



**Revisiting Writing Across the
Curriculum: Overcoming Faculty
Reluctance to Integrating Writing into
the
Engineering Curriculum**

IWAC

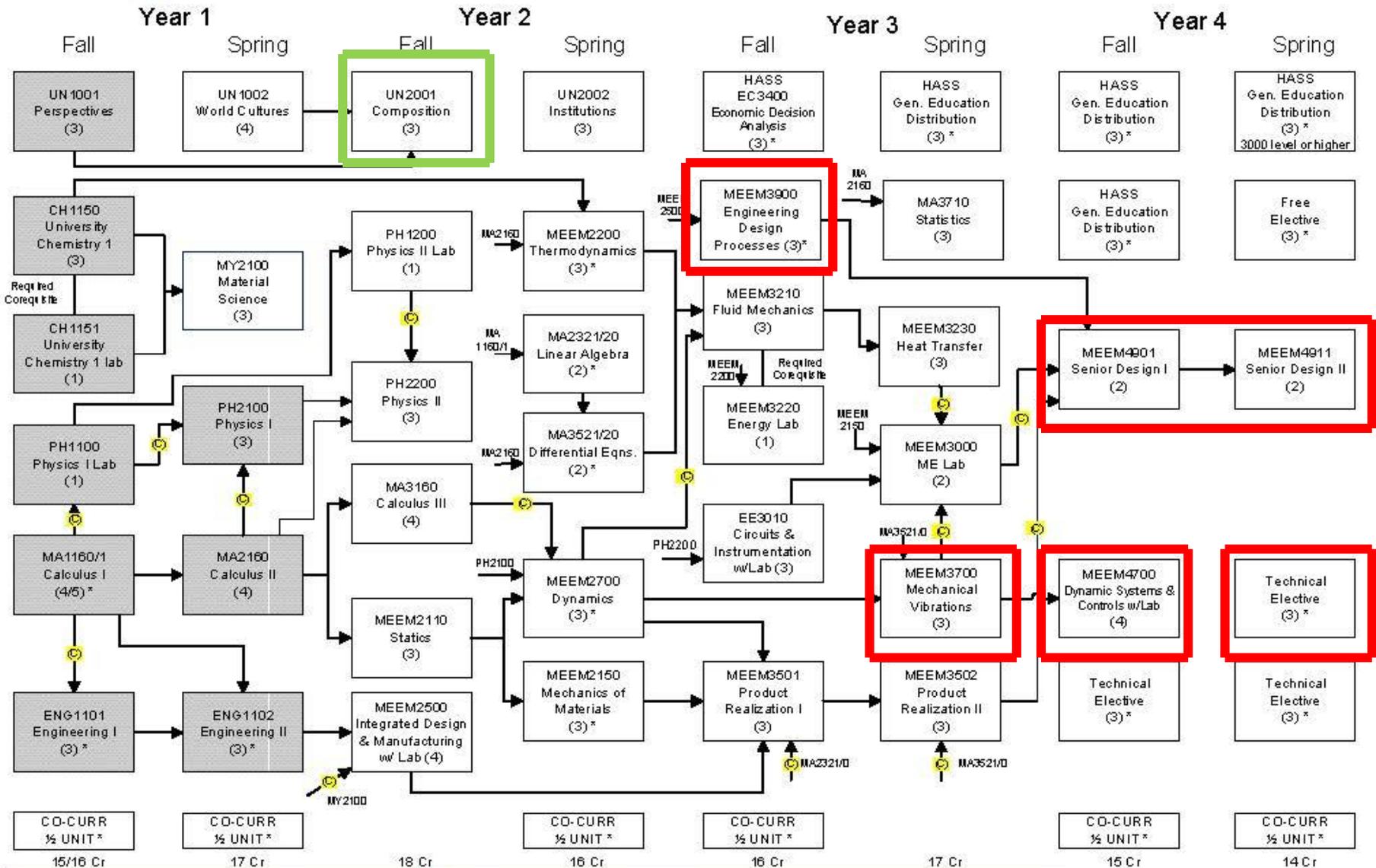
June 7, 2012

Savannah, Georgia

MichiganTech

“Communication with an engineer is only slightly more difficult than communication with the dead.”

—Rus Stiles Sr., author



6/7/2012
Foundation Course*
Prerequisite (Course must be completed prior to enrollment)
Concurrent Prerequisite (A prerequisite course that may be taken concurrently)
Required Corequisite (Courses must be taken together)
() Course Credits
* See notes on back

Results:

- MEEM 3900 Engineering Design Processes – Improved understanding of the design process via reports/presentations (students)
- MEEM 3700 Mechanical Vibrations – Increased awareness of importance of writing skills (students)
- MEEM 4700 Dynamic Systems and Controls – Unclear if students received any benefit, faculty saw need to improve communication and critical thinking skills earlier
- MEEM 4220 Intro to IC Engines – Improved understanding of course concepts reflected in final exam scores, and improved writing skills achieved through feedback/revision process

Department communications advisor:

- Instructs/advises/evaluates Senior Design students (~140 per AY)
- Instructs/advises/evaluates EDP students (~210 per AY)
- Works with interested faculty in developing/evaluating UG writing exercises
- Edits/advises junior faculty and graduate student proposals, articles, theses, and dissertations
- Develops/conducts training programs for Lab GTAs and GRAs