

ENTERED

NOV 18 2011

RECORDS

Revised 4/22/2009

UNDERGRADUATE CURRICULUM PROPOSAL COVER SHEET

Title of Proposal - Must begin with Department Abbreviation:

ENGR: Move ENGR 3050 from Fall to Spring

Check One:  Full Proposal or  Information Item

Effective Date for Curricular Offering: August, 2012

FROM: Cecelia M. Wigal ENGR x 4215 Cecelia.Wigal@ute.edu EMCS 442 (proposal originator: include spokesperson's name, department, office number, telephone, e-mail)

Does this require new resources from the originating department or other department? Please include an explanation if yes.

Faculty of the originating department approved this proposal on NA (date), by a vote of \_\_\_ aye votes; \_\_\_ nay votes; \_\_\_ abstentions; \_\_\_ eligible voting members absent.

The following have examined this proposal:

Dept Head/Director: CECELIA M. WIGAL Cecelia M. Wigal 11/17/11 [X] Approve Neutral Disapprove\*

College Curriculum Committee Date: 11-18-11 Vote: 6-0-2 Signature of Chair: Cecelia M. Wigal

Spokespersons for Affected Departments:

Printed Name, Department Signature, Date Approve Neutral Disapprove\* Gary H. McDonald Gary H. McDonald [X] Approve Neutral Disapprove\*

Dean/Director: Will Sutton Will Sutton 11/18/11 [X] Approve Neutral Disapprove\*

University Registrar: Linda Orth Linda Orth 12/30/11 Comments

Provost/Representative: J. Sanders J. Sanders 1/3/12 [X] Approve Neutral Disapprove\*

Lab/studio fee requested: [ ]

Provost: Phil Oldham Phil Oldham Approve Disapprove\*

\*Those who disapprove may attach an explanation

Table with columns: ACTIONS on this proposal, Curriculum Committee, Faculty Senate. Rows include Date the proposal was considered, Vote of the body, Accepted as information item, Approved as submitted, Approved with amendments, and Signature of Chair.

\* Effects resources for ME diff

12-052-06

# Update ENGR:UTeach Program Gen Ed Requirements and ENGR 3050 Course Offering (Move ENGR 3050 from Fall to Spring)

## Proposal

- Change the General Education requirement for the Humanities in the Engineering: UTeach program to require UTSM 3010 and change the program hours requirement from 131 total hrs to 128 total hours
- Move ENGR 3050 Thermo-Fluids from a fall offering to a spring offer.

## Rationale

### *Engineering: UTeach Humanities Requirement*

UTSM 3010 – Perspectives in Science and Mathematics was recently accepted by the University General Education Committee to meet General Education Requirements for a Humanities Course. Thus, since this course is required by the ENGR: UTeach program for its students the UTSM course can now also count toward the students' General Education Humanities credit requirement. This moves the total program hours requirement from 131 to 128 hours. The 128 hours is in line with the required number of hours for an engineering degree (by THEC).

### *ENGR 3050 Move*

ENGR 3050 is taught as a support course by the Mechanical Engineering Department for the Departments of Electrical Engineering and General Engineering. In these programs it is not a prerequisite for downstream classes. The Department of Electrical Engineering is proposing modifications to its curriculum that increase the number of hours in the fall semester of the junior year, the same semester in which ENGR 3050 is offered. By moving this course to the spring, the curriculum becomes more balanced and friendly toward transfer students. It should be noted that Electrical Engineering students comprise the bulk (90%+) of the course's enrollment.

## Impact

### *Engineering:: UTeach Humanities Requirement*

Other than what was stated above for changing the required hours for the degree, this change will have no other impact. UTSM 3010 is a required course for the major and thus all students must take the course no matter if it counts toward the Humanities General Education credit or not. There is no financial impact or resource impact since the course already exists in the program.

### *ENGR 3050 Move*

The move of ENGR 3050 from a fall offering to a spring offering has no impact on students or faculty. Nor does it have any financial impact.

- The Department of Mechanical Engineering which provides instructors for ENGR 3050 has indicated that moving the course from fall to spring is possible and incurs no additional financial or faculty resources.
- For the other affected programs the move from fall to spring requires a modification of the suggested plan of study for each, but does not impact the students as general courses can be redistributed to balance the load between the two semesters.