

ITSC 114: NURSE CALL SYSTEMS

Foothill College Course Outline of Record

Heading	Value
Units:	0.5
Hours:	6 lecture, 6 laboratory per quarter (12 total per quarter)
Prerequisite:	Completion of recognized sound and communication apprenticeship or equivalent and recent employment as an installer/technician in the sound and communication industry.
Degree & Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Letter Grade (Request for Pass/No Pass)
Repeatability:	Not Repeatable

Description

Covers the theory and installation of a nurse call system. Lessons include: components, ancillary systems, and working in a healthcare environment.

Course Objectives

The student will be able to:

- Describe the codes and regulating bodies that govern the health care industry
- Define general terms, titles, and acronyms used in the health care industry
- Identify the core devices of a nurse call system
- Interpret specific wiring diagrams

Course Content

- Introduction (Lec)
 - What is a nurse call system?
 - Intent and function
 - Codes and regulations
 - Tone and audio visual systems
 - Microprocessor and multiplexed systems
- Components (Lec)
 - Nurse master station
 - Duty and staff stations
 - Patient station
 - Auxiliary device
 - Dome lamps
- Ancillary Systems (Lec)
 - Staff presence systems
 - Pagers
 - Signage
 - Wireless phones
- Working in a Health Care Environment (Lec)
 - Risks
 - Preventative measures

E. Nurse Call Hands-on Lab (Lab)

- Install nurse call cabling and components completing a nurse call system

Lab Content

- Work individually and in teams with basic tools of the trade, test instruments and tool safety.
- Included will be the installation of sound and/or communication devices using proper cabling and nurse call equipment.
- Equipment safety and safe handling practices are reviewed and applied.

Special Facilities and/or Equipment

- Nurse call system and components, including patient stations, emergency stations, and dome lights for hands-on lab.
- When taught via Foothill Global Access, on-going access to email software and hardware; email address.

Method(s) of Evaluation

- Results of assessments
- Results of quizzes and tests
- Discussion participation

Method(s) of Instruction

- Lecture
- Group discussion
- Demonstration

Representative Text(s) and Other Materials

None

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

- Writing assignment:

- Based off of your previous lessons, explain in your own words how you could apply the installation skills to other proprietary nurse call systems

Discipline(s)

Telecommunication Technology