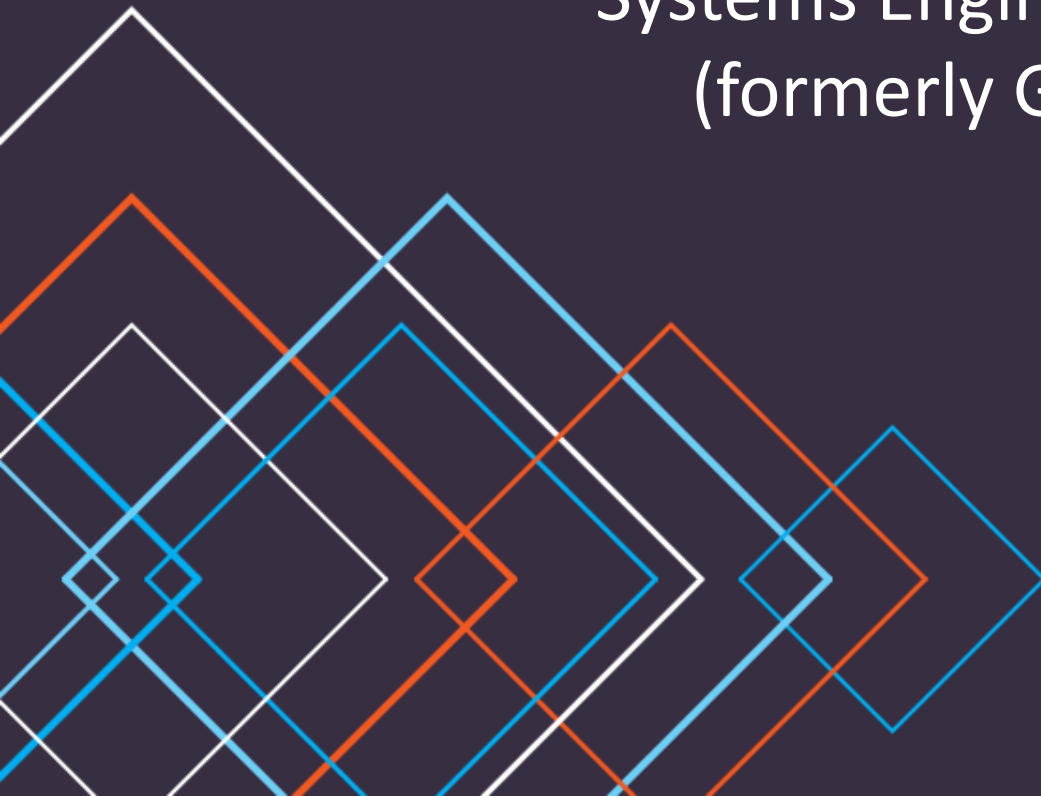


Welcome to ISE

Industrial Engineering – IE
Systems Engineering and Design – SED
(formerly General Engineering)



UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN



Students & Programs

Students

505 Undergraduates, 27% female

280 Industrial Engineers

225 Systems Engineering and Design/General Engineers

Programs

B.S. in Industrial Engineering

B.S. Systems Engineering & Design
(formerly General Engineering)



Student Excellence

ISE UNDERGRADUATE FIONA KALENSKY

Emily Scott



SENIOR 100 X 2! JOSH WEISBERG & LARA FLASCH

BOTH EARNED A PLACE
IN THE UNIVERSITY-WIDE
SENIOR 100 HONORARY!

SENIOR 100 HONORARY
IS A HIGHLY PRESTIGIOUS
AWARD THAT RECOGNIZES
THE MOST OUTSTANDING
GRADUATING SENIORS—
NOT ONLY THE MOST
SUCCESSFUL STUDENTS
ACADEMICALLY, BUT THOSE
FOCUSED ON CAMPUS
INVOLVEMENT AND
SERVICE. THIS ALLOWS
HARD-WORKING SENIORS
TO BE ACKNOWLEDGED
FOR THEIR COMMITMENT
TO THE UNIVERSITY.



