TO: The Faculty of the College of Engineering

FROM: The Faculty of the School of Engineering Education

RE: Prerequisite Update to IDE 36000

The Faculty of the School of Engineering Education has approved the attached prerequisite change associated with IDE 36000, Multidisciplinary Engineering Statistics. This action is now submitted to the Engineering Faculty with a recommendation for approval.

Summary of Proposed Changes:

This EFD will:

1) Correct an error of omission in the pre-requisite math course listing/language for IDE 36000 Multidisciplinary Engineering Statistics.

2) Correct an entry error in the course catalog description.

Current Course prerequisite notation:

Prerequisites:
Undergraduate level MA 16200 Minimum Grade of D- or Undergraduate level MATH 16400 Minimum Grade of D- or Undergraduate level MATH 16600 Minimum Grade of D-

Proposed Course prerequisite notation:

Prerequisites: Undergraduate level MA 16200 Minimum Grade of D-, or Undergraduate level MA 16600 Minimum Grade of D-, or Undergraduate level MATH 16400 Minimum Grade of D- or Undergraduate level MATH 16600 Minimum Grade of D- *or program/university approved mathematics equivalent at D- or above*.

Effective Date: Effective Fall 2023.

Reason:

MA 16600 is a program allowable course prerequisite option that was omitted in error. Adding the "or…" narrative language to the formal prerequisites will negate the need for future related course prerequisite changes of this nature. Additionally, there is a typo of "MOE" in the course catalog description that should read "MDE".

Donna Riley, Kamyar Haghighi Head
Professor of Engineering Education

Link to IDE 36000
https://catalog.purdue.edu/search_advanced.php?cur_cat_oid=15&search_database=Search&search_db=Search&cpage=1&ecpage=1&ppage=1&spage=1&tpage=1&location=3&filter%5Bkeyword%5D=ide36000&filter%5Bexact_match%5D=1#

Attachment A
Existing

IDE 36000 - Multidisciplinary Engineering Statistics

Credit Hours: 3.00. Statistical methodology is critical to the engineering problem-solving process. This course introduces engineering students to the role of statistics in problem solving, and to the design and presentation of simple models and experiments. An emphasis will be placed on using computer software to perform statistical analyses and to the interpretation of the software results. This is a recommended course for the MOE statistics elective. Permission of instructor is required. Typically offered Spring. **Credits:** 3.00

Attachment B
Proposed

IDE 36000 - Multidisciplinary Engineering Statistics

Credit Hours: 3.00. Statistical methodology is critical to the engineering problem-solving process. This course introduces engineering students to the role of statistics in problem solving, and to the design and presentation of simple models and experiments. An emphasis will be placed on using computer software to perform statistical analyses and to the interpretation of the software results. This is a recommended course for the MDE statistics elective. Typically offered Spring. **Credits:** 3.00