



## OUR MISSION

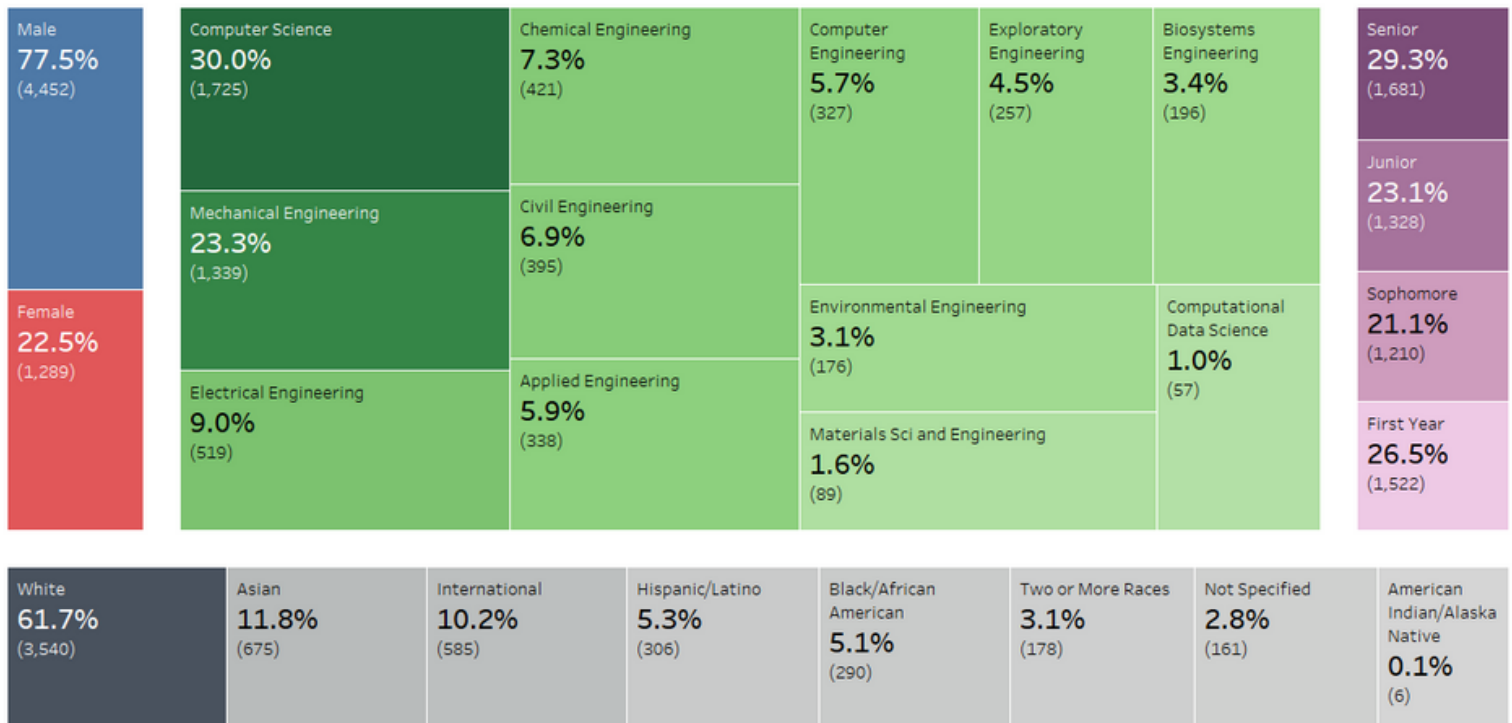
The Center serves to educate, engage and connect engineering students with the tools and information they need to begin their career exploration and beyond. From cover letters and resumes to internships/co-ops and full-time opportunities, The Center covers the complete spectrum of career engagement.

## HIGHLIGHTS

- Maintained strong student and employer engagements by providing 16 virtual events hosted on Handshake's virtual platform.
- Partnered with schools in the Big 10 and across Michigan on three virtual events, TechConnect - Women in Computing, Engineered Across the Lakes and Engineered in the Mitten.
- Expanded offering of career resources available on our website by publishing an expansive WHO based curriculum for students to use.
- Launched a Career Cohort program for first and second year students to expand their knowledge on career readiness topics.

