Code # EN03 (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**

Delete Pre-requisite, Change Co-requisite, Change Time of offering, and fix bulletin placement for

ME 3613 Control Systems for Mechanical Engineers

* Pre-requisite:
  + Current: ME 3513 Mechanical Vibrations
  + Change to: **None**
* Co-requisite:
  + Current: ME 3504 Process Monitoring and Control
  + Change to: **ME 3513 Mechanical Vibrations**
* When it’s offered: Fall
  + Change to: **Spring**
* Bulletin placement:
  + Current: After ME 3513 Mechanical Vibrations
  + Change to: After ME 3533 Engineering Thermodynamics II

**3.Effective Date**

Fall 2015

**4.Justification**

The proposed changes will adequately support the topics covered in this course. Due to the nature of the lab work in this course, ME 3504 will no longer be required as a Co-requisite; this has been changed to ME3513 to give the students a better application background for this course.

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**ME 3613. Control Systems for Mechanical Engineering** This course addresses the analytical tools and principles for control design for mechanical systems including time and frequency domain techniques, analysis of response, design parameters, types of control systems, PLCs, relationship between transfer function methods and state-space methods. **~~Prerequisite “C” or better in ME 3513~~**. Corequisite ME **~~3504~~ 3513. ~~Fall~~** **Spring**.