

**J. Sargeant Reynolds Community College**  
**Course Content Summary**

**Course Prefix and Number:** PSG 190

**Credits:** 2

**Course Title:** Coordinated Internship

**Course Description (including lecture hours, lab hours, total contacts)**

Offers a practicum in a functioning sleep disorders center and provides an opportunity for the student to practice patient set-up, machine calibrations, equipment usage; and nocturnal polysomnographs. Co-requisite: PSG 101. Laboratory 10 hours per week.

**General Course Purpose**

Gives the student experience working in a sleep lab where they can apply knowledge and practice skills learned in the classroom.

**Course Prerequisites/Corequisites** (*Entry-level competencies required for enrollment*)

Co-requisite: PSG 101

**Course Objectives** (Each item should complete the following sentence.)

Upon completing the course, the student will be able to:

- a. Practice the various physiological monitoring procedures to be performed on patients
- b. Demonstrate proficiency at reading patient history, physicals and classify pertinent information
- c. Understand the importance of and demonstrate good hand washing techniques and standard precautions
- d. Practice machine and patient calibrations

**Major Topics to be Included**

1. Standard Precautions/Hand washing Techniques
2. Sterilization/Disinfection
3. Patient Interview and History
4. Orienting patient to testing procedure
5. Administer pre and post test questionnaires
6. Explain testing procedure to all age ranges
7. Apply standard electrodes and sensors used in sleep testing
8. Perform measurements for EEG using the 10-20 International System
9. Biocalibration
10. Machine calibration
11. Recognize and document relevant data during acquisition
12. Unhook and cleanup

**Effective Date of Course Content Summary (Month, Date Year:)** August 2010