## Fall 2021 Undergraduate Enrollment Composition

Total Enrollment = 5,741



## Student Outreach & Engagement

In the 2021-2022 academic year there were **5,741 undergraduate engineering students**.

### CAREER ADVISING

Our full-time staff and student workers conducted **626 in-person advising appointments** and **1,122 virtual advising appointments**.

### Breakdown of Ethnicity in Advising Appointments

51% White

28% Non White

17% International

4% Not Specified

### WORKSHOPS

Conducted **60 virtual workshops** engaging with **+1200 students**

### HANDSHAKE

*MSU's online recruiting system*

- ▶ 5,412 total unique student log-ins
- ▶ 5,075 students have resumes in the system
- ▶ 2,588 students have a completed profile

## DIGITAL ENGAGEMENT

Utilized website, social media and a weekly newsletter to share event information, development opportunities & job postings. We also launched a TikTok account in effort to expand our reach.

### WWW.CAREERS.EGR.MSU.EDU

17,299 page views and 10,574 unique visitors

**84.6% increase in page views since 2020-2021**



**300,000 impressions**



**1,520 views and 17,660 impressions**



Weekly Newsletter  
**20% average open rate**

## FIRST & SECOND YEAR OUTREACH

**Career Cohort Program** offered 6 sessions on career readiness topics and activities including career exploration, resumes, interviewing, value propositions, and networking.

**130 students** participated in at least one session.

**95%** of surveyed participants would recommend this program to their peers

**The Escape Room** offers a fun and interactive experience for students to learn and practice skills that employers value. Upon completion, participants are debriefed about how utilized skills can be leveraged for internships/co-ops.

**488 unique students** participants

**72%** of participants had never been to The Center before

## FRESHMEN ENGAGEMENT HIGHLIGHTS

During the 2021-2022 academic year, there were 1,393 freshmen engineering students

**14%** had a career advising appointment

**92%** have logged in to Handshake

**10%** participated in a virtual career fair

**80%** have a resume in Handshake

## Building & Maintaining Employer Relationships

In the 2021-2022 academic year there were **7,500+** employers that recruited Spartan Engineers.

Our employer partnership program generated over \$180K in corporate revenues to assist with the career programs and student organization support.

### VIRTUAL EVENTS

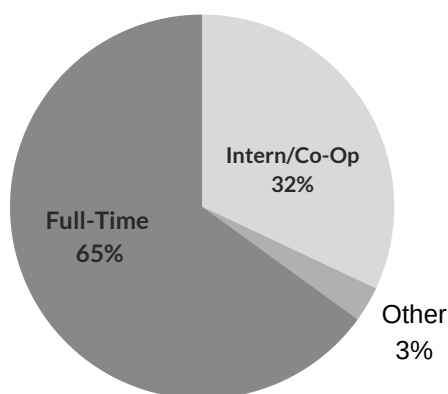
135 employers hosted **285** virtual events targeting engineers.

### JOB POSTINGS

+30,000 job postings targeting engineers via Handshake

17% of all postings were remote

#### Job Postings by Type



### APPLICATIONS

1,562 students applied to a job resulting in 21,124 applications submitted

### TOP STATES FOR APPLICANTS



Michigan



California



Texas



Massachusetts



New York

### TOP INDUSTRIES FOR APPLICANTS

Internet & Software

Automotive

Manufacturing

Construction + Civil

Electronic + Computer

Hardware

## VIRTUAL CAREER EVENTS

Coordinated **16** virtual engineering career events with **382** unique employer participants. **2,936** students checked in for at least one event and on average students participated in **2** career events.