DIBBS

ISE UNDERGRADUATE JOSH WEISBERG

Emily Scott



MOTTIER INNOVATION CHALLENGE in Systems Engineering

CONGRATULATIONS
MOTTIER INNOVATION
CHALLENGE WINNERS!

	Showcase Presenters	Showcase Title
First place	Kathleen Ho, Shuttan Xu, Schinnee Oswal, and Devaki Behralkar	DIBBS: Save Food, Do Good
Second place	Rachneet Kaur, Clara Schaye, and Daniel Yee	IoT Dishwasher
Third place	Gaurav Singh, Sreekalyan Patiballa, and Xiaotian Zhang	Soft pneumatic climbing/crawling robot
Third place	Rorey Seligmann, Max Kim, Russell Seligmann, and Brian Roper	Laybr
Honorable mention	Chris Heejun Park and Shilin (Summer) Xia	Light Fashion



Industrial and Enterprise Systems Engineering

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN



Student Societies

Institute of Industrial & Systems Engineers (IISE) – professional, social, and service



INFORMS – society for professionals in the field of operations research, management science, and analytics



Alpha Pi Mu – Industrial Engineering & Systems Engineering and Design honor society



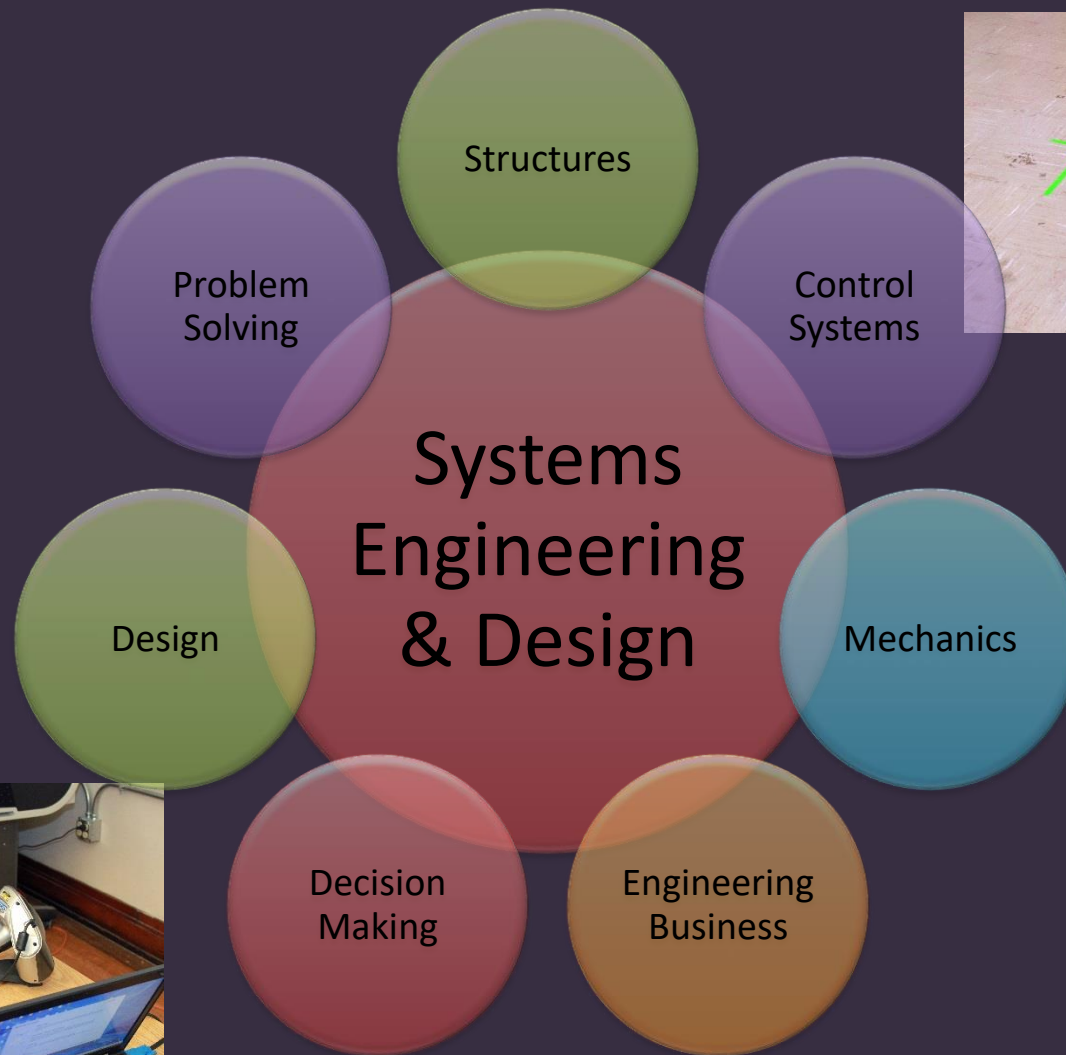
Industrial and Enterprise Systems Engineering

