Code # EN01

**Bulletin Change Transmittal Form**

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| **Bulletin Change** Please attach a copy of all catalogue pages requiring editorial changes. |

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **Department Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **COPE Chair (if applicable)** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **Department Chair:** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **General Education Committee Chair (If applicable)** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **College Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Undergraduate Curriculum Council Chair** |
| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date… **College Dean** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Graduate Curriculum Committee Chair** |
|  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Vice Chancellor for Academic Affairs** |

**1.Contact Person** (Name, Email Address, Phone Number)

R. C. Clifft, [rclifft@atate.edu](mailto:rclifft@atate.edu), P. O. Box 1740, State University, AR 72467

870-972-2088

**2.Proposed Change**

Course description change for ENGR 4463; change the FE exam from required to optional.

**3.Effective Date**

8/15/2014

**4.Justification**

In the past, the College of Engineering has required all students to take the FE exam as part of ENGR 4463 and the College has paid the cost for the exam. However, with the new online exam, the cost has risen to $265 per student. Thus, the College will make the exam optional in the future and will pay the initial registration cost of $40 with the State of Arkansas. If a student takes the exam and passes, the College will reimburse the students $100.

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From page 439 of the 2013-14 Bulletin:

**ENGR 4453. Numerical Methods for Engineers** Numerical methods and computational tech­niques for solving engineering design problems. Prerequisite, C or better in MATH 4403. Fall, Spring.

**ENGR 4463. Senior Design I** Multidisciplinary group work on a design problem from conceptual­ization through selection of best alternative. A project proposal, progress report, comprehensive final report, and an oral presentation are required. ~~as well as s~~Sitting for the national FE exam is optional. Lectures cover preparation for the national FE exam, the design process, and professional practice topics. Lecture two hours, laboratory one hour per week. Prerequisite, senior standing and consent of instructor. Fall, Spring.

**ENGR 4482. Senior Design II** Group work to complete final design, fabrication, and testing as­pects of a senior design project. A project proposal, progress reports, comprehensive final report, and a public oral presentation are required. Project meetings and laboratory four hours per week. Prerequisite, C or better in ENGR 4463, senior standing, and consent of instructor. Fall, Spring.