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baccalaureate degree contact:**

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Bachelor of Science in Technology

Bachelor of Science

Technology

**A-State Degree
Center on the
ASU-Beebe Campus**



Students who earn an ASU-Beebe Associate of Applied Science Degree in a technical area may continue their education by earning the Bachelor of Science degree in Technology. This program includes four emphasis areas which can be tailored to meet the needs of the career specifications designated by the student.

Bachelor of Science

Major: Technology

Emphasis:

Computer Systems

The Computer Systems option is designed to prepare a student to apply theories, perceptions, and principles in CISCO. Students learn the following: basic networking vocabulary, components, and concepts; binary, decimal, and hexadecimal numbering; switching operations and theory; TCP/IP network addressing and routing; IP subnetting; Variable Length Subnet Masking (VLSMs); Local Area (LAN), Wide Area (WAN), and remote access services; Introduction to the Cisco Internet Operating System (IOS); the initial configuration of CISCO Catalyst switches and routers; network discovery and management using CISCO Discovery Protocol (CDP); telnet and Trivial FTP (TFTP); interconnecting networks using TCP/IP and link state routing; configuring routers using RIP, IGRP, EIGRP, OSPF, IS-IS, BGP, and many other routing protocols.

Bachelor of Science

Major: Technology

Emphasis:

Technology Management

The Technology Management option is designed to prepare a student to apply theories, perceptions, and principles established in the humanities and social and behavioral sciences, as well as sound business practices in a technology-oriented environment. Graduates with this emphasis will serve as liaison between manufacturing or industrial production and the administrators of a company. Consequently, a sound understanding of the basic principles of business, personnel management, and management techniques will be mandatory.

Bachelor of Science

Major: Technology

Emphasis:

Technical Studies

The Technical Studies option is designed to permit the student to tailor a program in accordance with his/her specific interests for which a traditional baccalaureate degree is not attainable.

Students who have successfully completed some of the degree requirements in an occupational environment may continue their education under this educational umbrella.

Bachelor of Science

Major: Technology

Emphasis:

Computer Aided Drafting & Design

The Computer Aided Drafting and Design is designed to prepare a student to apply theories, perceptions, and principles in GIS, Structural Drafting, Pro E, CATIA, Architectural Drafting, INVENTOR, and Solid Works.

Prior Learning Assessment

Prior Learning Assessment enables students to earn college credit for learning acquired outside of the traditional college classroom.

Contact your academic advisor for details about earning Prior Learning Assessment credits.

