Mechanical Engineering

First Year Student Advising Meeting
March 15, 2011
Department of Mechanical Engineering - Engineering Mechanics

“prepare engineering students for successful careers.”
ME Academic Advisors
Danise Jarvey
dnjarvey@mtu.edu
B.S.M.E.
M.S.O.M.

Ryan Towles
ratowles@mtu.edu
B.S.E.
Advising Office Hours

8am – 5pm (Monday - Friday)
(open until 4pm in the summer)

204A/205A (203) ME-EM
906.487.2564

walk-in or by appointment

http://www.me.mtu.edu/advising.htm
Academic advisor’s role

Assist students with:

– developing an educational plan
– course scheduling
– interpreting University policies and procedures
– seeking out services as needed
– co-op and study abroad opportunities
– clarification of career and life goals
Your *education* is more than just the courses you have to take to get a mechanical engineering degree at Michigan Tech.
Enhance Your Education

- Senior design
- Enterprise
- Co-ops/internships
- Minors/certificates
- Study abroad
- Undergraduate research
- Extra-curricular activities
Senior Capstone Design
Senior Capstone Design

- Senior Year (4 credits)
- Two semesters (fall and spring cohorts)
- Internship /Co-op integration
- Bring your own project (scholarship possible)
- Fall: ~24 projects
- Spring: ~12 projects
Bob De Jonge
207 ME-EM
rdejonge@mtu.edu
906.487.2142
http://www.me.mtu.edu/senior_design_show/index.html
The Enterprise Program
Michigan Technological University
Today’s Topics

- What is Enterprise?
- How Does it Work?
- Teams and Recent Highlights
- Why Join?
- How to Get Started
- Student & Industry Testimonials
- Q&A
Enterprise Mission

The Enterprise Program provides its students with an opportunity to develop their technical, business and interpersonal skills through application of their knowledge and interests to industry-sponsored, multi-disciplinary team-based projects.
Program Objectives

- Allow students to experience working in a diverse environment – diversity in education, language, major, culture, thinking style and personality type as well as gender and ethnicity
- Facilitate transition from undergraduate student to professional work force and provide opportunities to develop leadership and entrepreneurial skills
- Give students ownership of a portion of their education that connects strongly to their career goals
- Give students a taste of rewards and accountability associated with creating new products and working with paying clients
- Utilize the students fundamental background in science and engineering in the context of solving problems where non-technical issues (i.e. cost, societal impacts, etc.) are of equal importance.
How Does it Work?

- Students elect to join one of the existing Enterprises or help start their own Enterprise (starting as early as the Spring of the freshman year).
- Multi-disciplinary Enterprise Teams work to address problems of significance to Industry, Government and Community, operating in a business-like environment.
- Members of an Enterprise Team work together to:
  - solve real-world industry problems
  - design, prototype, test, and manufacture
  - manage multiple projects
  - manage to a budget and schedule
  - develop business and marketing plans
  - recruit, “hire” and train new student “employees

MichiganTech
Enterprise Project Work (6-7 credits total) under the guidance of a faculty advisor from the Enterprise’s host department
  • 1-2 credits per semester over 2-3 years

Professional Development Modules (6-13 credits total) many of which are taught by faculty outside engineering and in a non-traditional format (6-13 credits total)
  • 1-credit courses in business, communications and special engineering topics
  • 3-credit options exist for several topics
How Do I Participate in Enterprise?

The Program has two levels of participation across the entire campus:

- **12 credit Concentration** presently available in each engineering program and in most non-engineering programs
  - 6 credits of project work
  - 3 credits of modules in Teaming and Communications
  - 3 credits of elective professional development courses

- **20 credit Minor** in Enterprise presently available to all majors
  - 6-7 credits of project work
  - 3 credits of modules in Teaming and Communications
  - 5 credits of modules in Business related topics
  - 5-6 credits of elective professional development courses
Who Can Join?

