Civil Engineering

1. Change the following course:

**CE 550 Experimental Methods in Fluid Dynamics (3 cr)**

The objective of this course is to develop the knowledge and skills to be able to design and perform fluid dynamics experiments (and experiments in related areas) and to interpret and report the results. Learn the words, the concepts, and experimental skills in areas including dimensional analysis and scaling of experiments, flow visualization, velocity and flow rate measurements, turbulence measurements, and sediment sizing and transport measurements. Additional projects/assignments reqd for grad cr. One 1-1/2 hr lec and one 3-hr lab a wk. Recommended Preparation: Engl 317 and Engr 335. See ME J451/J551.

Mechanical Engineering

1. Change the following courses from Dormant to Active:

**ME J451/J551 Experimental Methods in Fluid Dynamics (3 cr)**

ME 551 same as CE 550. The objective of this course is to develop the knowledge and skills to be able to design and perform fluid dynamics experiments (and experiments in related areas) and to interpret and report the results. Learn the words, the concepts, and experimental skills in areas including dimensional analysis and scaling of experiments, flow visualization, velocity and flow rate measurements, turbulence measurements, and sediment sizing and transport measurements. Additional projects/assignments reqd for grad cr. One 1-1/2 hr lec and one 3-hr lab a wk. Recommended Preparation: Engl 317 and Engr 335.

Rationale: This course was approved by UCC in October 2012, but the department failed to notice it on the Dormant course list for 2014-15 and so it became dormant and was only just realized. The course needs to be reinstated and no longer dormant.

**ME 551 Experimental Methods in Fluid Dynamics (3 cr)**

See ME J441/J551.