Code # AG27 (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 2053 CISCO V and TECH 2063 CISCO VI from emphasis area requirement. These 6 hours are added to the electives.

Replace TECH 4843 Labor Relations with RET 4123, Energy Conservation and Efficiency in emphasis area requirements

Add Renewable Energy Technology courses to the Technology electives

**3.Effective Date**

8/24/2015

**4.Justification**

TECH 2053 CISCO V and TECH 2063 CISCO VI courses are primarily taken by Computer systems emphasis area students at ASU Beebe. Since ASU Beebe does not offer these courses any more, students are unable to meet this requirement.

TECH 4843 Labor Relations is being deleted as a part of the effort to reduce the number of TECH courses. This is being replaced by RET 4123, Energy Conservation and Efficiency which is an existing course in the program.

Adding Renewable Energy Technology courses to the Technology electives will increase the choice of electives for the students. Renewable Energy Technology courses are already housed in the Technology program.

**Major in Technology**

**Bachelor of Science**

**Emphasis in Computer Systems**

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 Systems):**  Grade of “C” or better required for all Emphasis Area Requirements  Courses denoted below with an asterisk (\*) cannot be taken on the ASU-J campus; they are taught only at the 2+2 program institutions. | **Sem. Hrs.** |
| \* TECH 1013, Networking Essentials - Cisco I | 3 |
| \* TECH 1023, Router Technologies - Cisco II | 3 |
| \* TECH 2033, Advanced Routing and Switching - Cisco III | 3 |
| \* TECH 2043, WAN Technologies and Design - Cisco IV | 3 |
| **~~\* TECH 2053, Building Scalable Networks - Cisco V~~** | **~~3~~** |
| **~~\* TECH 2063, Remote Access Networks - Cisco VI~~** | **~~3~~** |
| **~~TECH 4843, Labor Relations~~** | **~~3~~** |
| **RET 4123, Energy Conservation and Efficiency** | **3** |
| TECH 2863, Principles of Technology | 3 |
| Technology**(TECH) /Renewable Energy Technology (RET**) Electives | 15 |
| 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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