• Motivated and hard-working undergraduates of any major can participate in Enterprise

• First through Fifth-year students can enroll in Enterprise courses
Enterprise Teams

Advanced Metalworks—machining and casting, product and technology development, and sales
Aerospace—satellite and other aero-based projects
Alternative Fuels Group—alternative fuels for industrial and commercial applications
AquaTerraTech—ground water evaluation and planning
Automotive Computing—custom hardware/software interfaces to automotive controller area networks; plug-in electric vehicle development
Blue Marble Security—homeland security technologies
BoardSport Technologies—innovative boarding products, materials, and processes
CinOptic Media—full-service digital video production
Clean Snowmobile Challenge—noise/emissions reduction
Consumer Products Manufacturing—disposable consumer products
EcoCAR—vehicle fuel economy and emissions competition
Energy Through Engineering and Construction—low-cost, energy-efficient construction solutions
Econ and Environmental Resource Management—forestry conservation and management
FIRST Robotics—robotic manufacturing technology and competition
Formula SAE Car—Indy-style race car design and competition
Green Campus—measuring and mitigating Michigan Tech's carbon footprint
Husky Game Development—gaming products and technologies
Integrated Microsystems—wireless integrated microsystem technologies
International Business Ventures—business development services with international collaboration
IToxygen—internet-based solutions for technical education
Mini-Baja SAE—vehicle design and competition
NanoTech Innovations—nanotechnology-related products and education
NVH—noise and vibration reduction for industry
PDCM—pavement design, materials development, and construction
Professional Communication Arts—creative design and communication solutions
Supermileage Systems—design and manufacture a high-mileage competition vehicle

teams

700+ students...28 Teams...Something for Everyone! Michigan Tech
Recent Enterprise Highlights

Michigan Tech Takes a Silver in 2010 Clean Snowmobile Challenge

Aerospace Enterprise Winning Satellite to Be Launched into Orbit

Michigan Tech Receives Iron Team Award in 2009 Baja SAE, Best Design in 2010

SAE Formula Car Wins mySAE Video Contest

Enterprise Program Makes Large Appearance in the Cherry Royale Parade at the National Cherry Festival in Traverse City, MI

Supermileage Systems takes 2nd place with 1,140 mpg and wins Best Design at 2009 SAE Supermileage
Where Will I Work?

- Office and Conference areas
- High-Bay Fabrication area
- Machine Shop
- Research Labs
- In the Field
What’s In It for Me?

- Design and build cool things - multi-year, hands-on, team-based project experience

- Practice different roles – engineering, marketing, leadership, financial, recruiting, etc.

- Develop valuable skills employers seek

- Network with industry sponsors

- Differentiate yourself from the pack!
EDUCATION
Michigan Technological University; Houghton, MI
B.S. in Mechanical Engineering, May 2004
Cumulative GPA of 3.95

WORK EXPERIENCE
Crystal Cool Ice Co., Muskegon Heights, MI
Ice Man 1999-2003
- Obtained Commercial Driver License
- Delivered ice, bagged ice and unloaded semis
- Trained new employees

Fruitport Middle School; Fruitport, MI
Asst Wrestling Coach 2001-2002
- Coached and motivated athletes
- Administered first aid

EDUCATION
Michigan Technological University, Houghton, MI
B.S. in Electrical Engineering, CS Minor, Fall 2003
Cumulative G.P.A of 3.36
Recipient MTU Ambassador Student Scholarship
for exceptional academic achievement

WORK EXPERIENCE
Wireless Communication Enterprise, MTU
Project Engineer January 2002-Present
- Programmed a chip for a wireless snow alarm
- As project manager, managed relations
  with industry, enterprise staff and team
- Built a communicating transmitter and receiver
- Designed an RF amplifier and Butterworth filter
- Served as Financial Manager, responsible for
  project accounting and procurement
Networking with Industry...

PARTNERS

SPONSORS

MichiganTech
The Students’ Perspective

“I think joining the WCE was the best decision I made as an undergraduate. The scope of the enterprise is astonishing. My skills now range from design engineering and project management to technical writing and documentation. I have interacted with many other incoming graduates from other universities and no university has any program that even closely resembles ours.” ~Enterprise Alum

“While on co-op, I easily transitioned from the world of academia to the world of “Corporate America” largely in part due to my enterprise experience. My hiring manager at The Dow Chemical Company informed me that he extended a job offer because of my enterprise experience.” ~CPM Team Leader

“Every college graduate takes basically the same courses. In an interview, my distinguishing characteristic is never my grade point average, it’s always my Enterprise experience. Employers are pleasantly surprised to learn that not only have I just completed an engineering degree, but I was effectively working as a real engineer for most of that time.” ~WCE Team Leader
“Today’s work environment is about teamwork, communication and working with the public. The Enterprise program at MTU combines all these skills and better prepares students for entering the professional workforce. It is one of the most impressive programs that I have seen in all my travels to Universities across the country.”

~Patricia Galloway, CEO, Neilsen-Wurster Group

“The skills and attitudes that are targeted by the Enterprise concept, such as leadership, communication, teamwork, and motivation for lifelong learning, have been successfully learned by the students, and now they are budding “superstars” for the companies that have hired them.”

