Florida Department of Education
Student Performance Standards

Course Title: **Fundamentals of Telecommunications**
Course Number: **8260400**
Course Length: **Semester**

Course Description:

The purpose of this course is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in Telecommunications.

CTE Standards and Benchmarks
01.0 Demonstrate leadership skills–The student will be able to:
01.01 Identify roles and responsibilities of members of professional and community service organizations, including career and technical student organizations.
01.02 Work cooperatively as a group member to achieve organizational goals.
01.03 Demonstrate leadership roles and organizational responsibilities.
01.04 Identify and utilize the planning process.
01.05 Develop a personal growth project.
02.0 Demonstrate employability skills as they relate to the Telecommunications industry–The student will be able to:
02.01 Identify personal talents and abilities that can contribute to positive self-esteem and success in the work place.
02.02 Practice teamwork skills.
02.03 Practice employability skills.
02.04 Practice positive work ethics and identify negative work ethics.
02.05 Exhibit work expectations of an employer in the Telecommunications industry.
02.06 Apply math, reading, science, and critical thinking skills as they relate to the Telecommunications industry.
03.0 Demonstrate effective communication skills–The student will be able to:
03.01 Describe why communication is the basis for all relationships.

CTE Standards and Benchmarks

	03.02	Distinguish between non-assertive, assertive, and aggressive communication.
	03.03	Demonstrate communication skills that promote positive relationships in the work place.
	03.04	Practice active listening skills.
	03.05	Utilize conflict resolution skills.
04.0	Analyze careers in the Telecommunication industry–The student will be able to:	
	04.01	Describe careers in the Telecommunications industry.
	04.02	Classify careers from entry level to professional level.
	04.03	Explore entrepreneurship opportunities in the Telecommunications industry
	04.04	Research and present information on a Telecommunication career to include roles and responsibilities, employment opportunities and requirements for education and training.
05.0	Select and use tools and equipment–The student will be able to:	
	05.01	Identify and select the appropriate tool for the assignment.
	05.02	Demonstrate the proper and safe use of tools and equipment.
	05.03	Practice care and maintenance of tools and equipment.
06.0	Develop a project related to Telecommunication–The student will be able to:	
	06.01	Apply the principals and elements of design in selecting a Telecommunication project.
	06.02	Interpret written directions for assembling/constructing a Telecommunication project.
	06.03	Apply math skills and construct a Telecommunication project.
07.0	Utilize technology as it relates to the Telecommunications industry–The student will be able to:	
	07.01	Identify technology utilized in the Telecommunications industry.
	07.02	Analyze technology trends impacting the Telecommunications industry.
	07.03	Utilize technology.
08.0	Demonstrate the skills involved in effective resource management–The student will be able to:	
	08.01	Identify steps of the decision-making process.

CTE Standards and Benchmarks	
	08.02 Distinguish between a need and a want.
	08.03 Explain how values and goals affect decisions.
	08.04 Develop a budget and savings plan.
	08.05 Analyze the relationship between resources and attainment of lifestyle goals.
09.0	Identify components of network systems–The student will be able to:
	09.01 Identify structure to access internet, including hardware and software components.
	09.02 Identify and configure user customization features in web browsers, including preferences, caching, and cookies.
	09.03 Recognize essential database concepts.
	09.04 Define and use additional networking and internet services.
10.0	Describe and use communication features of information technology–The student will be able to:
	10.01 Define important internet communications protocols and their roles in delivering basic Internet services.
	10.02 Identify basic principles of the Domain Name System (DNS).
	10.03 Identify security issues related to Internet clients.
	10.04 Identify and use principles of personal information management (PIM), including common applications.
	10.05 Efficiently transmit text and binary files using popular Internet services.
	10.06 Represent technical issues to a non-technical audience.