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.

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Fall 2021 Undergraduate Enrollment Composition
Total Enrollment = 5,741

### Male
- Computer Science: 30.0% (1,725)
- Chemical Engineering: 7.3% (422)
- Mechanical Engineering: 23.3% (1,339)
- Civil Engineering: 6.9% (398)
- Electrical Engineering: 9.0% (510)

### Female
- Computer Science: 25.0% (1,416)
- Chemical Engineering: 5.7% (331)
- Mechanical Engineering: 20.7% (1,180)
- Civil Engineering: 5.9% (328)
- Electrical Engineering: 10.0% (560)

### International Students
- Asian: 11.8% (575)
- Hispanic/Latino: 5.3% (306)
- Black/African American: 5.1% (290)

### Race
- White: 61.7% (3,540)
- Asian: 11.8% (675)
- International: 10.2% (585)
- Hispanic/Latino: 5.3% (306)
- Black/African American: 5.1% (290)
- Two or More Races: 3.1% (178)
- Not Specified: 2.8% (151)

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**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.
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
- 10% participated in a virtual career fair
- 92% have logged in to Handshake
- 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.

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

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
22% Non White
11% International
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
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.

**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)

**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).

<table>
<thead>
<tr>
<th>Course Experience</th>
<th>Enrollments</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGR 193 (Virtual)</td>
<td>56</td>
</tr>
<tr>
<td>EGR 391 (First)</td>
<td>202</td>
</tr>
<tr>
<td>EGR 392 (Second)</td>
<td>88</td>
</tr>
<tr>
<td>EGR 493 (Third)</td>
<td>61</td>
</tr>
<tr>
<td>EGR 494 (Fourth)</td>
<td>23</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unique Students</th>
<th>Total Enrollments</th>
</tr>
</thead>
<tbody>
<tr>
<td>362</td>
<td>431</td>
</tr>
</tbody>
</table>

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.

**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

<table>
<thead>
<tr>
<th>Field</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Man</td>
<td>72.4%</td>
</tr>
<tr>
<td>Woman</td>
<td>27.6%</td>
</tr>
</tbody>
</table>

### Co-Curricular Experiences

- 76% participated in ≥ 1 internship/co-op
- 25.7% participated in undergrad research
- 32.8% participated in a volunteer activity
- 13.5% participated in education abroad

### Top Destinations

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

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

### Key Stats

- **Knowledge Rate**: 80.1% (598/747 responses)
- **Placement Rate**: 95.3% (570/598 employed or continuing education)
- **Average Starting Salary**: $68,853
- **Median Starting Salary**: $70,000
- **Engaged in full- or part-time employment**: 81.8%
- **Enrolled in graduate school or other continuing education**: 13.5%

To see graduate outcomes by department, head to [www.careers.egr.msu.edu/reports](http://www.careers.egr.msu.edu/reports).