~Richard Anderson, Principal Engineer, SOMAT, Inc.

“I believe that the Michigan Tech Enterprise is a leading program in preparing students with leadership skills, attitudes, and valuable insights to enable rapid personal and professional excellence and to thrive in the fast paced, rapidly changing environment that is facing all U.S. industry.”

~ Randy Hill, VP of Product & Technology
Kimberly-Clark Corporation
How Do I Get Started?

- Choose an Enterprise Team – attend Enterprise team meetings, recruiting events, visit their websites, talk to peers…multiple ways to find out which teams match your interests

- Check with your academic advisor to determine how Enterprise fits with your major/curriculum

- Some teams require submitting a resume and meeting with the advisor before getting approval to join (like a job interview)

- Enroll in the appropriate section of the project course…
  - First-year Spring – ENT1960 Lxx
  - Second-year Fall – ENT2950 Lxx and/or ENT2961 (Teaming)
  - Third year ENT3950 Lxx
Where Can I Find out More About Enterprise?

For More Info on...

Enterprise Teams
Faculty Advisors
Curriculum and Courses

www.enterprise.mtu.edu

-or-

Contact the Program Director – mraber@mtu.edu
Questions
???
Cooperative Education:

Hands-on Experience for
A Head Start on Your Career

First Year Mechanical Engineering Students
Spring 2011
What Is a Co-op?

- Academic program (UN3002)=2 credits
- A collaborative relationship between a student, an employer, and the University
- Gain paid, career-related experience
Co-ops and Internships

Co-ops:
- Semester assignments
  - Fall and/or Spring
- Paid
- For academic credit
- Career-related, hands-on experience

Internships:
- Usually summers only
- Not always paid (rare)
- No academic credit
- May not be directly related to career
Who’s Eligible to Participate in a Co-op?

- Good social & academic standing (2.2 GPA) in addition to the following:
- Must have completed freshman year (29 credits)
- International students must have completed 2 consecutive semesters in the U.S.
- Transfer students must have completed one semester at MTU
Advantages of a Co-op

- Valuable career-related experience
- Less competitive than internships
- Job-search skills
- Professional development
- Apply studies to “real world problems”
- Excellent wages
  - 2009-2010: sophomores $13.61/hour, juniors $16.76/hour, seniors $19.27/hour
- Full-time job opportunities
- Higher starting salary potential
Registration Benefits

- Active, full-time student
  NOTE: Financial Aid will NOT cover co-op credits in most cases

- Maintain health insurance under parent/guardian
  NOTE: Federal Health Care Legislation needs to be interpreted on a case-by-case basis, check with your family’s health care provider for details

- Student Loan deferment
Disadvantages of a Co-op

- 4 ½ to 5 years to complete degree
- Social disruption
- Housing contracts
Obtaining A Co-op

- Competitive Process
- Get resume/interview assistance at Career Services
- Upload your resume and cover letter, and search for co-op opportunities on NACElink or company websites
- Apply to opportunities
- Interview with companies on campus, or make your own contacts
Companies Hiring Co-ops/Interns

92 Companies at 2010 Fall Career Fair
67 Companies at 2011 Spring Career Fair

- Continental
- Dow Chemical Co.
- G.E. Aviation
- Greenheck Fan
- Grain Processing Corp
- Caterpillar
- Denso
- Bechtel
- Toyota

- Kohler Company
- NUCOR
- Ford Motor Co.
- Union Pacific
- General Motors
- Bemis
- BAE Systems
- ArcelorMittal
- Kimberly-Clark
For More Information

Visit the Co-op web pages at
http://www.career.mtu.edu/coop.php

Learn more about:
- Co-op checklist and process for registering
- Beginning Your Co-op
- Responsibilities during your co-op
- Responsibilities after your co-op
- Frequently Asked Questions
Co-op student quotes

“As a past sophomore co-op myself, starting earlier has made my entire college education career driven rather than academically driven.” ~ Michael Rukamp, ME undergrad

"As some students look forward to beginning their career after graduation, I felt as if I have already started mine."

