineering - Innovation Center**  
**Capstone Design Symposium**  
**Friday, APR 26, 2024**

	<u>KL 124</u>	<u>KL 128</u>	<u>KL 141</u>	<u>KL 205</u>	<u>KL 163</u>	<u>KL 061</u>
<b>8:00 AM</b>	<b>AFRL University Challenge</b> Team: Tristan Karnes, Nicholas Sekerak, Elia Swierczewski	<b>Copeland - Compressor Oil Pump (R)</b> Team: Claire Shepherd, Abigail Mullen, Colin Meehan, Annika Roush	<b>Integra Beauty - Hair Straightner (R)</b> Team: Lillian Craig, Saad Alazemi, Abdulrazzaq Alhendal, Dong An, Yusi Nie	<b>OPEN</b>	<b>UDRI - Water Drone Sampler</b> Team: Lucas Hung, Nora Louis, Anton Martincic, Franklin McClimans, Razi Motlagh, Lily Pestorius	<b>OPEN</b>
<b>9:00 AM</b>	<b>Stingley Elementary - Cafe Noise</b> Team: Adam Dulay, Alison Hardie, Andrew Kein, William Maurer	<b>Copeland - Variable Speed (R)</b> Team: Joseph Palmer, Michael Johnston, Anthony Erlain, Anthony Bandwen	<b>QL Plus - Wheelchair Platform</b> Team: Jackson Heflin, Amanda Holtzman, Alec Donahue, Francesco Digiannantonio	<b>GE Aerospace - Ceramic Attachment (R)</b> Team: Garret Cowdery, Aaron Oakley, Samuel Duncan, Aiden Kilgore	<b>Hamilton Caster - Cobot Utilization (R)</b> Team: Kaitlyn Wolf, Eric Einhorn, Layton Schroyer, Gavin Wooton	<b>OPEN</b>
<b>10:00 AM</b>	<b>AIMM Furnace Redesign</b> Team: Ryan Terrell, Tucker Von-Behner, Olivia Wiesemann	<b>The Corps - Mobile Solutions</b> Team: Benjamin Parlett, Sam Gepperth, John Faetanini, Grant Newland	<b>QL Plus - Cooling Socket</b> Team: Meredith Tropeano, Jacob Maskrey, Kyle Shrader, Andrew Genzel	<b>UDRI - GNSS (R)</b> Team: Mason Henry, Andrew Hohe, Nathan Pakozdi, Nicholas Scarpitti, Owen Valentine	<b>US Positronix - Mag-Lev Prototype (R)</b> Team: Ian McGuire, Ryan Peaco, Olivia Hickman, Ethan Bolt	<b>OPEN</b>
<b>11:00 AM</b>	<b>OPEN</b>	<b>Go Sustainable - Zero Carbon Library</b> Team: Thomas Roebker, Kyle Stapp, Nicholas Garino	<b>QL Plus - Segway Safety Enclosure</b> Team: Stavros-Richard Ananiadis, Jacob Schachte, Andrew Schroth, Johanna Nuwer	<b>Mooney - All Terrain Wheelchair</b> Team: Lauren Schutte, Jared Beasley, Kamal Fadhel, Evelyn Tuesday	<b>Gosiger - Payload Testing</b> Team: Annie Garbulinski, Wenjia Xu, John Shawhan, Jackson Bell	<b>UD DPT - Warrior Walker</b> Team: Travis Kutter, Jenna Ladd, Jacob Pentasuglio, Clare Pitstick, Braden Woods
<b>12:00 PM</b>	<b>LUNCH BREAK</b>					
<b>1:00 PM</b>	<b>Infinity Labs - Smart Lighting (R)</b> Team: Owen Capell, Christian Fowlkes, Adam Ryan, Elizabeth Shafer, John Siefring	<b>OPEN</b>	<b>UD ECE - Drone Payload</b> Team: Weston Brundage, Garret Kemper, Carson McCorkle, Abdullah Al Rashid	<b>OPEN</b>	<b>OPEN</b>	<b>OPEN</b>
<b>2:00 PM</b>	<b>Skuld - 3D Print (R)</b> Team: Alexis Kemble, Owen King, Isaac Burkart	<b>Ethicon - Gear Drive Train (R)</b> Team: Steven Jandura, Molly Fenik, Benjamin Schmerge, John Schmerge	<b>UD ECE - Robotic Arm</b> Team: Aidan Reichenburg, Jenna Schulte, Kaitrin Weber	<b>OPEN</b>	<b>OPEN</b>	<b>OPEN</b>
<b>3:00 PM</b>	<b>AFRL APOP Banshee and Mustang</b> Team: Nathan Chonko, Ryan Wood, William Dolan, Christian Reynolds	<b>UDRI - Machine Learning Flatbed</b> Team: Isaac Rush, Tyler Degrand, James Dewall, Ryan Roch, Eisa Alqurawi	<b>Klaus - Model Train</b> Team: Ryan Sanford, Ian Kirtley, Eamon Ryan, Michael Taylor	<b>OPEN</b>	<b>OPEN</b>	<b>OPEN</b>
<b>4:00 PM</b>	<b>AFRL APOP Banshee and Mustang</b> Team: Michael Lambert, Connor Muck, Matthew Elliot, John Sciarretti		<b>Turtle Up - Sand Temperature</b> Team: Wenfei Hou, Austin Grewell, Isabella Saylor, Emma Smith	<b>OPEN</b>	<b>OPEN</b>	<b>OPEN</b>
						as of 12 APR 24

R = RESTRICTED PRESENTATION