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

- Coordinated Industry Days, an expo event where companies showcased their latest technologies through hands-on, interactive demonstrations for students to engage.
- Launched EV Scholars Program with the goal of connecting engineering students interested in EV and mobility careers with companies looking for talent.
- Over $180K in corporate revenues were brought in to assist with Career Programs; with $36K going to diversity, equity and inclusion student organizations and/or programs.
- Maintained strong engagement with employer and students through hybrid offering of virtual and in-person resources, events and programs.

Fall 2022 Undergraduate Enrollment Composition
Total Enrollment = 5946
Student Outreach & Engagement
In the 2022-2023 academic year there were 5946 undergraduate engineering students.

CAREER ADVISING
Our full-time staff and student workers conducted 1,745 career advising appointments.

Breakdown of Ethnicity in Advising Appointments
- 45% White
- 29% Non White
- 23% International
- 3% Not Specified

WORKSHOPS
Conducted 48 workshops engaging with +700 students

HANDSHAKE
MSU’s online recruiting system
- 6,551 total unique student log-ins
- 5,658 students have resumes in the system
- 2,959 students have a complete profile

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

WWW.CAREERS.EGR.MSU.EDU
36,424 page views and 10,639 unique visitors
110% increase in page views since 2021-2022

300,000 total digital impressions
Instagram saw a 134% increase in reach compared to previous year.

Newsletter Average Open Rate
General Career Newsletter 25%
Co-Op Newsletter 23%
Freshman Newsletter 26%

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.

163 students participated in at least one session.

“I liked how collaborative and relaxed it was but yet very informative and critical on details on how to improve your professionalism.”

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.

441 unique students participants
60% of participants had never been to The Center before

FRESHMEN ENGAGEMENT HIGHLIGHTS
During the 2022-2023 academic year, there were 1,768 freshmen engineering students

19% had a career advising appointment
19% participated in a career event
81% have logged in to Handshake
74% have a resume in Handshake
Building & Maintaining Employer Relationships

In the 2022-2023 academic year there were 9,500+ 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.

EMPLOYER EVENTS
99 employers hosted 189 events targeting engineers.

Job Postings by Type
Full-Time 61%
Intern/Co-Op 38%
Other 1%

APPLICATIONS
2,739 students applied to a job resulting in 45,298 applications submitted

TOP STATES FOR APPLICANTS
- Michigan
- California
- Texas
- Illinois
- New York

TOP INDUSTRIES FOR APPLICANTS
- Internet & Software
- Automotive
- Manufacturing
- Electronic + Computer Hardware
- Construction + Civil

CAREER EVENTS
Coordinated 18 careers events with 382 employer participants and 1963 unique students check ins.

Student Attendance by Ethnicity (across all events)
- 54% White
- 16% International
- 26% Non White
- 3% Not Specified

- Partners Showcase kicked off recruiting season with 21 partners companies and 758 students across 3 events, Freshman Extravaganza, Diversity Leaders Mixer and Career Exchange.
- Industry Days brought in 62 companies showcasing their latest technologies through hands-on, interactive demonstrations for students to engage. The event brought in 1126 students with 42% of attendees being freshman & sophomores.
- Hosted 6 major specific virtual exchanges with 179 companies, 941 unique students and 4349 1:1 student/employer meetings.
- Led the coordination of 4 multi-school virtual career events with 186 companies and 2411 unique students.
**Experiential Education**

EGR X 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 2022)**

$21.24

**COURSE ENROLLMENT (SUMMER 2022 - SPRING 2023)**

Throughout the 2022-2023 academic year, we recorded 431 enrollments in EGRX by 339 unique students. This represents only those students who chose to register their experience for credit (approx. 30% of interns / co-ops).

**Enrollment breakdown by course**

<table>
<thead>
<tr>
<th>Course</th>
<th>EGR 301 (First Experience)</th>
<th>EGR 302 (Second Experience)</th>
<th>EGR 403 (Third Experience)</th>
<th>EGR 404 (Fourth Experience)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enrollment count</td>
<td>201</td>
<td>99</td>
<td>54</td>
<td>30</td>
</tr>
</tbody>
</table>

EGR 193 is a virtual course offered as skill development for students not placed.