~ Darrin Traczyk, ME undergrad
Co-op Education

Jeff Kangas
Career Services
2nd Floor - Meese Center
jakangas@mtu.edu

http://www.career.mtu.edu/coop.php
Minors/certificates

- Economics (Business)
- Hybrid Electric Vehicle (COE) - Handout
- Mathematical Studies (Mathematics)
- Manufacturing (ME-EM) - Handout
- Modern Languages (Humanities)
  - Minor or certificate – French/German/Spanish
  - International language minors (study abroad)
- Nano-technology (Multi-disciplinary)
- Product Design (ME-EM) - Handout
- Structural Materials (Material Science)
- Technical Theatre (Fine Arts), and more:

Linked @ [http://www.me.mtu.edu/advising.htm](http://www.me.mtu.edu/advising.htm)
Minors - Advising Contacts

- See advisor in department offering minor or certificate
- Fill out curriculum add/drop form with minor advisor
- Minor audit must be completed before graduation.
Study Abroad

- Summer
- Academic semester
- European Project Semester
Study Abroad

Danny Wan
dcwan@mtu.edu

International Programs & Services
200 Administration Bldg

http://www.mtu.edu/international/
Mid-semester grades

• Became available Monday, February 21
• Check on BanWeb
• Grades are:
  – “satisfactory” (‘C’ or better) or
  – “unsatisfactory” (worse than a ‘C’)
• Grades reflect current/projected progress, you can improve!
• ME Advisors have contacted students with 2 or more ‘UN’s or 1 ‘UN’ if already on probation
Dropping a class

The last day to drop full fall semester classes with a ‘W’ was Friday, March 4 at 5:00 p.m.

The last day to drop track B classes with a "W" grade is Friday, April 1 at 5:00 p.m.

All drops must be done in person in the Registrar’s office. Drops cannot be done on the web.

Orange slip – needs to be signed by instructor and advisor for first-year students only

No late drops will be granted to avoid poor grades.
Academic Probation

You are on academic probation if your:
• Cumulative GPA is below 2.00, OR
• Most recent semester GPA is below 2.00, OR
• Departmental GPA is below 2.00, based on at least 16 credits.

You are removed from academic probation when your:
• Cumulative GPA is 2.00 or higher, AND
• Most recent semester GPA is 2.00 or higher, AND
• Departmental GPA is 2.00 or higher.
What is an EnGPA?

- Grade point average based on the first year engineering foundation courses
- Courses included in the EnGPA:
  - CH 1150 (3)
  - CH1151 (1)
  - ENG 1101 (3) or ENG 1001/1100 (4),
  - ENG 1102 (3)
  - MA 1160/1161 (4/5), MA 2160 (4)
  - PH 1100 (1), PH 2100 (3)
  - UN 1001 (3)
ME Milestone

• EnGPA ≥ 2.75, OR

• EnGPA ≥ 2.50 and grade ≥ 2.00 (C) in MA 1160/1, MA 2160, and PH 2100, and cumulative GPA ≥ 2.50
Calculating EnGPA

<table>
<thead>
<tr>
<th>course</th>
<th>credits</th>
<th>grade</th>
<th>points</th>
<th>credit points</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH 1150</td>
<td>3</td>
<td>B</td>
<td>3.0</td>
<td>9.0</td>
</tr>
<tr>
<td>CH 1151</td>
<td>1</td>
<td>B</td>
<td>3.0</td>
<td>3.0</td>
</tr>
<tr>
<td>ENG 1101</td>
<td>3</td>
<td>A</td>
<td>4.0</td>
<td>12.0</td>
</tr>
<tr>
<td>ENG 1102</td>
<td>3</td>
<td>AB</td>
<td>3.5</td>
<td>10.5</td>
</tr>
<tr>
<td>MA 1161</td>
<td>5</td>
<td>BC</td>
<td>2.5</td>
<td>12.5</td>
</tr>
<tr>
<td>MA 2160</td>
<td>4</td>
<td>B</td>
<td>3.0</td>
<td>12.0</td>
</tr>
<tr>
<td>PH 1100</td>
<td>1</td>
<td>A</td>
<td>4.0</td>
<td>4.0</td>
</tr>
<tr>
<td>PH 2100</td>
<td>3</td>
<td>C</td>
<td>2.0</td>
<td>6.0</td>
</tr>
<tr>
<td>UN 1001</td>
<td>3</td>
<td>AB</td>
<td>3.5</td>
<td>10.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>26.0</strong></td>
<td></td>
<td><strong>79.5</strong></td>
<td></td>
</tr>
</tbody>
</table>
Calculating EnGPA

• EnGPA = Total Points/Credits

• EnGPA = 79.5/26 = 3.06

• EnGPA Summary/Worksheet @

Time Management

• How has the semester been going?
• How many hours a week have you been studying - 2 hours for each hour in class?
• 15 credits means 15 class hours + 30 study hours or 45 hours minimum per week.
• Work ahead and keep track of your time!
• Study Schedule – Handout
  – http://www.counseling.mtu.edu/Study%20Schedule.pdf
  – www.counseling.mtu.edu/How%20to%20use%20the%20Study%20Schedule.doc
Campus Resources – use them!

