

Engineering Career Centre

Faculty Council Presentation

February 27, 2024

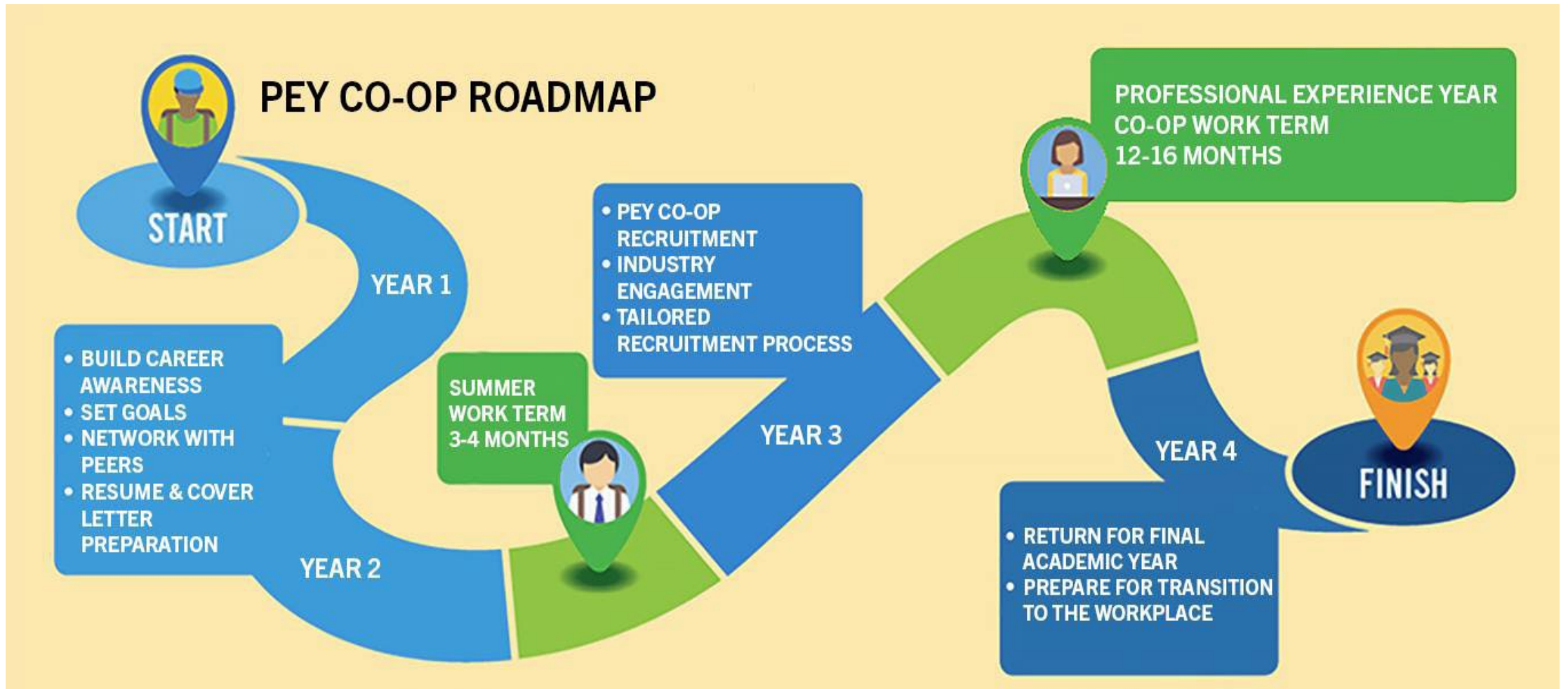
Tom Coyle – Vice Dean Undergraduate

Roger Francis – Executive Director



**ENGINEERING
CAREER CENTRE**

**DEFY
GRAVITY**



PEY Co-op Student Enrollment

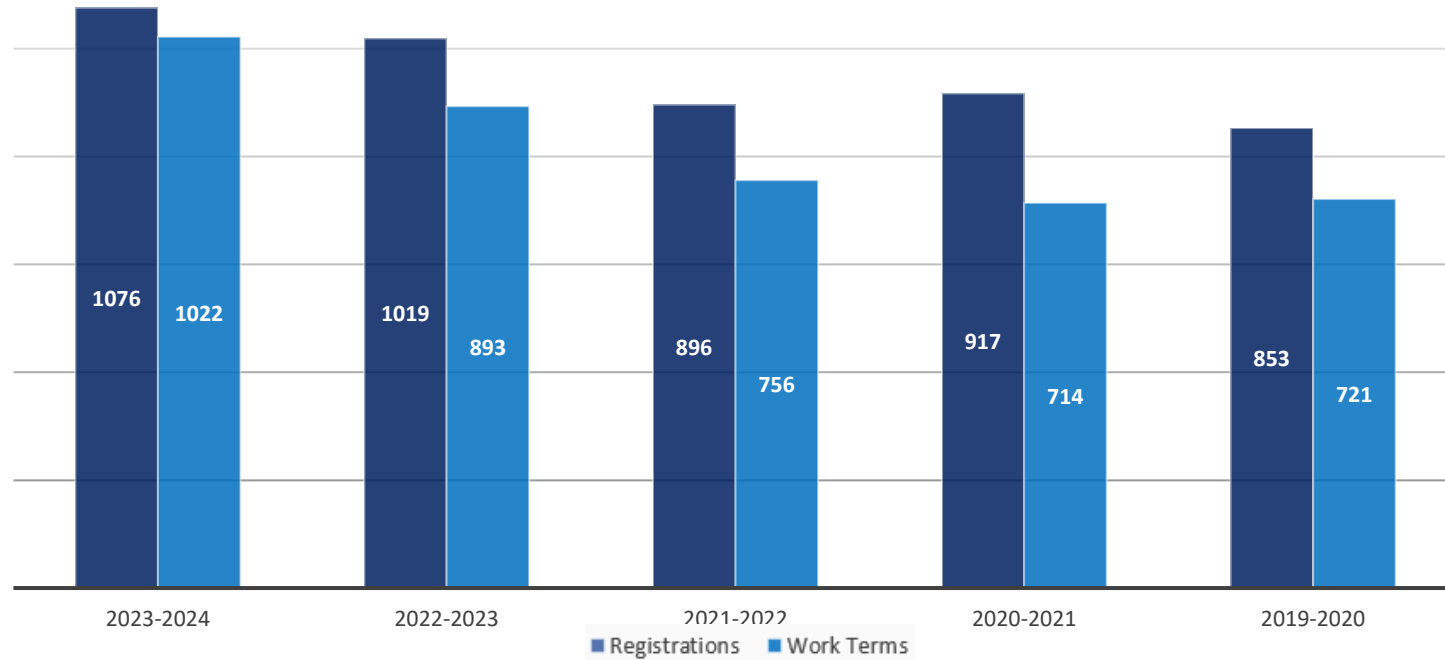
As of January 15, 2024

Campus	Year 1	Year 2	Year 3	PEY	Total
ENG	1411	1231	1114	1022	4778
UTM		287	217	68	572
Total	1411	1518	1331	1090	5350

Student Development and Career Programming

- Preparatory Program
- Transition into workplace
- Peer Coach Mentorship

PEY Co-op Registrations & Work Terms, 2019-2020 to 2023-2024 Engineering Students only



PEY Co-op Registrations & Work Terms

	2023-2024	2022-2023	2021-2022	2020-2021	2019-2020
Registrations	1076	1019	896	946	853
Work terms	1022	893	756	714	721

Note: Engineering students only

Employer and job postings by discipline, 2023-24 WT's

<u>STUDENTS</u>				<u>JOB POSTINGS / POSTIONS</u>
Discipline	Registration	Work terms	Success	Postings – Per Discipline
Chemical	96	95	99.0%	631
Civil	81	77	95.1%	653
Computer	228	220	96.5%	2154
Electrical	105	100	95.2%	1894
Eng Science	237	217	91.6%	2142
Industrial	108	104	96.3%	730
Materials	45	41	91.1%	591
Mechanical	166	158	95.2%	978
Mineral	10	10	100.0%	349
TOTAL	1076	1022	94.98%	3391*

* unique job postings



2024-25 WT Progress

Current International WT

12-16 Month Work Terms	
Chemical	53
Civil	37
Computer	127
Electrical	61
Engineering Science	1
Aerospace	12
Biomedical	10
Computer and Electrical	6
Energy Systems	6
Math, Stats & Finance	9
Physics	6
Robotics	24
Machine Learning	19
Industrial	44
Mineral	3
Materials	16
Mechanical	82
TOTAL	516

* 1114 Engineering students in current recruitment cycle

International Work Terms-Country	Work Terms	Engineering	Non-Engineering
China	15	14	1
England/Germany	1	1	0
United Kingdom	4	3	1
France	1	1	0
South Korea	2	2	0
Switzerland	2	2	0
Turkey	1	1	0
USA	45	45	0
Total	71	69	2

Business Development Outreach

Employer Outreach and Engagement

- **Ottawa Industry Tour (February 21-23, 2024)**
- **Calgary Business Development Outreach (February 5-9, 2024)**
- **Employer Information Sessions (26 sessions in current academic year)**
- **Airbus Event (May 29, 2023)**
- **Tesla Roadshow Event (January 30, 2024)**
- **Academic and Industry specific Co-op Coordinator support**
- **Industry specific panels (Biotech, Clean Energy, Aerospace, etc.)**

Other Activities at the ECC

- **Advisory Committee**
 - Restructured committee to expand student representation
 - Increased meeting frequency from 2-3 / academic year
- **Engineering Society and other student collaborations**
 - Individual Academic department student prep and industry programming
- **FASE Graduate Programming**
- **Tri-campus Co-op Partnership**
 - Cross Division collaboration
- **Experiential Learning Commons**
 - Innovative space initiative, shared services and ability to amplify employer engagement
- **UTM**
 - Cross-division support

Cupcake Mini-event at Myhal (February 13, 2024)

