The Curriculum Review Committee and the Graduate Academic & Advisory Committee have approved the following:

## UNDERGRADUATE AND GRADUATE PROGRAM REQUEST:

## SUBMITTED BY THE COLLEGE OF ENGINEERING AND MINES

(Submitted by Mechanical Engineering)

143-UNC New

New Course: ME F443 / F643 - Fluid Mechanics and Heat Transfer

117-GNC

Characteristics of Nanofluids, 3 credits (3+0); prerequisites of ES F341 and ME F441 or their equivalent, or permission of instructor; senior standing for F443; graduate standing for F643; letter graded and not repeatable; to be offered as demand warrants; first offering Fall 2012;

effective Fall 2012. 2011

Effective: Fall 2011, unless otherwise specified.

Rationale: See request attached.

APPROVED:	Swan Levels	DATE: 6/17/11
	Chancellor's / Provost's Office	
DISAPPROVED:		DATE:
Diominico VDD.	Chancellor's / Provost's Office	