**Enrollment breakdown by ethnicity**

- 54% White
- 19% Non White
- 22% International
- 1% Not Specified

**TOP EMPLOYERS FOR EGR X**

DTE ENERGY (15)
FORD MOTOR COMPANY (8)
DELTA DENTAL OF MICHIGAN (7)
MSU FACILITY FOR RARE ISOTOPE BEAMS (6)
FRAUNHOFER USA, INC. (6)

**MICHIGAN SCHOLARS PROGRAM**

MSU partnered with the Michigan Economic Development Corporation on a pilot program to foster hiring in the electric vehicle and mobility industries. The goal of the program is to connect engineering students interested in EV and mobility careers with companies looking for talent.

- Student in the program were involved in Career Prep directed at the EV Industry
- We hosted 4 special engagement events where students could connect with companies in the EV Industry
- Successful Scholars will qualify for up to $10,000* in scholarships

**ENROLLMENT OVERVIEW**

In spring of 2023, The Center launched 3 cohorts with with 65 total students.

**Breakdown of Ethnicity**

- 30% White
- 50% Non White
- 13% International
- 4% Not Specified
### 2022 Graduate Career Outcomes

#### Class Composition

<table>
<thead>
<tr>
<th>Field</th>
<th>Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Science</td>
<td>25.6%</td>
<td>(196)</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>7.9%</td>
<td>(63)</td>
</tr>
<tr>
<td>Biomedical Engineering</td>
<td>6.6%</td>
<td>(55)</td>
</tr>
<tr>
<td>Computer Engineering</td>
<td>5.5%</td>
<td>(44)</td>
</tr>
<tr>
<td>Material Science</td>
<td>3.2%</td>
<td>(24)</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>21.6%</td>
<td>(164)</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>6.7%</td>
<td>(51)</td>
</tr>
<tr>
<td>Chemical Engineering</td>
<td>12%</td>
<td>(61)</td>
</tr>
<tr>
<td>Data Science</td>
<td>.92%</td>
<td>(7)</td>
</tr>
</tbody>
</table>

### Top Destinations

Of the 504 graduates reporting destination locations, 57.3% (289) were employed in Michigan, and 75.2% (379) reported employment in the Midwest.

#### by Employer
1. General Motors (26)
2. Ford Motor Company (16)
3. Amazon (12)
4. GE (12)
5. Epic Systems (9)
6. Bosch (6)
7. General Mills (6)
8. Pfizer (6)
9. Accenture (5)
10. Auto-Owners Insurance (5)

#### by State
1. Michigan (289)
2. Illinois (34)
3. Texas (31)
4. California (20)
5. Wisconsin (18)
6. Ohio (15)
7. Indiana (11)
8. Minnesota (11)
9. New York (9)
10. Washington (9)

#### by City (MI)
1. Detroit* (155)
2. Lansing* (33)
3. Grand Rapids* (32)
4. Ann Arbor* (22)
5. Kalamazoo (20)
6. Jackson (5)
7. Shelby (5)
8. Midland (4)
9. Benton Harbor (2)
10. Bayne City (2)

#### by City (non-MI)
1. Chicago, IL* (26)
2. Minneapolis, MN* (10)
3. Dallas, TX* (7)
4. New York, NY (7)
5. Austin, TX* (6)
6. Milwaukee, WI* (6)
7. Seattle, WA* (6)
8. Indianapolis, IN* (5)
9. Denver, CO (4)
10. Houston, TX* (4)

(* denotes metropolitan area, including suburbs)

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### KEY STATS

Data Represents Spring 2022 Graduating Undergraduates

- **82.5%** Knowledge Rate (628/761 graduates)
- **97.9%** Placement Rate (615/628 employed or continuing education)
- **$73,921** Average Starting Salary
- **$72,500** Median Starting Salary
- **82.8%** Engaged in full- or part-time employment
- **14.7%** Enrolled in graduate school or other continuing education