

Senior Design Presentation/Review: Status Report April 2025

Schedule Overview:

(Video conference links, class details, and project names are on following pages.)

Room ID	
Building	
Proctor	
Presentation Start Time	3:10 PM
	3:40 PM
	4:10 PM
	4:40 PM
	5:10 PM

HK 301	BCISE 005	BCISE 204	BCISE 120	PC 107	BCISE 121	BCISE 103	HK 245	PC 005	JC 113	BCISE 119	JC 122
Herak	Bollier	Bollier	Bollier	Paccar	Bollier	Bollier	Herak	Paccar	Jepson	Bollier	Jepson
Christopher Sharman	Daniel Olivares	Luke Johnson	Bryan Fisher	Tim Fitzgerald	Ali Toghraee	Anbara Lutfullaeva	Marc Baumgardner	Chance Wilson	Brooke Colburn	Mark Muszynski	Ramadan Alkhatib
CS25-14	CS25-08	CS25-09	CS25-01	n/a	n/a	EN25-70	n/a	n/a	n/a	EN25-29	EN25-24
CS25-02	CS25-07	CS25-10	CS25-12	n/a	n/a	EN25-41	n/a	n/a	EN25-52	EN25-26	EN25-21
CS25-13	CS25-03	CS25-11	CS25-05	EN25-51	EN25-56	EN25-63	EN25-58	EN25-71	EN25-57	EN25-27	EN25-22
CS25-15	CS25-04	CS25-06	CS25-16	EN25-59	EN25-54	EN25-61	EN25-66	EN25-40	EN25-64	EN25-28	EN25-23
n/a	n/a	n/a	n/a	EN25-53	EN25-60	EN25-73	EN25-65	EN25-72	EN25-42	EN25-25	EN25-20
COMPUTER SCIENCE				ELECTRICAL, COMPUTER, INTER. AND MECHANICAL ENGINEERING						CIVIL ENGINEERING	

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Campus Map:

★ Red Star Entrances:

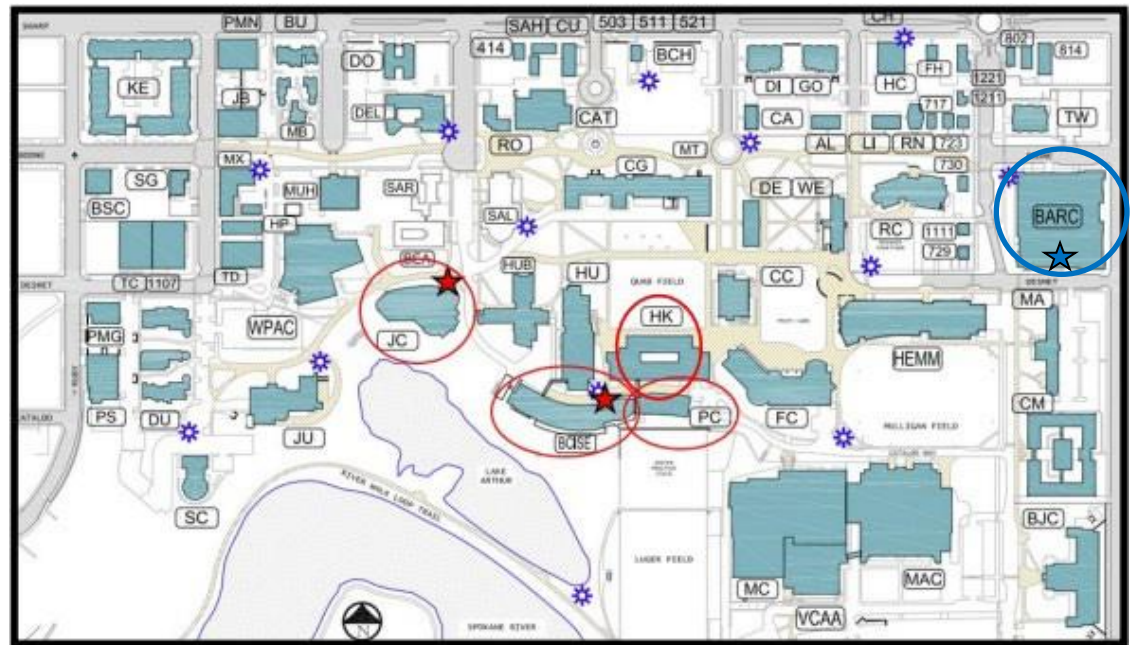
Most entrances on these buildings will be locked for those of you without key cards, but the starred entrances will be unlocked for this event.

