

**WEST VIRGINIA UNIVERSITY AT PARKERSBURG  
UNIFORM COURSE SYLLABUS**

**Name of Course:** Telecommunications Technologies    **Course No.** BTEC 280

**Department:** Business Technology

**Division:** Business & Economics

**I.    Course Objectives**

Upon successful completion of the course, students should be able to:

- ❑ Identify the major forms in which business information is communicated and how each is used.
- ❑ Identify the business client and audience using telecommunication technology.
- ❑ Identify the basic components of a communication system and how these components may be mapped onto any existing communication technologies.
- ❑ Identify digital communications and analog technologies.
- ❑ Use the Internet and tools such as electronic mail, FTP, News Groups, computer video, etc.
- ❑ Use common technologies for local, wide-area, and other networks.
- ❑ Use ongoing communication networks for management, security, and control.
- ❑ Conduct research on developments and trends in telecommunication technologies for strategic business applications.
- ❑ Set up a video, computer, and teleconference for a business.
- ❑ Apply multimedia formats and interactive elements in a business presentation through telecommunications.
- ❑ Knowledgeable of the Telecommunications Act that requires accessibility to equipment and services for those with disabilities and is overseen by the Federal Communications Commission.

**II.    Topics to Be Studied**

Telecommunication systems  
Developments and trends in telecommunications  
Multimedia Applications  
Telecommunications Act

**III.    Special Projects to Be Included in Course**

Hands-on Applications; research

**IV.    Methods of Student Evaluation**

Updated Spring 2003

Written Researched Report  
Group Project  
Presentation demonstrating telecommunication technology

**V. Assessment of Outcomes**

Successful demonstration of telecommunication technologies competencies at 70 percent or above accuracy.

**VI. Other Information**

None Applicable.