

ME 470 Final Presentation Schedule

8:00 am–12:15 pm Tuesday, April 30th, 2024 in Room 3100 LuMEB

Project Manager: Aly Abdallah

Bring enough copies of presentation slide handout: 4 color slides per page format, for 1 TA, 5 Faculty, and your sponsor

Start Time	Project	Sponsor	Students	Faculty Advisor
8:00	Universal Super Fitting Alpha	Atkore	J. Avila, O. Diaz, R. Mehta, J. Ocampo, A. Pertzborn, V. Vyas	Joe Maduzia
8:30	Spindle Vibration	Peddinghaus, Inc.	E. Bao, J. Cassens, J. M. Jung, B. Marley, W. Ok	Geir Dullerud
9:00	Universal Super Fitting Omega	Atkore	J. Cole, J. Norderntoft, D. Oladeji, J. Piekunko, A. Siddiqi, Gracie Smith, S. Vazirani	Joe Maduzia
9:30	Floating Wind Turbine	Prof. Chamorro	C. Chamness, J. Gong, A. Rajesh, Z. Wang, F. Zhang, W. Zheng	Leo Chamorro
10:15	Spinal Vision	Carle Illinois College of Medicine	M. Ma, J. Orjansen, M. Tenzer, A. Wong, H. Zhang, C. Zhao	Mariana Kersh
10:45	Heat Pump Desalination	Prof. Brewster/ACRC	C. Chin, J. Esguerra, A. Glasgow, L. Horvath, F. Vakakis, F. Vega	Quinn Brewster
11:15	Topology Optimization	Collins Aerospace	P. Bauer, K. Behnken, T. Collins, E. Mittermeyer, B. Roland, J. Stermer	Tom Golecki
11:45	Phase Change Heat Exchanger	Prof. Sinha	P. Kandula, E. Park, S. Patel, S. Rector, J. Wolf	Sanjiv Sinha

ME 470 Final Presentation Schedule

8:00 am–12:15 pm Tuesday, April 30th, 2024 in Room 3101 LuMEB

Project Manager: Diya Patel

Bring enough copies of presentation slide handout: 4 color slides per page format, for 1 TA, 5 Faculty, and your sponsor

Start Time	Project	Sponsor	Students	Faculty Advisor
8:00	Electric Boat Competition Alpha	American Association of Naval Engineers	B. Beckley, E. Boos, N. Brown, H. Gopinath, A. Rayudu, S. Vohra	Sam Tawfick
8:30	Electric Boat Competition Omega	American Association of Naval Engineers	R. Mubarak, J. Ren, J. Shao, A. Skanthakumar, H. Xu, M. Yu	Sam Tawfick
9:00	Nucleation Actuator	Prof. Sinha	C. DiMarca, B. Jiang, Y. Kim, J. Lipman, R. Orellana, T. Wimmer	Sanjiv Sinha
9:30	Self-Adjusting Wiper	Atkore	R. Bernardo, W. Jung, J. Koch, M. Stonis, Y. Wang, N. Warke	Naira Hovakimyan
10:15	Paracentra	Carle Illinois College of Medicine	H. Athreya, J. Ross, K. Habayeb, A. Lang, A. McDermott, A. Sessa, I. Yaagoub	Jie Feng
10:45	Door Vibration Dampening	Illinois Fire Service Institute	L. Dao, A. Goel, P. Han, I. Lo, Y. Ramani, V. Seshadri, A. Soriano	Nikhil Admal
11:15	Cloud Manufacturing Implementation	Prof. Ferriera/ Joe Maduzia	C. Andrews, J. John, J. Kochan, S. Lee, C. Wichlac, J. Yuan	Placid Ferreira

11:45	Darnell Anywhere	Scott Darnell/MechSE	A. Bhat, C. Chung, A. Hernandez, M. Iyengar, Cameron Lee, O. Roman	Justin Yim
-------	------------------	----------------------	---	------------

ME 470 Final Presentation Schedule

8:00 am–12:15 pm Tuesday, April 30th, 2024 in Room 4100 LuMEB

Project Manager: Parsa Faghihi

Bring enough copies of presentation slide handout: 4 color slides per page format, for 1 TA, 5 Faculty, and your sponsor

Start Time	Project	Sponsor	Students	Faculty Advisor
8:00	CAPS Locks	Prof. Miljkovic/ Mahima Goel	J. Baligod, D. Gonzalez, A. Hansen, A. Herlo, A. Kautz, J. Reynoso	Nenad Miljkovic/ Mahima Goel
8:30	Abbott Enerdraped System	Student Sustainability Committee	B. Dixon, B. Goddard, D. Kawiecki, D. Kock, A. Lakhani, A. Mehta, N. Williamson	Nenad Miljkovic
9:00	Economizer Analysis Tool	Construction Engineering Research Lab (CERL)	X. Castillo, J. Grenier, M. K. Kim, K. Luburic, N. Myers, M. Yi	Ke Tang
9:30	Thrust Stand	CU Aerospace	D. Lee, S. Mar, M. Murtaza, D. Suh, K. Wingader, M. Zhang	Matt West
10:15	Cutoff Blade Alpha	Atkore	E. Barrios, K. Berschel, S. Licata, D. Parker, R. Rao, Grace Smith, E. Zick	Huseyin Sehitoglu
10:45	Shear Layer Tunnel	Prof. Blake Johnson	W. Fahy, S. Hussain, A. Nelson, F. Pallo Rivadencira, N. Son, J. Thompson	Blake Johnson

11:15	Cutoff Blade Omega	Atkore	S. Gubbala, J. Lasso, Christian Lee, R. Patel, D. Pinkston, C. Simcox	Huseyin Sehitoglu
11:45	Friction Measurements	Collins Aerospace	A. Behal, T. Gehr, Z. Jing, S. Papageorgakis, A. Wallach, R. Williams	Amy Wagoner Johnson