

Bossier Parish Community College Master Syllabus

Course Prefix and Number: COMM 111 **Credit Hours:** 3

Course Title: Engineering for Communication Media

Course Prerequisites: None

Textbook: Hechtman, John and Benshish, Ken. *Audio Wiring Guide: How to Wire the Most Popular Audio and Video Connectors*. 1st Edition.

Course Description: Basic engineering for communication media will be explored. The students will learn about cables, connectors, wiring, design, hand tools and test equipment used in the construction and maintenance of professional audio and video systems.

Learning Outcomes:

At the end of this course the student will

- A. Identify connectors and cables used in professional audio and video systems;
- B. Understand the basic electrical engineering principles and abstractions on which the design of audio and video systems are based; and
- C. Use engineering abstractions to analyze, design, construct, and repair simple and complex wiring systems.

To achieve the learning outcomes, the student will:

(The letter designations at the end of each statement refer to the learning outcome(s).)

- 1. Construct cables used in the A/V industry by selecting the correct wiring and connectors. (A, C)
- 2. Diagnose and determine the source of an audio or video system failure (B, C)
- 3. Demonstrate correct use of hand tools and hand-held test equipment (C)

Course Requirements: This course requires attendance, class participation, assignments, exams, and projects as determined by the instructor.

Course Grading Scale:	90 – 100	A
	80 – 89	B
	70 – 79	C
	60 – 69	D
	0 – 59	F

Course Fees: \$70.00

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