**2,692** check-ins for group sessions

**14,124** 1:1 meetings took place (10min/each)

#### Attendance by Ethnicity

64% White

11% International

22% Non White

3% Not Specified

#### Attendance by Gender

71% Male

29% Female

## TOP 10 EMPLOYERS BASED ON UNIQUE STUDENT ENGAGEMENT AT FAIRS

Bosch (443) \*

Tesla (434) \*

GE (370) \*

Stryker (320) \*

Whirlpool (302) \*

Amazon (204)

Rocket (200) \*

General Mills (196)

Stelantis (195) \*

3M (191)

\* Denotes partners with The Center

To see a complete list of our employer partners head over to [www.careers.egr.msu.edu](http://www.careers.egr.msu.edu)

## Experiential Education EGR X

EGR X (formerly EGR 393) is a series of one credit courses designed to enhance a student's experiential education work term by simulating opportunities for non-technical aspects of professional development and assessment of expectations. In addition, the student will be guided through an in depth appraisal of their post-graduation professional options.

## COURSE ENROLLMENT (SUMMER 2021 - SPRING 2022)

Throughout the 2021-2022 academic year, we recorded **431 enrollments** in EGRX by **362 unique students**. This represents only those students who chose to register their experience for credit (approx. 30% of interns / co-ops).

EGR 193 (Virtual Experience)	EGR 391 (First Experience)	EGR 392 (Second Experience)	EGR 493 (Third Experience)	EGR 494 (Fourth Experience)
56	202	88	61	23
Unique Students			Total Enrollments	
362			431	

Clearly, students see the value of experiential education. Strong enrollments in 392-494 indicate a high rate of return for second, third and fourth internships / co-ops.

## TOP EMPLOYERS FOR EGR X

DTE ENERGY (10)  
DELTA DENTAL OF MI (6)  
MSU IPF (4)  
AUTODESK (3)  
BLUE CROSS BLUE SHIELD OF MI (3)

## ENROLLMENT BREAKDOWN BY ETHNICITY

50% White

16% International

21% Non White

3% Not Specified

MEDIAN HOURLY WAGE  
(SUMMER 2021)

**\$20.00**



The Virtual Experience, EGR 193, was designed to offer students virtual professional development opportunities through assignments, workshops and networking events during the summer.

## COMMUNITY PARTNERS

We partnered with After 5 Detroit, Lansing 501 and The Engineering Society of Detroit to offer **+60 unique virtual events for students participating in any section of EGR X.**

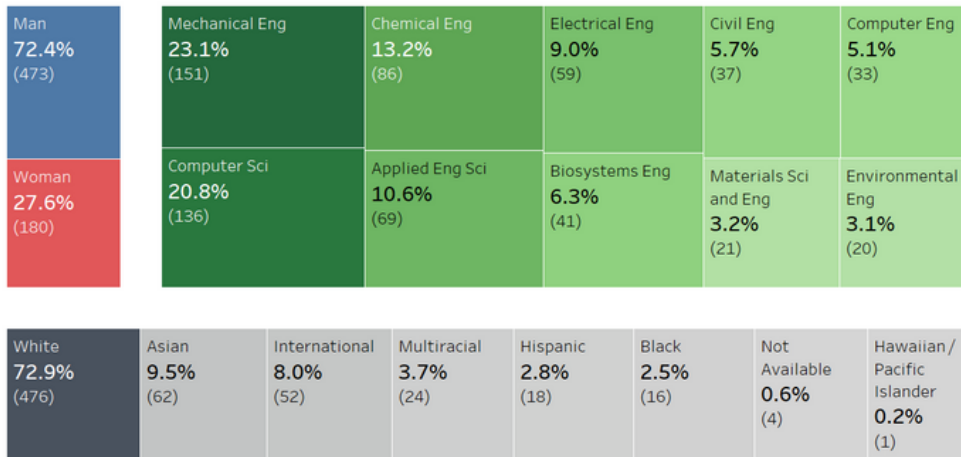


## NATIONAL INTERN DAY

For National Intern day we coordinated a full day of workshops, 5 in total, that offered training in interviewing, career fair prep, WHO Logic and recruiter insights. **Attendance for the days event was +100.**

