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Mornings are the best time to call. E-mail anytime. See me during Orientation week before Friday if needed.

[Letter to Incoming Fall 2009 students](#)

Orientation Week: August 23 – August 28

Math Placement Exam: 8AM Tues. Aug 25, Fisher 331

This is an exciting time of your life and I'm sure you will experience some uncertainty. Will my classes be tough? What will my instructors be like? Who will be my roommate? What is winter like up there? (Lots of snow) One of the biggest and most important adjustments you'll need to make is how you **study**. Most students need to acquire new study habits and priorities to do well in each course. Learning expectations and grading systems are completely different than in high school. See your instructor if you don't understand something. Each department has learning centers with coaches available to help you. If you sense you are in the wrong level of a course, see your instructor right away. Do your homework problems over and over until you can do them on your own without error. Be aware of what Academic Integrity is and do your own work. Attend all your classes (why? You don't want to find out the hard way).

Fall 2009 Schedules: *Available online in July*

Your Math, Engineering and Physics courses will be scheduled by our Registrar's Office in July and will be available for you to view on the Husky Hub. You will add your remaining courses yourself, during **orientation week**. (UN1001, CH1150/51, PE, HASS elective) Your Fall courses are determined by which math course you are placed in, so your schedule could be different than the "Suggested 8-semester plan" you received in the mail.

Read [here for sample first-year plans](#)

If you are **not** ready for Calculus I (MA1160/1161), [read here](#). (MA1030 and MA1031 and MA1032 students)

Course Placement Information: READ pages 9 - 11 of your 2009-2010 Tech Guide.

[Chemistry](#) [Computer Science](#) [Math](#) [Modern Language placement](#)

Send your AP credit and/or transfer credit transcript to MTU well before Orientation Week.

Advising Meeting: Early in fall semester, you will meet individually with Ms. Judy Donahue, your academic advisor, to review degree requirements, address your questions and concerns, and plan your Spring courses.

HASS Distribution electives List First-Year students can take a HASS distribution course with an "*" if you need more credits to fill your fall schedule. If you already have 9 or more transfer credits of lower-level distribution, see the advisor during orientation week. Your next distribution credits will need to be upper level – 3000 or higher. (may require instructor's signature).

Get familiar with [General Education requirements](#) and know what 'HASS *Distribution Courses*' are.

International students: You cannot get a schedule of courses without math placement. If you don't have ACT or SAT scores or college math transfer credits, you are **required** to take the **Math Placement Exam**:

08:00 A.M. Eastern Standard Time Tuesday, August 25th, in Fisher Hall, Room 331

You will NOT be able to register for courses at MTU until you have your math placement.

Arrange to arrive in Houghton by August 22nd, for Orientation Week. Give yourself extra time in case there are delays. Contact Ann Humes, amhumes@mtu.edu for mathematics questions. Contact the [IPS Office](#) for all other questions at ips@mtu.edu.

All new students: If you do not have Math ACT scores, SAT scores or math transfer credits, you need to take the **Math Placement Exam** before you can schedule any Fall courses. The exam will be held on Tuesday of orientation week: **08:00 A.M. EST, August 25th, in Fisher Hall, Room 331**

The first-year Math Advisor is Ann Humes amhumes@mtu.edu Please contact her with any Math placement questions. If you decide to challenge your math placement, take this exam and note that this could change your placement in either direction.

If you've had programming experience, take the online [CS placement test](#). If you pass, you can be placed into CS1131. For EE majors, this will take the place of CS1121. For CpE majors, CS1131 takes the place of CS1121 and CS1122 and saves you a semester on the CS pre-requisite chain. CS1131 is the advanced version of Introduction to Computer Science.

EE - Here is a link to the [suggested 8-semester plan](#).

CpE – [Find 8-semester degree plans here](#) Flowcharts: [Path A](#) [Path B](#) [Path C](#)

ENG1101 and ENG1102: (or ENG1001, ENG1100 & ENG1102): Our first-year engineering sequence provides students with experience in using modern software tools and mathematical and scientific principles to solve basic engineering problems. Students study the various engineering majors, ethics in engineering, engineering design process and visualization skills. The highlight experience of this series of courses is the integrated first-year design project in which students participate with their major interest(s). ENG1101 and ENG1102 (or ENG1001, ENG1100 and ENG1102) are required for CpE and EE majors, except CpE Path C majors starting in the Computer Science first year.

Your first engineering course will be taken as a co-requisite with either MA1031/1032 or MA1160/1. Students starting in MA1030 will not take an engineering course until MA1160/1.

Chemistry – [read here for Chemistry course selection help](#) Read page 9 of your 'Tech Guide'

Computer Engineers – read your yellow sheet in your folder. Pay attention to attachments and footnotes.

CH1000 does not apply to the CpE degree. Only take it if you plan to take CH1150/51 and need CH1000 first.

Electrical Engineers - You may take other Approved Math/Science credits instead of University Chemistry, but if you are unsure of your major, it is safest to take CH1150/51. CH1153 is an optional recitation credit that may be beneficial to you.

Preparatory Chemistry, CH1000 is a "Free Elective" on the EE degree. CH1150/51/53 may be taken in Spring.

Should I take University Chem? Yes, if you are uncertain of your major and might switch to a different engineering major in future. CH1150/51 is recommended for EE's.



Sample
first-year
plans

PE - This Fall, some PE courses are open to Freshmen enrollment only: Register during **Orientation week**.
List To Be Announced.

From ECE graduates: [Wish I Knew . . .](#)

Transfer Students starting in Fall 2009: If you have had programming experience, please let me know: jmdonah@mtu.edu. Take the online CS placement test. Once your transcript has been processed and your record is updated, I will recommend a Fall schedule and the Registration Office will create your schedule. Please contact me if you need changes or have questions. Your involvement is necessary to plan the correct classes, so please contact me. 906-487-2232. (I will be out of the office June 26 – July 5th Aug. 7th – Aug. 16th).

[ECE Advising Webpage](#) –You will find information on EE electives, flowcharts, Gen Ed requirements, semester planning worksheet, & degree requirements to help you plan your remaining semesters. You will find links to information on minors, double majors, transfer credit, enterprise, co-ops & many other topics.

Double Major: Students planning a double major with Computer Engineering (CpE) and Electrical Engineering (EE) – I recommend following Path A or Path B of the Computer Engineering suggested plans. See “Yellow Sheet” in your folder. You do not need to decide on the double major right now. You have plenty of time to plan; be sure to see the advisor for planning when you decide to do this – 3rd or 4th semester is a usually a good time to decide.