Fall 2017 Course Registration Information for MS Mechanical Engineering – Thermofluids Concentration

Congratulations on your acceptance to MS Mechanical Engineering program at Northeastern University! At this time, we suggest that you register for Fall 2017 courses. Before registering for classes, please make sure to watch the following webinars:

**Course Search Webinar:** [http://www.northeastern.edu/registrar/webinar-search.html](http://www.northeastern.edu/registrar/webinar-search.html)

**Course Add/Drop Webinar:** [http://www.northeastern.edu/registrar/webinar-adddrop.html](http://www.northeastern.edu/registrar/webinar-adddrop.html)

**Enrollment Confirmation:** Please make sure to confirm your enrollment at Northeastern University by logging into your application account and paying the enrollment deposit. You will not be able to register for fall classes until you confirm your enrollment.

**Setting up your myNEU account:** After you confirm enrollment, you will be able to utilize your myNEU portal. If you have not yet set up this account then please login to your electronic application and look for instructions to do so at the link:

[https://app.applyyourself.com/AY ApplicantLogin/fl_ApplicantConnectLogin.asp?id=neu-grad](https://app.applyyourself.com/AY ApplicantLogin/fl_ApplicantConnectLogin.asp?id=neu-grad)

**Fall 2017 courses are available to view at the following link:**

[https://wl11gp.neu.edu/udcprod8/bwlkffcs.p_disp_dyn_sched](https://wl11gp.neu.edu/udcprod8/bwlkffcs.p_disp_dyn_sched)

When searching for courses at the above link, please make sure to select “Fall 2017 Semester” for the term then appropriate subject code for subject followed by “Graduate” for course level. Please refer to the following subject codes when searching for courses:

- EECE - Electrical and Computer Engineering
- ENLR - Engineering Leadership
- IE – Industrial Engineering
- MATL - Materials Engineering
- ME - Mechanical Engineering
- MEIE – Mechanical and Industrial Engineering
- OR – Operations Research

**Course Registration:** We advise full-time students to register for at least two courses and part-time students to register for at least one course. Please note that you can choose to register for any combination of your required (also known as core courses) or elective courses during your first semester (For example: you can either choose to take only required courses or all elective courses during your first term; or you can also choose to take one required and one elective course during Fall).

You will have the opportunity to meet with your Academic Advisor during your program orientation. Please plan to meet with your Academic Advisor after attending the orientation to
discuss your course selection for the first semester. Also note that you will be able to change your course registration (add or drop courses) using the online course registration system during the first two weeks of the fall semester. Please do not register for MS Thesis or MS Project at this time because these courses must be approved by your Academic Advisor before registration.

The following is a suggested course plan especially targeted for your concentration and based on strong recommendation from your respective academic advisor.

**Recommended Approved Courses by your Academic Advisor: MS Mechanical Engineering Curriculum – Thermofluids**

Please choose to register for courses listed in your approved curriculum. List of approved courses for Mechanical Engineering students can be found at following link:

[http://catalog.northeastern.edu/graduate/engineering/mechanical/#text](http://catalog.northeastern.edu/graduate/engineering/mechanical/#text)

The following is a **suggested 2-year plan for your concentration** that has been suggested by your academic advisor. Deviation from this is acceptable as the availability of courses may change from time to time.

**Year 1/Fall 2017 Entry**

**Fall:** MATH6200 *(Course not offered Fall 2017)*, ME7270 *(CRN: 13027)*, MEIE 6850 - Research Seminar in Mechanical and Industrial Engineering *(CRN: 12536)* (0 credit), MEIE 6800 - Technical Writing Seminar *(CRN: 12363)* (0 credit), ENCP 6100 Introduction to co-op *(CRN: 15333 or 18290)* (0 credit).

