

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

After successful fall and spring recruiting seasons The Center transitioned all of our services for students and employers online in March.

- Extended virtual offering of advising, workshops and other programs through the summer to help assist students impacted by Covid.
- Created Virtual Internship course that offered 200+ professional development and networking virtual events to students unable to secure an internship.
- Coordinated 4 high volume engineering focused events (Co-Op/Intern Exchange, Expo, Partners Week, Engineered in the Mitten) with 2200+ students in attendance and 852 day after interviews.

Fall 2019 Undergraduate Enrollment Composition

M 76.8% (4,004)	Mechanical Engineering 26.0% (1,354)	Electrical Engineering 8.3% (432)	Computer Engineering 5.9% (310)	Biosystems Engineering 4.2% (220)	Senior 41.6% (2,169)
	Computer Science 25.2% (1,315)	Applied Engineering Sciences 7.9% (412)			Junior 20.6% (1,073)
	F 23.2% (1,210)	Chemical Engineering 10.4% (542)	Civil Engineering 6.5% (338)	Environ Engineering 3.3% (171)	Materials Sci and Engineering 2.3% (120)
					First-Year 16.9% (883)

White 66.0% (3,440)	International 13.1% (683)	Asian / Pacific Islander 8.8% (458)	Black 4.3% (224)	Hispanic 3.9% (205)	Multiracial 3.0% (158)	Not Reported 0.7% (39)	Native American 0.1% (7)
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Student Outreach & Engagement

In the 2019-2020 academic year there were **6009** undergraduate engineering students.

CAREER ADVISING

Our full-time staff and student workers "career peers" conducted **+2000** advising appointments, **14%** of those were virtual.

ACADEMIC ORIENTATION PROGRAM

Increased engagement **75%**, connecting with **420** incoming freshmen to discuss career readiness.

MOCK INTERVIEWS

139 mock interviews conducted

WORKSHOPS

Conducted **38** workshops engaging with **+1700** students

SPRING BREAK CORPORATE TOUR

Took a group of 27 students on 9 company tours across the Carolinas and Florida to connect with employers while exploring the offerings of the region.

DIGITAL ENGAGEMENT

Utilized website, social media and a weekly newsletter to share event information, development opportunities & job postings.

250K total impressions across all platforms



Weekly Newsletter
26% average open rate

HANDSHAKE

MSU's online recruiting system

- ▶ 5,662 total unique student log-ins
- ▶ 3,059 students have resumes in the system
- ▶ 2,660 students have a completed profile
- ▶ 1,256 students applied to a job resulting in 15,668 applications submitted

FRESHMEN ENGAGEMENT HIGHLIGHTS

At the start of the 2019-2020 academic year there were 1639 freshmen engineering students

44% had a career advising appointment

98% have logged in to Handshake

20% participated in a virtual career fair

76% have a resume in Handshake

Building & Maintaining Employer Relationships

In the 2019-2020 academic year there were over **6500** employers that recruited spartan engineers, both virtually and on-campus.

EMPLOYER EVENTS

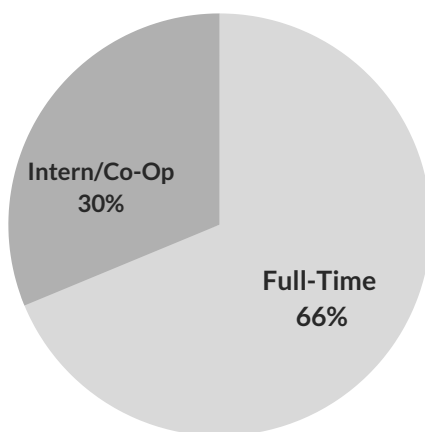
employers hosted **19** events targeting engineers.

