

TO: The Engineering Faculty

FROM: The Faculty of the School of Mechanical Engineering

Date: April 9, 2001

SUBJECT: New BSME Graduation Requirement

to Registrar
4/27/01

The Faculty of the School of Mechanical Engineering has approved the following new additional graduation requirement for the BSME degree. This action is now being submitted to the Engineering Faculty with a recommendation for approval.

NEW REQUIREMENT: The *ME core index* (ME courses and equivalent) and the *ME-non-core index* (all BSME requirements except the ME core) must both be at least a 2.00.

Reason: Currently, the only graduation requirements for the BSME are satisfaction of all curriculum requirements (with D or better grades, in general) and a graduation GPA of 2.00. The graduation GPA is a University requirement and (except in the case of those who CODO) is calculated based on grades in all courses taken at Purdue. This additional requirement is proposed as a means of better quality control for the School. Currently, some students graduate with 30+ credits in extra courses that are not a part of the BSME requirements. This can significantly impact a student's graduation index.

It is intended that the new indices be used in conjunction with the University probation and drop index requirements as aids to counseling students as they progress through the degree program. Both the *ME core* and the *ME non-core indices* are recommended to emphasize the importance of basic competence in both the technical and non-technical requirements of the ME Program. Students whose *core* or *non-core indices* are below the probation index would be counseled to repeat courses with low grades. Indices below the drop index would be a significant factor in counseling a student out of the program.

The courses that will be included in the ME Core index basically include all required sophomore-level or above technical core courses (or their equivalents). Currently, these are:

EE 201, EE 207

MA 261, MA 262, MA 303

ME 200, ME 263, ME 270, ME 274, ME 290, ME 300*, ME 309, ME 315, ME 323, ME 352,

ME 365, ME 375, ME 452*, ME 463, ME 475*

MSE 230

PHYS 241

* Only 2 of these 3 courses are required for graduation.

Once approved, the School of Mechanical Engineering plans to include a GPA Requirement statement in the Schools of Engineering University Bulletin to alert students to this requirement. Students will also be informed in ME 290 Mechanical Engineering Professional Seminar when they are preparing their plan-of-study.

E. Daniel Hirleman
E.D. Hirleman, Head
School of Mechanical Engineering

APPROVED FOR THE FACULTY
OF THE SCHOOLS OF ENGINEERING
BY THE COMMITTEE ON
FACULTY RELATIONS

CFR Minutes #948

Date 4/25/01

Chairman CFR C.D. Little