- Faculty
- Learning Centers (Linked @ [http://www.me.mtu.edu/advising.htm](http://www.me.mtu.edu/advising.htm))
  - Engineering Fundamentals – Dillman B008
- Upper class students
- Resident assistants
- COMPASS ([http://www.mtu.edu/compass/](http://www.mtu.edu/compass/))
  - ExSEL
- Counseling Services ([http://www.counseling.mtu.edu/](http://www.counseling.mtu.edu/))
- Dean of Students Office ([http://www.mtu.edu/dean/](http://www.mtu.edu/dean/))
  - Disability Services
- Career Services ([http://www.career.mtu.edu/](http://www.career.mtu.edu/))
- Academic Advisors ([http://www.me.mtu.edu/advising.htm](http://www.me.mtu.edu/advising.htm))
Fall Registration

• What should I register for?
  – See an advisor...
  – Use flowcharts...
  – Schedule of classes – online
    (go to www.banweb.mtu.edu)

• Registration Priority Schedule
  – http://www.mtu.edu/registrar/students/registration/prepare/

Contacts for filled sections
  – http://www.me.mtu.edu/advising/2011/FAQ7.html
Currently in MA 1160/1 & ENG 1100/1101

Sample fall schedule:

– ENG 1102 3
– PH 2100 3
– MA 2160 4
– MY 2100 3
– UN 2001 or UN 2002 3
– Co-curricular/s (optional) 0.5-1.0

Total: 16-17 max.
Currently in MA 2160 & ENG 1102

Sample fall schedule:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEEM 2110</td>
<td>3</td>
</tr>
<tr>
<td>PH 2200</td>
<td>3</td>
</tr>
<tr>
<td>PH1200</td>
<td>1</td>
</tr>
<tr>
<td>MA 3160</td>
<td>4</td>
</tr>
<tr>
<td>MEEM 2500</td>
<td>4</td>
</tr>
<tr>
<td>UN 2001 or UN 2002</td>
<td>3</td>
</tr>
</tbody>
</table>

Total: 18 max.
Currently in MA 3160 & ENG 1102

Sample fall schedule:

- PH1200 1
- PH 2200 3
- MA 2321/3521 4
- MEEM2110 3
- MY 2100 (if not taken yet) or MEEM2500 3 or 4
- UN 2001 or UN 2002 3
- Co-curricular/s (optional) 0.5-1.0

Total: 18 max.
<table>
<thead>
<tr>
<th>Date</th>
<th>Earned credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thursday, March 17</td>
<td>Student-athletes and graduate students</td>
</tr>
<tr>
<td>Sunday, March 20</td>
<td>126.5 credits or more (10pm) 114 credits or more (11pm)</td>
</tr>
<tr>
<td>Monday, March 21</td>
<td>101.5 credits or more (10pm) 90 credits or more (11pm)</td>
</tr>
<tr>
<td>Tuesday, March 22</td>
<td>81 credits or more (10pm)</td>
</tr>
<tr>
<td>Wednesday, March 23</td>
<td>71.5 credits or more (10pm) 60 credits or more (11pm)</td>
</tr>
<tr>
<td>Thursday, March 24</td>
<td>51 credits or more (10pm)</td>
</tr>
<tr>
<td>Friday, March 25</td>
<td>43 credits or more (10pm) 30 credits or more (11pm)</td>
</tr>
<tr>
<td>Saturday &amp; Sunday, March 26-27</td>
<td>Open to all above groups</td>
</tr>
</tbody>
</table>
## Priority Schedule – Week 2

<table>
<thead>
<tr>
<th>Date</th>
<th>Earned credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday, March 28</td>
<td>18 credits or more (10pm)</td>
</tr>
<tr>
<td>Tuesday, March 29</td>
<td>14 credits or more (10pm)</td>
</tr>
<tr>
<td>Wednesday, March 30</td>
<td>0 credits or more (10pm)</td>
</tr>
<tr>
<td>Thursday, March 31</td>
<td>Non-degree seeking (10pm)</td>
</tr>
<tr>
<td>Friday - Sunday, April 1-3</td>
<td>Open to all above groups</td>
</tr>
<tr>
<td>Sunday, April 3 – 10 pm</td>
<td>Registration closes</td>
</tr>
<tr>
<td>Sunday, April 17</td>
<td>Registration reopens</td>
</tr>
</tbody>
</table>
Priority based on number of credits earned at the time of registration (does not include current enrolled credits unless you have taken track A courses this semester).