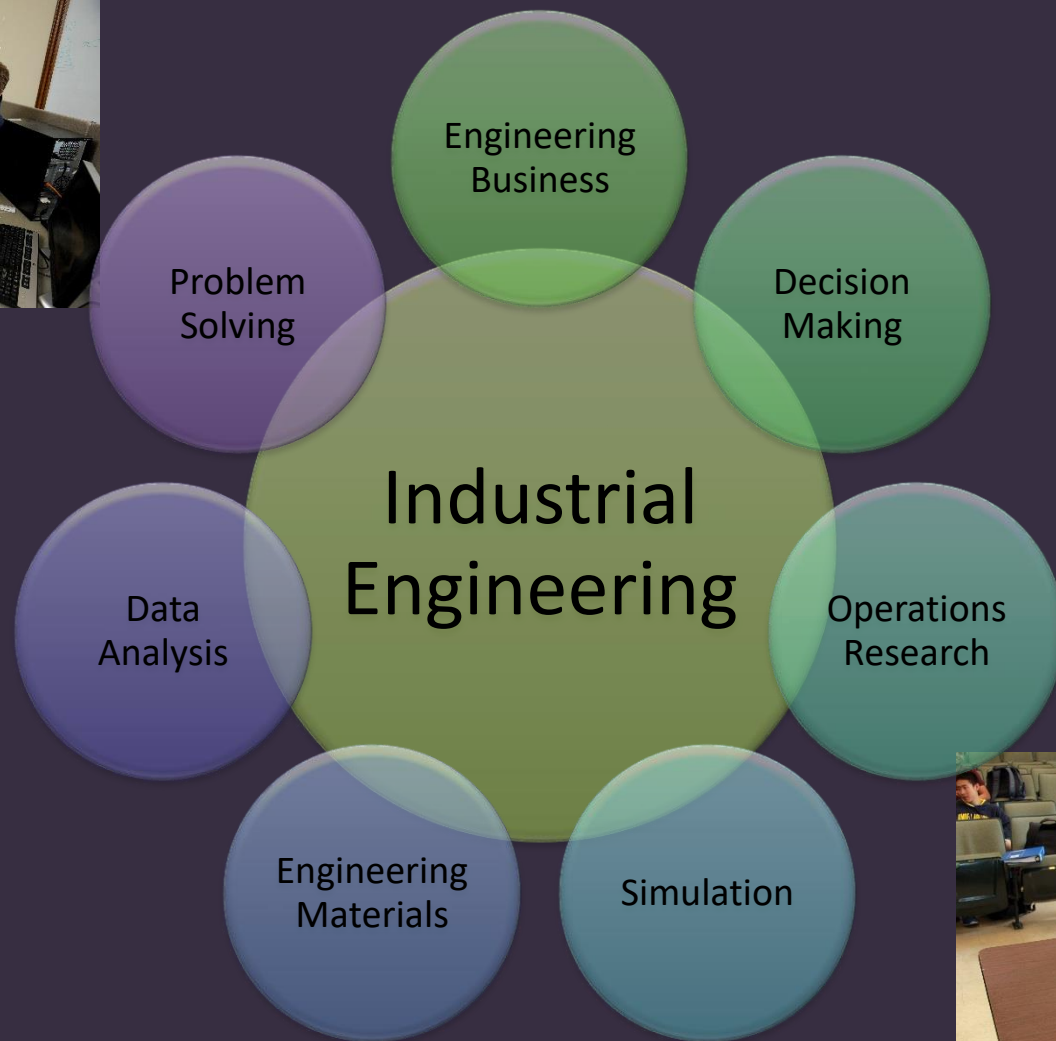
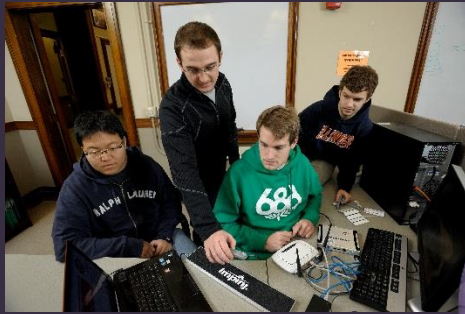
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN



