# Eight-Semester Degree Plan
## Bachelor of Science
## Major in Technology
## Emphasis in Computer Systems
## 2017-2018

**ARKANSAS STATE UNIVERSITY**

### Year 1

| Fall Semester | | | | Spring Semester | | | |
|---|---|---|---|---|---|---|---|
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| ENG 1003 | Composition I | 3 | X | ENG 1013 | Composition II | 3 | X |
| COMS 1203 | Oral Communication | 3 | X | TECH 1013* | Networking Essentials- Cisco I | 3 | |
| MATH 1023 | College Algebra | 3 | X | ENG 2003/2013 or PHIL 1103 | World Literature to/ since 1660 or Intro to Philosophy | 3 | x |
| HIST 1013/1023; SOC 2213; PSY 2013; POSC 1003; GEO 2613; CMAC 1003 | Choose 1: World Civilizations to/ since 1660; Intro to Sociology; Intro to Psychology; Intro to Politics; Intro to Geography; Intro to Mass Communication | 3 | x | HIST 1013/1023; SOC 2213; PSY 2013; POSC 1003; GEO 2613; CMAC 1003 | Choose 1: World Civilizations to/ since 1660; Intro to Sociology; Intro to Psychology; Intro to Politics; Intro to Geography; Intro to Mass Communication | 3 | x |
| AGRI 1213 | Making Connections | 3 | | ART/MUS/ THEA 2503 | Fine Arts: Visual/ Music/ Theater Choose 1 | 3 | x |
| | **Total Hours:** | 15 | | | **Total Hours:** | 15 | |

### Year 2

| Fall Semester | | | | Spring Semester | | | |
|---|---|---|---|---|---|---|---|
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| TECH 1023* | Router Technologies- Cisco II | 3 | | BIOL 1003/101 | Biological Science with Lab | 4 | x |
| Gen Ed. Physical Science | See General Education List on page 84 of the 2017-18 Bulletin | 4 | x | Free Elective | Free elective, consult with Advisor | 3 | |
| TECH 2863 | Principles of Technology | 3 | | Free Elective | Free elective, consult with advisor | 3 | |
| HIST 2763/2773 or POSC 2103 | US History to/since 1876 or Intro to US Government | 3 | | TECH 2033* | Advanced Routing & Switching- Cisco III | 3 | |
| Free Elective | Free Elective, consult with Advisor | 3 | | TECH 2043* | WAN Technologies & Design- Cisco IV | 3 | |
| | **Total Hours:** | 16 | | | **Total Hours:** | 16 | |

### Year 3

| Fall Semester | | | | Spring Semester | | | |
|---|---|---|---|---|---|---|---|
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| TECH 3773; STAT 3233; AGRI 3233 | Statistics; Applied Statistics I; or Applied Ag Statistics | 3 | | TECH 4823 | Quality Assurance | 3 | |
| TECH 4813 | Operations Systems Research | 3 | | TECH 4853 | Lean 6 Sigma for Manufacturing | 3 | |
| ENG 3043 | Technical Writing | 3 | | CIT 3013 | Management Information Systems | 3 | |
| RET 3113 | Fund. Applications of Renewable Energy | 3 | | TECH 4883 | Work Center Management | 3 | |
| Free Elective | Free elective consult with advisor | 3 | | Free Elective | Free elective consult with advisor | 3 | |
| | **Total Hours:** | 15 | | | **Total Hours:** | 15 | |

| Year 4 | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Fall Semester** | | | | **Spring Semester** | | | |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| RET 4123 | Energy Conservation and Efficiency | 3 | | MGMT 3123 or SOC elective or PSY Elective | Organizational Behavior or | 3 | |
| TECH 3863 | Industrial Safety | 3 | | TECH Elective | TECH or RET Upper Level Elective | 9 | |
| Free Elective | Free elective, consult with advisor | 3 | | Free Elective | Free elective, consult with advisor | 1 | |
| TECH Elective | TECH or RET Upper level elective | 6 | | | | | |
| | | | | | | | |
| | | | | | | | |
| **Total Hours:** | | 15 | | **Total Hours**: | | 13 | |
| **Total Upper-Level Hours:** | | 45 | | **Total Degree Hours**: | | 120 | |

**Courses denoted with and asterisk (\*) cannot be taken on the ASU-Jonesboro campus; they are taught only at the 2+2 program institutions.**

Students requiring developmental course work based on low entrance exam scores (ACT, SAT, ASSET, COMPASS) may not be able to complete this program of study in eight (8) semesters. Developmental courses do not count toward total degree hours. **Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. In most cases, general education courses may be interchanged between semesters.** A minimum of 45 hours of upper-level credit (3000-4000 level) is required for this degree. Mandatory state and institutional assessment exams will be required during your degree program. ***Failure to participate in required assessments may delay graduation.***

**Additional Graduation Requirements**: