Hello, and congratulations on your acceptance to the Electrical and Computer Engineering Master of Science program at Northeastern University! We are looking forward to having you join us.

As an incoming Summer 2021 student, there are some steps that you need to take before the semester starts. Please read this document thoroughly as it contains helpful information and can answer many of your questions before you begin your first semester. If you have any questions, please contact Dr. Vu Tran (vu.tran@northeastern.edu).

Step 1: Confirm your enrollment
Please confirm your enrollment at Northeastern University, as you will not be able to register for classes until you complete this step. To confirm your enrollment, log into your electronic application account and pay the enrollment deposit. If you have any questions, please contact Graduate Admissions at coe-gradadmissions@northeastern.edu.

Step 2: Know your faculty and administrative advisors
As a student in the Electrical and Computer Engineering program, you have a team of faculty and staff to assist you in your academic career in the Graduate School of Engineering. You will meet these faculty and staff members during your orientation and have the opportunity to ask them any questions you might have.

- **Dr. Masoud Salehi** (salehi@northeastern.edu)
  Associate Chair for Graduate Programs
- **Dr. Vu Tran** (vu.tran@northeastern.edu)
  Assistant Director of Graduate Programs
- **Dr. Rachel Walsh** (ra.walsh@northeastern.edu)
  Electrical and Computer Engineering Co-op Advisor
- **Jackie Josselyn** (j.josselyn@northeastern.edu)
  Electrical and Computer Engineering Co-op Advisor

Step 3: Course Registration
While summer course offerings are limited compared to Fall and Spring, there are courses available for students to fulfill either depth or breadth requirements across all concentrations. All courses listed are offered during Summer 1 Term (May 10 – July 3) and include the CRN (Course Registration Number) that you should use in order to select the correct course. EECE 5644 (CRN 60423) is the only course offered during both Summer 1 and Summer 2 Terms.
CCSP (Communications, Control, and Signal Processing)

- **Breadth Courses:**
  - EECE 5360 (CRN 40929 (traditional, Summer 1): Combinatorial Optimization
  - EECE 5644 (CRN 41626 (traditional, Summer 1)/CRN 60423 (traditional, Summer 2)): Introduction to Machine Learning and Pattern Recognition
  - EECE 5693 (CRN 41666, (traditional, Summer 1): Electromagnetic Devices for RF and Wireless Communications
  - EECE 7205 (CRN 40932, traditional, Summer 1): Fundamentals of Computer Engineering

CSYS (Computer Systems and Software)

- **Depth Courses:**
  - EECE 7205 (CRN 40932, (traditional, Summer 1): Fundamentals of Computer Engineering

- **Breadth Courses**
  - EECE 5360 (CRN 40929 (traditional, Summer 1): Combinatorial Optimization
  - EECE 5644 (CRN 41626 (traditional, Summer 1)/60423 (traditional, summer 2): Introduction to Machine Learning and Pattern Recognition
  - EECE 5693 (CRN 40674, (traditional, Summer 1): Electromagnetic Devices for RF and Wireless Communications

CNWS (Computer Networks and Security)

- **Depth Courses:**
  - EECE 7205 (CRN 40932, (traditional, Summer 1): Fundamentals of Computer Engineering

- **Breadth Courses**
  - EECE 5360 (CRN 40929 (traditional, Summer 1): Combinatorial Optimization
  - EECE 5644 (CRN 41626 (traditional, Summer 1)/60423 (traditional, summer 2): Introduction to Machine Learning and Pattern Recognition
  - EECE 5693 (CRN 40674, (traditional, Summer 1): Electromagnetic Devices for RF and Wireless Communications

CVLA (Computer Vision, Machine Learning, and Algorithms)

- **Depth Courses:**
  - EECE 5360 (CRN 40929 (traditional, Summer 1): Combinatorial Optimization
  - EECE 5644 (CRN 41626 (traditional, Summer 1)/60423 (traditional, summer 2): Introduction to Machine Learning and Pattern Recognition
  - EECE 7205 (CRN 40932, (traditional, Summer 1): Fundamentals of Computer Engineering

- **Breadth Courses**
  - EECE 5693 (CRN 40674, (traditional, Summer 1): Electromagnetic Devices for RF and Wireless Communications
HSMI (Hardware and Software for Machine Intelligence)
  - Depth Courses:
    - EECE 5360 (CRN 40929 (traditional, Summer 1): Combinatorial Optimization
    - EECE 5644 (CRN 41626 (traditional, Summer 1)/60423 (traditional, summer 2): Introduction to Machine Learning and Pattern Recognition
    - EECE 7205 (CRN 40932, (traditional, Summer 1): Fundamentals of Computer Engineering
  - Breadth Courses
    - EECE 5693 (CRN 40674, (traditional, Summer 1): Electromagnetic Devices for RF and Wireless Communications