Registration begins at 10 pm or 11pm as indicated. All registration online.

*Check BanWeb for registration status.*

*Web registration closed 2-2:30 am daily*
Contact for ENG courses (filled sections, waivers)

Amy Monte/AJ Hamlin
112 Dillman
Contact for MA courses (filled sections, waivers)
Beth Reed
205A Fisher
ejreedd@mtu.edu
Contact for PH courses (filled sections, waivers)

PH1100/1200 (labs)
Mike Meyer
103 Fisher - mrmeyer@mtu.edu

PH2100/2200 (lectures)
John Jaszczyk
102 Fisher - jaszczak@mtu.edu
Contact for UN 1001/2 & 2002 (filled sections, waivers)

Brad Baltensperger
204 Academic Offices Bldg.
brad@mtu.edu
Contact for UN 2001
(filled sections, waivers)

Karla Kitalong
338 Walker
kitalong@mtu.edu
Summer classes at Tech

- Registration currently open until summer semester begins
- Tracks A and B
- Pace is fast – plan wisely
  - Example: 3 credit class meets 6 hours/week for only 7 weeks. Covers same material as full-semester version.
  - Plan no more than 2 courses per track
- Repeating course w/ ‘CD’ or lower:
  - New grade replaces prior grade (even if new grade is lower)
HANOUT – SUMMER INFO SUBJECT TO CHANGE. CONSULT LATEST OFFERINGS AT https://www.banweb.mtu.edu/
Transfer credit

• Transfer equivalencies:
  – On-line system or work with Transfer Services staff
    http://www.mtu.edu/registrar/students/transfer/
  – Grade of ‘C’ or higher required to transfer back to Tech

• Attending another Michigan school:
  – See Registrar for guest application

• Repeating courses with ‘CD’ or lower:
  – Credit transfers if ‘C’ or higher is earned
  – Prior grade is no longer factored into GPA

• Note: Once you have begun classes on campus at Michigan Tech, UN 1001 and UN 1002 may not be transferred in
Personal Academic Plan

Things to consider:

– Course load and semester offered
– HASS and Technical electives - Handout
– Certificates and minors
  • All minors require 6 unique credits minimum (3000+ level)
– Additional degree or double major
– Study abroad
– Senior design or Enterprise path
– Co-ops/internships
– Volunteer and extra-curricular activities

See posted information and/or advisors in ME Advising Center to assist you or visit us online: [http://www.me.mtu.edu/advising.htm](http://www.me.mtu.edu/advising.htm)
Why an Academic Plan?

• Plan for your ME career
  – How will you enhance your BSME degree to set you up for the career that you want?

• Required courses to obtain BSME
  – Necessary prerequisites met
  – Desired courses offered in needed semester(s)
  – Graduate when planned
  – Use planning worksheet
Degree Audit Reporting System (DARS)

Record of progress toward degree and/or program completion

Shows all requirements for degree and which courses are used to satisfy those requirements

Shows all declared curricula (concentrations, minors, 2nd degrees, double majors, certificates, etc)

Available in BanWeb – Student Services tab
(https://www.banweb.mtu.edu/)

Final confirmation of degree requirements is subject to department and university approval

NOT official documentation of your academic record (official transcript provides this documentation and can be ordered from the Registrar's Office)
Major change, double major or second degree?

- Talk with advisor for additional major/degree
- Fill out curriculum add/drop form with new department advisor
- Changes after first week of a semester go into effect for the next semester
Résumé

• Prepare two versions of your résumé
• Version one is today with a current objective (to secure an internship or co-op position)
• Version two is what you want it to look like in when you graduate
• Compare the résumés
• Plan how to make version two a reality
• Visit Career Services physically and on the web:
  – Meese Center (Building 84, http://www.mtu.edu/maps/)
  – http://www.career.mtu.edu/

• Post your current resume on NACElink: http://www.career.mtu.edu/NACElink/

• Try out My Plan http://www.career.mtu.edu/students/mynplan.php
  – Career Planning on Career Services webpage (see log-in instructions for license number)
ME Academic Advisors

Danise and Ryan
ME Advising Center

204A/205A (203) MEEM

http://www.me.mtu.edu/advising.htm
Your education is the sum of your college experiences, not just the name of your major.