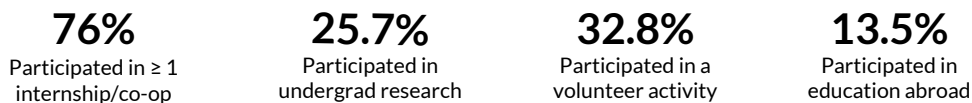
# 2021 Graduate Career Outcomes

## Class Composition



(boxes are log-scaled for clarity)

## Co-Curricular Experiences

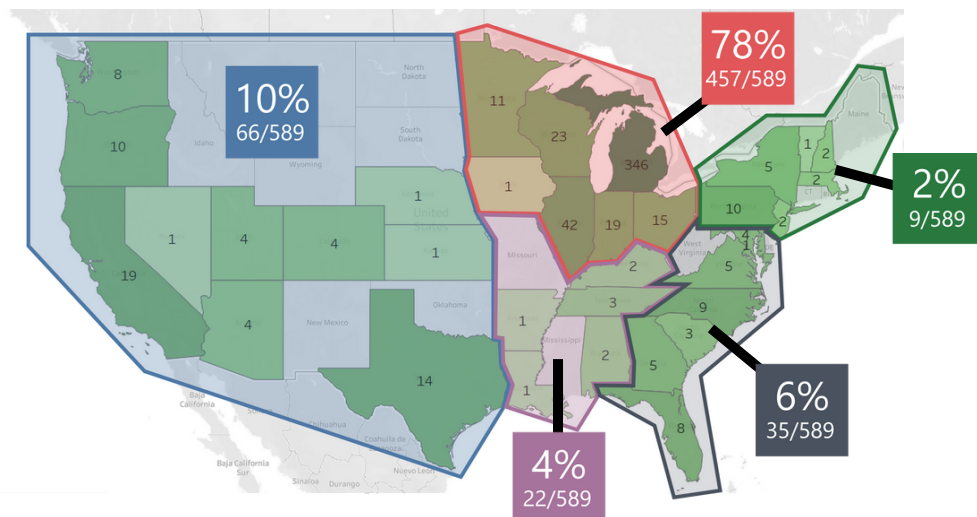


## Top Destinations

Of the 598 graduates reporting destinations, 57.9% (346) were employed in Michigan, and 76.8% (459) reported employment in the Midwest.

by Employer	by State	by City (MI)	by City (non-MI)
1. General Motors (33)	1. Michigan (346)	1. Detroit* (145)	1. Chicago, IL* (41)
2. Ford Motors (23)	2. Illinois (42)	2. Lansing* (37)	2. Madison, WI* (17)
3. Epic (12)	3. Wisconsin (23)	3. Grand Rapids* (18)	3. Minneapolis, MN* (10)
4. Microsoft (7)	4. California (19)	4. Kalamazoo* (14)	4. Portland, OR* (8)
5. Target (7)	5. Indiana (19)	5. Jackson (14)	5. Bay Area, CA* (8)
6. Eaton (6)	6. Ohio (15)	6. Ann Arbor (11)	6. Seattle, WA* (8)
7. PepsiCo (6)	7. Texas (14)	7. Flint* (3)	7. Washington, DC* (8)
8. Brooksource (5)	8. Minnesota (11)	8. Traverse City (2)	8. Indianapolis, IN* (7)
9. Pfizer (5)	9. Oregon (10)	9. Holland (2)	9. New York, NY* (6)
10. Amway (4)	10. Pennsylvania (10)	10. St. Joseph (2)	10. Atlanta, GA* (5)

(\* denotes metropolitan area, including suburbs)



## KEY STATS

Data Represents Spring 2021  
Graduating Undergraduates

**80.1%**  
Knowledge Rate  
(598/747 responses)

**95.3%**  
Placement Rate  
(570/598 employed or  
continuing education)

**\$68,853**  
Average Starting Salary

**\$70,000**  
Median Starting Salary

**81.8%**  
Engaged in full- or part-time  
employment

**13.5%**  
Enrolled in graduate school or  
other continuing education

To see graduate outcomes by  
department, head to

[www.careers.egr.msu.edu/reports](http://www.careers.egr.msu.edu/reports)