Dynamic curriculum map for the Systems
Engineering & Design (SED) curriculum

Dynamic curriculum map for the Industrial
Engineering (IE) curriculum





Program Highlights

Secondary Field Option (SED) & Track Option (IE)

- ability to customize your degree to meet your career goals
- 12 hours in a concentrated area

Senior Engineering Project

- A unique and nationally recognized capstone experience for all Systems Engineering & Design and Industrial Engineering undergraduates
- 100% supported by industry
- Real-world, hands-on experience
- Many alumni say this course was the most valuable academic experience of their undergraduate education



Other Opportunities

- Internship and Career Opportunities
 - **ISE After Hours**
 - Engineering Expo
 - Business Career Fair
 - ECS Career Fair
 - Research Park Career Fair
 - Recruitment Visits
- Minors (currently 77 students enrolled in minors; 6 students have double minors): Computer Science, Electrical & Computer Engineering, Mathematics, Hoeft Technology & Management, Business
- Study Abroad
 - International Programs in Engineering (IPENG)
 - Illinois Abroad and Global Exchange
- Other Activities Available
 - Consulting groups including: CUBE, Illinois Consulting Club, OTCR
 - Service Activities including: Engineering Outreach Society, Engineers Without Borders, Illini 4000, Love Your Melon
- Engineering Societies including: Illini Motorsports, Society of Hispanic Professional Engineers (SHPE), Society of Women Engineers (SWE), Solar Decathlon



Labs:

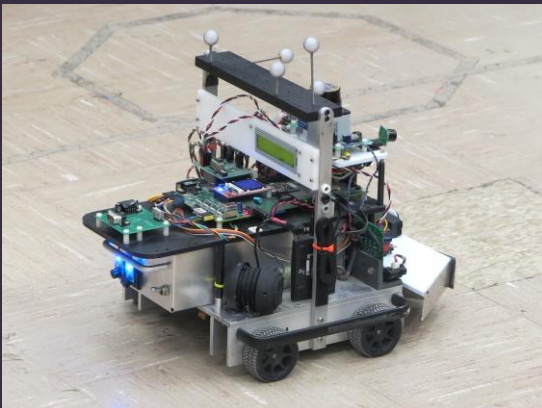
Monolithic Systems Lab: SE 310 & SE 411



Product Design Lab: SE 101 & SE 402



Mechatronics Lab: SE 423



Other Labs:

- Decision Systems Lab
- Enterprise System Design Lab
- Nondestructive Testing and Evaluation Research Lab: SE 311 & SE 312
- Optimization Lab
- Senior Engineering Project Design Studio
- Virtual Reality Lab

WHERE DO ISE GRADUATES GO AFTER GRADUATION? HERE'S LAST YEAR'S EXAMPLES.

