

EGL Honors Students

Interested in becoming a leader in today's highly competitive world of Operations?

The Tauber Institute is a joint venture between the University of Michigan's Stephen M. Ross School of Business and the College of Engineering, and many industry partners to facilitate cross-disciplinary education in global operations management. It was founded in 1993 to meet Industry's need for a new kind of graduate—one who has an exceptional academic background, extensive professional experience, and most importantly, can successfully integrate business and engineering perspectives to lead global operations into the future.



Academics/Courses

Topics in Global Operations is a required course which gives an overview of key aspects of a firm's operations. **Manufacturing & Supply Operations**, also required for EGL students, teaches concepts and techniques of operations and inventory management with an emphasis on lean operations and principles. Additional electives in Michigan Ross serve to expand the understanding of engineering decisions on the corporation.



Professional Skills/Leadership AdvantageSM Program

A series of modules teaching students useful techniques to stand out among their competition in the workplace after degree completion. In conjunction with the Tauber curriculum, students are exposed to important operations topics like Six Sigma and Value Stream Mapping as well as social and professional skills such as Change Management, Presenting with Data, and Project Scoping.



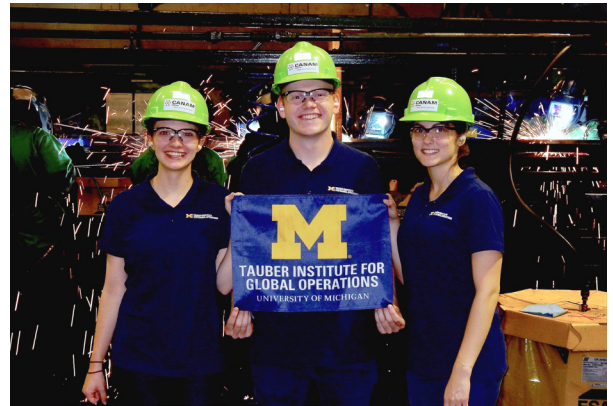
Industry Experience/Team Project

This Tauber 14-week capstone consulting-like project gives a team of engineering and business students the opportunity to deliver high impact results to an industry-leading company.



Timeline

Students admitted to EGL through the College of Engineering Honors Program typically enter Tauber at the Start of their Senior year and complete the project between their Bachelor's and Master's degree.



2019 American Industrial Partners-Canam Group:
L to R: Elena Stefanko (EGL BSE-Electrical Engineering & MSE-Industrial & Operations Engineering), Jack Claucherty (EGL BSE/MSE-Industrial & Operations Engineering), and Almira Dogruyol (EGL BSE/MSE-Industrial & Operations Engineering) onsite at AIP.

TAUBER CLASS OF 2019 INFORMATION

Employers

Invenergy	Safran USA
JP Morgan Chase	Shift
Kraft Heinz	Sigma
LPixel Inc.	SkySpecs
McKinsey & Company	Stanley Black & Decker
Medtronic	Stoneridge Inc
Microsoft	Target Corporation
National Renewable Energy Lab	Tata Consultancy Services
Nike	Uber Technologies Varsity
Northrop Grumman Corporation	Tutors
PA Consulting	Walmart
	ZS Associates

Salaries (EGL Honors Students 21/26 responding)

Industry	Min.	Max.	Median	Signing Bonus
Consulting	\$60K	\$90K	\$82,000	\$5,000
Manufacturing	\$80K	\$96K	\$85,000	\$3,000
Services	\$68K	\$135K	\$88,800	\$20,000

EGL Honors Students Frequently Asked Questions



EGL students celebrate at the 2019 End-of-Year Dinner

Q: What value can the Tauber Institute for Global Operations bring to an engineering student? What are the benefits of obtaining a graduate engineering degree with the Tauber overlay?

A: Through the Tauber Institute for Global Operations you will obtain a guaranteed, paid team project. In addition, you will receive extensive leadership and teamwork training through the LeadershipAdvantageSM Program, and you will have access to both engineering and business school career resources.

Q: What types of engineers (disciplines) are suited for the Tauber Institute for Global Operations?

A: Practically any type of engineer who wants to understand the operations/manufacturing area of a business is well-suited for the Tauber Institute. With skills obtained from the Tauber Institute, for example, chemical engineers can effectively manage the process of drug manufacturer/delivery. In another case, a computer engineer familiar with the supply chain can program controllers to run an automated operation. Also, a Tauber-educated mechanical engineer can bring a design from prototype to wide-scale production in a cost-effective manner that results in great savings for his/her employer.

Q: What if I have no previous business experience? Will this be a problem for the team project?

A: Working as a team with at least one business student, the engineering student brings his/her technical skills to the project complementing their teammates' business knowledge. Through the LeadershipAdvantageSM Program both business and engineering students learn how to effectively collaborate with teammates who come from a variety of backgrounds with a robust set of skills and experience.

Q: At what point in my (engineering) academic career do I complete the Tauber project?

A: EGL students typically complete their project during the summer between their senior and graduate year.

Q: What kind of industries and positions do Tauber engineers work in after graduation?

A: Depending upon their interests, Tauber engineers take jobs with a variety of companies—traditional operations/manufacturing companies, consulting companies and service industries. Some of the positions they accept include Business Analyst, Inventory Planner, Consultant, Operations Analyst, and Supplier development Engineer.

Q: What is Spotlight?!

A: Upon project completion, all teams return to U-M to compete in the annual *Spotlight!* Scholarship event held in mid-September. Each team presents their project results to corporate representatives, students, alumni and faculty. Judges from top firms evaluate projects on the basis of scope implementation and overall presentation skills.



Scan to experience *Spotlight!*

Contact

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