- For **BCISE** (Bollier), **HK** (Herak) and **PC** (Paccar) locations, enter through the main doors on the north side of BCISE.
- For **JC** (Jepson) locations, enter through the main doors at the north east corner of JC.

★ Blue Star Parking:

Guest parking is marked on the map with a blue star.

- BARC Parking Garage



Room:		HK 301		
Proctor:		Christopher Sharman		
Start Time	Team ID	Team Description	Advisor	DAB
3:10	CS25-14	Walking Spaces AR Based In-Home Clutter Tracker	Christopher Sharman	Nathan Vanos
3:40	CS25-02	Medicare/Medicaid Reimbursement AI	Christopher Sharman	Jacob Krantz
4:10	CS25-13	Automated Part Counter (CS)	Christopher Sharman	Sarah Hagen
4:40	CS25-15	Conveyer Monitoring System	Christopher Sharman	Sarah Hagen
Zoom Link for HK 301: https://gonzaga.zoom.us/j/97675439005				

Room:		BCISE 005		
Proctor:		Daniel Olivares		
Start Time	Team ID	Team Description	Advisor	DAB
3:10	CS25-08	Figure Skating Scheduling App	Phillip Fishburn	Ryan Floyd
3:40	CS25-07	RF Chamber Software Design	Tim Ecklund	Sarah Hagen
4:10	CS25-03	Power Line Protection System Extension	Alex Giacobbi	Nick Lantham
4:40	CS25-04	AI Summarization Tool	Alex Giacobbi	Dustin Cassell
Zoom Link for BCISE 005: https://gonzaga.zoom.us/j/92798317235				

Room:		BCISE 204		
Proctor:		Luke Johnson		
Start Time	Team ID	Team Description	Advisor	DAB
3:10	CS25-09	Smart Watering System with Internet of Things	Rafael Pozos	Kayla Larson
3:40	CS25-10	Home Price Prediction System	Joe Dumoulin	Michael Herzog
4:10	CS25-11	Discrete "World Model" for LLMs	Joe Dumoulin	n/a
4:40	CS25-06	Multi-platform eCommerce App	Jasmine Jans	Jessie Phillips
Zoom Link for BCISE 204: https://gonzaga.zoom.us/j/91548145355				

Room:		BCISE 120		
Proctor:		Bryan Fischer		
Start Time	Team ID	Team Description	Advisor	DAB
3:10	CS25-01	Applicant Tracking System	Bethany Alcamo	Andrew Flagstead
3:40	CS25-12	Timeline	Daniel Lenz	Ben Higley
4:10	CS25-05	Graphical Document Gen. from Datasets	Pete Messina	Ben McDonald
4:40	CS25-16	Test Set Generator	Pete Messina	Hunter Banks
Zoom Link for BCISE 120: https://gonzaga.zoom.us/j/94486250482				

Room:		PC 107		
Proctor:		Tim Fitzgerald		
Start Time	Team ID	Team Description	Advisor	DAB
4:10	EN25-51	Open Air Cabin Window	Damon Taam	Nick Questad
4:40	EN25-59	Digital Twin for Thermal Modeling of a High Horsepower Motor	Max Capobianchi	Doug Pooler
5:10	EN25-53	Combustion Sightglass Assy Modification	Max Capobianchi	Jordan Dunn
Zoom Link for PC 107: https://gonzaga.zoom.us/j/96998021913				

Room:		BCISE 121		
Proctor:		Ali Toghraee		
Start Time	Team ID	Team Description	Advisor	DAB
4:10	EN25-56	Boom Window Cleaning	Harman Khare	Dannielle Haraldson
4:40	EN25-54	Zero Hazwaste Glass Slurry Reservoir	Colleen Nolting	Eric Ryan
5:10	EN25-60	High Volume Manufacturing Process for Low -Resilience Polyurethane Foam	Jeff Nolting	Stuart Lauer
Zoom Link for BCIE 121: https://gonzaga.zoom.us/j/4975662145				