**Spring:** ME7275 Essentials of Fluid Dynamics, Technical Elective, MEIE 6850 - Research Seminar in Mechanical and Industrial Engineering (0 credit), if not taken in Fall, MEIE 6800 - Technical Writing Seminar (0 credit), if not taken in Fall

**Year 2/Fall Entry**

**Fall:** ME7285 Heat Conduction and Thermal Radiation, Technical Elective, ENCP 6100 Introduction to co-op (0 credit), if not taken first year

**Spring:** ME7310 Computational Fluid Dynamics w/ Heat Transfer or other tech electives, ME7290 Convective Heat Transfer or other tech electives

**Summer:** Technical Elective

**Year 1/Spring Entry**

**Spring:** MATH6200, ME7275 Essentials of Fluid Dynamics, MEIE 6850 - Research Seminar in Mechanical and Industrial Engineering (0 credit)

**Summer:** Technical Elective

**Fall:** ME7270 General Thermodynamics, ME7285 Heat Conduction and Thermal Radiation, MEIE 6850 - Research Seminar in Mechanical and Industrial Engineering (0 credit), if not taken in Spring, MEIE 6800 - Technical Writing Seminar (0 credit)
Year 2/Spring Entry
Spring: ME7290 Convective Heat Transfer, ME7310 Computational Fluid Dynamics w/ Heat Transfer or other Technical Electives

Fall: ME7270 General Thermodynamics, Technical Elective, MEIE 6850 - Research Seminar in Mechanical and Industrial Engineering (0 credit), if not taken in Spring, MEIE 6800 - Technical Writing Seminar (0 credit)

Technical Elective Courses:
ME7290 Convective Heat Transfer
ME7320 Solar Thermal Energy
ME5965 Aerodynamics
ME7305 Fundamentals of Combustion
ME7300 Combustion and Air Pollution
ME5690 Gas Turbine Combustion
ME7285 Heat Conduction and Thermal Radiation
ME7295 Multi-Scale Flow and Transport Phenomena
ME7310 Computational Fluid Dynamics w/ Heat Transfer
ME7280 Statistical Thermodynamics
ME7330 Turbulent Flow
ENSY5585 Wind Energy

Plan of Study: All students are required to complete a Plan of Study by meeting with their Academic Advisor during their first semester. Plan of Study can be accessed at the following link:


Frequently Asked Questions

Do I need to attend both the Graduate School of Engineering General Orientation and Program/ Department-Specific Orientation? What is the difference between these two orientations?

Please make sure to attend both the Graduate School of Engineering General Orientation and Program/ Department-Specific Orientation sessions in fall. These are two entirely different orientations and will provide you with very useful information that you need to have in order to perform well during the course of your program. These sessions will provide you not only with an opportunity to get your questions answered but also meet with your academic and co-op advisors.

What if I was admitted as a Provisional or Conditional Student?

If page 2 of your Admission Letter stated that you must fulfill additional requirements such as ‘REQUIREMENT (S): Student must take a course in Multivariate Calculus and a course in
Linear Algebra before she/he is granted Regular Student status, “you must meet with your Academic Advisor as soon as possible after the Orientation to determine your plan of study.

Do I need to register for the Co-op course (ENCP 6100)?

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 doing 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. Please plan to meet with a Co-op Advisor after you arrive to discuss if you should register for the Co-op course and any other questions that you might have regarding Co-op Experience.

How do I register for the Co-op course?

ENCP 6100 – Introduction to Cooperative Education is one of the requirements to become eligible for the Co-op Experience. This course is available in both fall and spring semesters. Please note that CRN (Course Reference Number) for the Fall 2017 Co-op section applicable to for Mechanical Engineering is 15333 or 18290. You can choose to register for any one of these two sections.

While searching for ENCP 6100 in the course registration system, please make sure to select “Engineering Cooperative Ed” in the Subject field.

What 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 join the waitlist. To join a waitlist, enter the class CRN (the 5 numbers in parentheses next to the course number above) directly into your registration sheet and hit submit. You will then have an option to select “waitlist” from a drop-down menu. The waitlist system will automatically inform you when a seat opens up. When a seat opens up, you need to just log into your account and accept it within the 24-hour time limit.

Will I get a bill by registering for courses?

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 the mode of payment or billing, then please contact the Student Financial Services Office at studentaccounts@northeastern.edu. Please do not contact faculty members or the registrar’s office regarding tuition payment or billing.
What if I have questions regarding choosing courses or course registration?

You will have the opportunity to meet with your Academic Advisor, Coop team, and Student Services Advisor during your department orientation. Please wait until you have attended the department orientation to get these questions answered.

If the class is full and you can’t add yourself to the waitlist then please send us an email at support@husky.desk-mail.com. For all other questions, please wait until you attend the orientation.

We wish you all the best and look forward to working with you.

Sincerely,

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