Code # AG26 (2014)

**Bulletin Change Transmittal Form**

**Undergraduate Curriculum Council** - Print 1 copy for signatures and save 1 electronic copy.

**Graduate Council** - Print 1 copy for signatures and send 1 electronic copy to [pheath@astate.edu](mailto:pheath@astate.edu)

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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)

Rajesh Sharma, rsharma@astate.edu

**2.Proposed Change**

Delete TECH 2453 Technology Design Solid Works I

Delete TECH 3403. Pro ENGINEER

Delete TECH 3473. Structural Drafting

Add TECH 2703 Technical Graphics and AutoCAD to the emphasis area

**3.Effective Date**

8/24/2015

**4.Justification**

Three CADD courses (TECH 2453 Technology Design Solid Works I, TECH 3403. Pro ENGINEER, TECH 3473. Structural Drafting) are being deleted to consolidate the CADD curriculum. Currently, several of our CADD course are on two-year rotation. Deleting these three courses will enable us to offer these courses on a yearly rotation.

TECH 2703 Technical Graphics and AutoCAD was added to the CADD curriculum and is listed in the 2014-15 bulletin. However, it did not get listed on the degree plan. It is now being added to the CADD degree plan to rectify that omission.

**Major in Technology**

**Bachelor of Science**

**Emphasis in Computer Aided Drafting and Design**

A [complete 8-semester degree plan is available at http://registrar.astate.edu/.](http://registrar.astate.edu/)

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| **University Requirements:** |  |
| See University General Requirements for Baccalaureate degrees (p. 41) |  |
| **First Year Making Connections Course** | **Sem. Hrs.** |
| AGRI 1213, Making Connections in Agriculture | **3** |
| **General Education Requirements:** | **Sem. Hrs.** |
| See General Education Curriculum for Baccalaureate degrees (p. 84)  **Students with this major must take the following:**  *MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite*  *COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)* | **35** |
| **Major Requirements:**  Grade of “C” or better required for all Major Requirements | **Sem. Hrs.** |
| CIT 3013 Management Information Systems | 3 |
| ENG 3043, Technical Writing | 3 |
| MGMT 3153, Organizational Management **OR**  Sociology Elective **OR**  Psychology Elective | 3 |
| RET 3113, Fund. Applications of Renewable Energy | 3 |
| TECH 3773, Statistics | 3 |
| TECH 3863, Industrial Safety | 3 |
| TECH 4813, Operations Systems Research | 3 |
| TECH 4823, Quality Assurance | 3 |
| TECH 4853, Lean 6 Sigma for Manufacturing | 3 |
| TECH 4883, Work Center Management | 3 |
| **Sub-total** | **30** |
| **Emphasis Area (Computer Aided Drafting and Design):**  Grade of “C” or better required for all Emphasis Area Requirements | **Sem. Hrs.** |
| MATH 1033, Plane Trigonometry | 3 |
| **~~TECH 2453, Technology Design - Solid Works I~~** | **~~3~~** |
| TECH 2863, Principles of Technology | 3 |
| **TECH 2703 Technical Graphics and AutoCAD** | **3** |
| TECH 3413, AutoCAD / Inventor | 3 |
| **~~TECH 3403, Pro Engineer~~** | **~~3~~** |
| TECH 3433, AutoCAD 3-D Modeling | 3 |
| TECH 3453, Advanced Technology Design - Solid Works II | 3 |
| **~~TECH 3473, Structural Drafting~~** | **~~3~~** |
| TECH 3843, Manufacturing Materials and Processes | 3 |
| TECH 3853, Computer Aided Manufacturing (CAM) | 3 |
| TECH 3873, Tool Design | 3 |
| TECH 4743, Computer Numeric Control | 3 |
| TECH 4873, Motion and Time Study | 3 |
| **Sub-total** | **~~39~~ 33** |
| **Electives:** | **Sem. Hrs.** |
| Electives | **~~13~~ 19** |
| **Total Required Hours:** | **120** |

The bulletin can be accessed at <http://www.astate.edu/a/registrar/students/>

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