Abbott Laboratories Accenture ActiView Group AIG AIM Allstate Insurance Company Amazon Aon Inpoint Appirio Apple
Aramark Bain & Company Belcan Engineering Belvedere Trading Bluewolf BNSF Railway BW Design Group C3 IoT Capital
One CB&I Centric Consulting Chief Enterprises Inc CKL Engineers Clarity Solution Group Cognizant Contax Cooley Crowe
Horwath Custom Aluminum Products Deloitte Discover Financial Services DO & CO Group E2open Eaton EBO Cambridge
Eby-Brown Electroimpact Enova International Epic Systems Experfy Experience On Demand EY Fellowship of Catholic
University Students (FOCUS) Fiat Chrysler Ford Motor Company Gallagher Asphalt Gelber Group General Electric General Mills
Great Lakes Technologies Highraddius Hitachi Consulting Infosys Public Services Integrys Energy Group Intel Interlake Mecalux
John Deere JPMorgan Chase K-Rise Systems Kettering University Keyence Corporation Kimberly-Clark King Fahd University of
Petroleum & Minerals KPMG Liberty Mutual Insurance Lockheed Martin Manhattan Associates Martin Engineering MasterCard
Medline Industries Molex Motorola Solutions Mu Sigma Naico National Institute of Standards and Technology (NIST) National
University of Singapore Navistar Northrop Grumman OH Pharmaceutical Omron Industrial Automation Orc Group PepsiCo
Philadelphia Insurance Pinnacle Foods Pinnacle AIS Precision Castparts Corp. PricewaterhouseCoopers (PwC) Prince Castle
Procter & Gamble Red Chalk Group Rifast Systems LLC Rockwell Automation Ryder Systems Logistics Samsung SapientNitro
Sargent & Lundy Sense Advisory Smalley State Farm Insurance Strata Decision Technology Symons by Dayton Superior
TekLink International Tesla Motors The Fitzpatrick Company The Imperial Group The Walt Disney Company ThyssenKrupp
Presta U.S. Navy U.S. Postal Service Ulta Beauty University of Missouri-St. Louis University of Southern California UPS VCE
Company Wainwright Industries Walgreens West Monroe Partners Whirlpool Workday Yahoo! Yaskawa ZS Associates

engineer your career



INDUSTRIAL AND ENTERPRISE SYSTEMS ENGINEERING AT ILLINOIS ise.illinois.edu



Industrial and Enterprise Systems Engineering

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN



Employment Statistics

Major	Number of Responses	Employed	Continuing Education	Volunteer/Service	Seeking Employment	Seeking Education	Other
General Engineering	50	88%	8%	0%	2%	0%	2%
Industrial Engineering	62	80%	5%	0%	10%	3%	2%

All majors demonstrated strong graduation outcomes with 84% to 97% of respondents reporting secured first destinations. General Engineering and Industrial Engineering had the second and third highest employment rate in the College.

Employment Statistics Cont'd.

Major	Number of Graduates Full-Time Employed	Number of Full-Time Employed Graduates Reporting Salaries	Average Salary	25th Percentile	50th Percentile	75th Percentile
General Engineering	44	39	\$64,782	\$60,000	\$65,000	\$71,000
Industrial Engineering	48	36	\$64,764	\$60,000	\$65,000	\$70,000
73% of full-time employed College of Engineering respondents reported salaries, averaging \$71,856. In addition, 39% reported signing bonuses, averaging \$7,208. Bonuses in the 25th percentile were \$4,000, while those in the 75th percentile were \$10,000.						

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