Code # EN01 (2014)

**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)

Shivan Haran; [sharan@astate.edu](mailto:sharan@astate.edu); 972 2088

**2.Proposed Change**

Change Pre-requisites in

ENGR 3443 Engineering Thermodynamics I

* Pre-requisite:
  + Current: CHEM 1013 Gen Chem-I and ENGR 2403 Statics
  + Change to: CHEM 1013 Gen Chem-I and (PHYS 2034 University Physics-I OR ENGR 2403 Statics)

**3.Effective Date**

Fall 2015

**4.Justification**

ENGR 2403 Statics OR PHYS 2034 Physics-I will cover the required background, so this change provides more flexibility in lower level of the curriculum

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**ENGR 3443. Engineering Thermodynamics I** Engineering thermodynamics involves studies in the area of properties of substances, work and heat, the first and second laws of thermodynamics, entropy, ideal gases, availability, irreversibility, and efficiency. Prerequisites, C or better in CHEM 1013 and **~~ENGR 2403~~ (PHYS 2034 OR ENGR 2403)**. Fall, Spring, Summer.