JOB POSTINGS

+44,000 job postings targeting engineers via Handshake

**Includes jobs targeting all majors*

Full-Time vs Intern /Co-op Job Postings



33% increase in co-op postings since 2018-2019

TOP 5 STATES FOR APPLICANTS



Michigan



California



Illinois



Texas

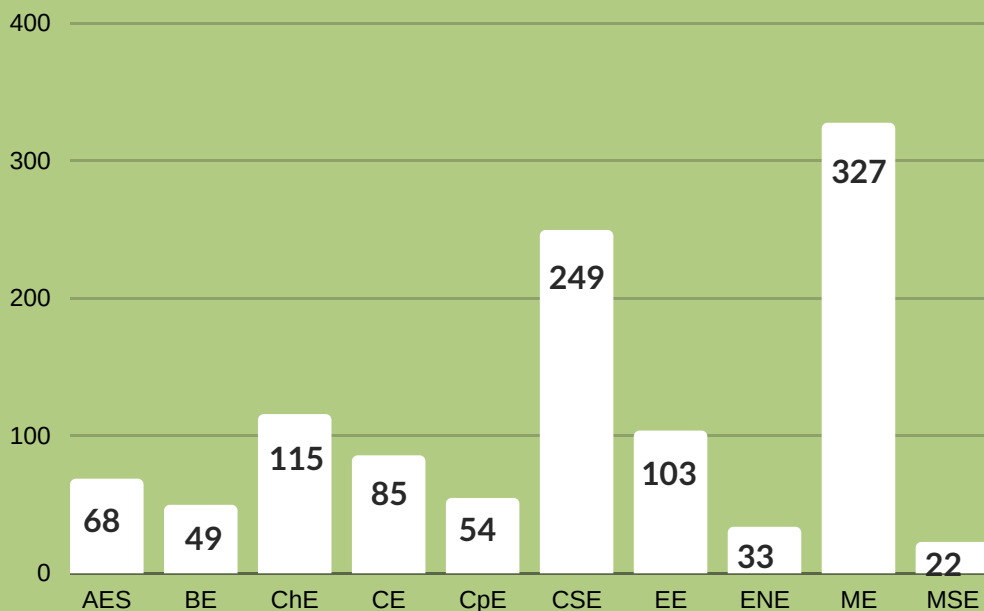


Ohio

CAREER FAIRS

Coordinated 4 high volume engineering focused events (Co-Op/Intern Exchange, Expo, Partners Week, Engineered in the Mitten) with **2200+** students in attendance and **852** day after interviews.

ATTENDANCE BY MAJOR



48%

of graduating seniors found full-time employment from attending a career fair

EGR 393 Experiential Education

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.

MEDIAN HOURLY WAGE
(SUMMER 2020)

\$21.00

COURSE ENROLLMENT (Fall 2019-Summer 2020)

Throughout the 2019-2020 academic year, we recorded **499 enrollments in EGR 393**. This represents only those students who chose to register their experience for credit (approx. 30% of interns / co-ops).

TOP EMPLOYERS FOR STUDENTS IN EGR X

TOP 5 EMPLOYERS IN MICHIGAN

DTE (16)

FRAUNHOFER USA, INC. (12)

CONSUMERS ENERGY (8)

BORGWARNER (7) DOW (7)

TOP 5 EMPLOYERS OUTSIDE MICHIGAN

DEPUY SYNTHES - IN (13)

MARATHON - OH (8)

AMCOR - WI (6)

GE AVIATION - VARIOUS (5)

TESLA, INC - NV/ CA (4)



In response to the transition to remote work and reduction of intern/co-op opportunities, The Center created "The Virtual Experience." EGR 193 was designed to offer students virtual professional development opportunities through assignments, workshops and networking events.

COMMUNITY PARTNERS

We partnered with WayUp, TechFest, After 5 Detroit and The Engineering Society of Detroit to offer +200 unique virtual events.



NATIONAL INTERN DAY

For National Intern day we coordinated a full day of workshops, 8 in total, that offered training in Tableau, Six Sigma, Resumes, Case Studies, LinkedIn and an employer panel. Attendance for the days event was +500.

2019 Graduate Survey Placement Data

Data from 616 of 743 graduating students receiving a bachelor's degree (83% response rate)

CAREER OUTCOMES

97.6%

of graduates reported a career outcome (working/continuing education)

SALARY DATA

338 reported salary data

Average Salary

\$66,869

SEARCH RESOURCES

34% Previous Intern/Co-Op/Work

31% Handshake/Other Job Posting Source

52% On-Campus Recruiting Event

10% MSU Faculty/Staff/Academic Program

27% Personal Network/Family Friend/Other

14% Social Networking

CO-CURRICULAR ACTIVITIES

94% of students indicated participation in a Career Based Experience during their time at MSU. Below is a breakdown of the different types of activities they participated in.

97%

Out of Classroom Experience (internship or co-op)

53%

Volunteer

54%

Research

28%

Study Abroad

GEOGRAPHIC DISTRIBUTION

A total of 489 graduates reported their employment location.

56% (274) were employed in Michigan

77% (376) were employed in the Midwest

66% (252) of students originally from Michigan stayed in Michigan after graduation