ELPO (Electromagnetics, Plasma, and Optics)
  - Depth Courses:
    - EECE 5693 (CRN 40674, (traditional, Summer 1): Electromagnetic Devices for RF and Wireless Communications
  - Breadth Courses
    - EECE 5360 (CRN 40929 (traditional, Summer 1): Combinatorial Optimization
    - EECE 5644 (CRN 41626 (traditional, Summer 1)/60423 (traditional, summer 2): Introduction to Machine Learning and Pattern Recognition
    - EECE 7205 (CRN 40932, (traditional, Summer 1): Fundamentals of Computer Engineering

MSMD (Microsystems, Materials, and Devices)
  - Breadth Courses:
    - EECE 5360 (CRN 40929 (traditional, Summer 1): Combinatorial Optimization
    - EECE 5644 (CRN 41626 (traditional, Summer 1)/60423 (traditional, summer 2): Introduction to Machine Learning and Pattern Recognition
    - EECE 5693 (CRN 40674, (traditional, Summer 1): Electromagnetic Devices for RF and Wireless Communications
    - EECE 7205 (CRN 40932, (traditional, Summer 1): Fundamentals of Computer Engineering

POWR (Power Systems)
  - Breadth Courses:
    - EECE 5360 (CRN 40929 (traditional, Summer 1): Combinatorial Optimization
    - EECE 5644 (CRN 41626 (traditional, Summer 1)/60423 (traditional, summer 2): Introduction to Machine Learning and Pattern Recognition
    - EECE 5693 (CRN 40674, (traditional, Summer 1): Electromagnetic Devices for RF and Wireless Communications
    - EECE 7205 (CRN 40932, (traditional, Summer 1): Fundamentals of Computer Engineering
You will have the opportunity to make changes to your schedule until May 23 without penalty.

Frequently Asked Questions

How do I get a myNortheastern account?
After you confirm your enrollment, you will be able to log in to your MyNortheastern portal. If you have not set up your MyNortheastern account, log in to your electronic application account and look for instructions to do so.

How do I register for classes?
Visit the Registrar Office’s Registration Experience page to learn how to search and register for courses using your myNortheastern account. Make sure to use the EECE subject code when searching for courses. The online registration system will allow you to add or drop courses. If you have any questions or difficulties with course registration, please email your Graduate School of Engineering’s Student Services Academic Advisor, coe-gradadvising@northeastern.edu.

Do I need to attend both the Graduate School of Engineering General Orientation and Program Orientation? What is the difference between these two orientations?
Yes! Please make sure to attend both the Graduate School of Engineering General Orientation and the Electrical and Computer Engineering Program Orientation sessions. These are two entirely different orientations and will provide you with very useful information that you need to have in order to perform well throughout your program. These sessions will provide you with an opportunity to ask questions and meet with your academic and co-op advisors and some of your fellow future classmates!

Do I need to register for the Introduction to Cooperative Education course?
Please note that registration for the Co-op course is not mandatory. This course is one of the requirements to become eligible for the Co-op Experience. Students interested in participating in a Co-op should plan to register for this course either in their first or second semester. You will have the opportunity to meet with a Co-op Advisor during your Program Orientation. The ENCP 6100 course is not available in the Summer and will be offered during Fall and Spring semesters.

What should I do if my course is full?
Enrollments are always shifting as students get co-ops or change their course registrations. If a seat isn’t available in your preferred class right away, you can put your name down on a waitlist by emailing Dr. Vu Tran (vu.tran@northeastern.edu). Please provide Vu with your name, NUID number, email address, course number and CRN for the course you are interested in taking.

Will I get a bill by registering for courses?
Yes, your first e-bill is generated when you register for your courses. You will receive an e-bill from the University with instructions on how to pay the e-bill. If you have questions
about payment, please refer to the Billing & Payments webpage of the Student Financial Services office.

**What if I have questions regarding choosing courses or course registration?**
You will have the opportunity to have your questions answered during or after your department orientation. Dr. Vu Tran will have standard drop-in hours throughout the semester.

**What if I have another question that is not answered here?**
Please contact Dr. Vu Tran or save any additional questions for the Graduate School of Engineering General Orientation and Program Orientation sessions. We look forward to welcoming you to the Graduate School of Engineering!