Room:		BCISE 103		
Proctor:		Anbara Lutfullaeva		
Start Time	Team ID	Team Description	Advisor	DAB
3:10	EN25-70	Energy Harvesting	Shane Pacini	Brenna Doll
3:40	EN25-41	Active Noise Cancellation System	Shane Pacini	Scott Schwartz
4:10	EN25-63	Large Seal Stretcher	Anbara Lutfullaeva	Nathan Verboort
4:40	EN25-61	Overland Conveyer System	Anbara Lutfullaeva	CJ Best
5:10	EN25-73	LIDAR Belt Scale Solution	Gabe Achenbach	Jared Marshall
Zoom Link for BCISE 103: https://gonzaga.zoom.us/j/92341706512				

Room:		HK 245		
Proctor:		Marc Baumgardner		
Start Time	Team ID	Team Description	Advisor	DAB
4:10	EN25-58	Roll Grind Optimization Model	Chris Nicol	Lee Firth
4:40	EN25-66	Wind Tunnel	Marc Baumgardner	Nick Reasoner
5:10	EN25-65	Modular Sensor Mount Design	Marc Baumgardner	Skye Aldrich
Zoom Link for HK 245: https://gonzaga.zoom.us/j/96492574538?from=addon				

Room:		PC 005		
Proctor:		Chance Wilson		
Start Time	Team ID	Team Description	Advisor	DAB
4:10	EN25-71	3 rd Axis Addition to the Itron RF Chamber	Tim Ecklund	Duane Radmer
4:40	EN25-40	Electromagnetic Interference Mitigation	Jeff Gilbert	Terra Donley
5:10	EN25-72	Plumbing Insulation Tech Integration Extension	Kevin Damron	Chance Wilson
Zoom Link for PC 005:				

Room:		JC 113		
Proctor:		Brooke Colburn		
Start Time	Team ID	Team Description	Advisor	DAB
3:40	EN25-52	Wire Pull Check Tool	Bob Reed	Karen Hills
4:10	EN25-57	Specialty Container Cleaning Automation	Sam Shoemaker	Roy Wortman
4:40	EN25-64	Automated Part Counter (ME)	Brooke Colburn	Les Bohush
5:10	EN25-42	Enhancement of Vision Inspection System for Manufacturing	John Tadrous	Brent Barr
Zoom Link for JC 113: https://gonzaga.zoom.us/j/97507756799				

Room:		BCISE 119		
Proctor:		Mark Muszynski		
Start Time	Team ID	Team Description	Advisor	DAB
3:10	EN25-29	Lacrosse Park Development and Stormwater Design	Jack Griffing	Kaela Mansfield Lindsay Gilbert
3:40	EN25-26	Bus Transit Study and Design	Stu Barton Ryan Brodwater	Jay Hassel Bob Turner Jennifer Emerson-Martin
4:10	EN25-27	Beaver Dam Analog Design in Thompson Creek	Sue Niezgoda	Dawson Matthews Spencer Harper Kayla Kassa Colleen Little
4:40	EN25-28	Bioretention Soil Media Study	Aimee Navickis-Brasch Dave Moss	Glorilyn Maw Dave Duncan Katie Larimer
5:10	EN25-25	Construction Engineering for I90/NSC Interchange	Bill Meeks	Erik Wick
Zoom Link for BCISE 119:				

Room:		JC 122		
Proctor:		Ramadan Alkhatib		
Start Time	Team ID	Team Description	Advisor	DAB
3:10	EN25-24	Earth Retaining Structure Design	Collin McCormick	Vince Poxleitner Byrl Williams
3:40	EN25-21	Gas Station Structural Design & Life Cycle Analysis	Adam Hutchinson	Kyle Umlauf Melissa Verwest
4:10	EN25-22	UKC Recreation Center Structural Design	Wesley Davis	Damiano Seghetti Emily Sackman
4:40	EN25-23	Structural Design of Aerial Adventure Course	Ted Bernards	Sushil Shenoy
5:10	EN25-20	Structural Design of Engineering Building	Aaron Zwanzig	TJ Bolser Levi Arnold
Zoom Link for JC 122:				

