

Polysomnography/Sleep Technology, A.A.S.

Polysomnographic technologists perform sleep diagnostics working in conjunction with physicians to provide comprehensive clinical evaluations that are required for diagnosis of sleep disorders. By applying non-invasive monitoring equipment, the technologist simultaneously monitors EEG (electroencephalography), EOG (electro-oculography), EMG (electromyography), ECG (electrocardiography), multiple breathing variables and blood oxygen and carbon dioxide levels during sleep. Interpretive knowledge is required to provide sufficient monitoring diligence to recording parameters and the clinical events observed during sleep. Technologists provide supportive services related to the ongoing treatment of sleep related problems. The professional realm of this support includes guidance on the use of devices for the treatment of breathing problems during sleep and helping individuals develop sleeping habits that promote good sleep hygiene. PSG technologists are employed in Sleep Disorders Centers and Labs, which may be located in medical centers, hospitals, or clinic/office settings.

The Polysomnography program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). Graduates of the program will enter the field as Polysomnographic Technicians and be prepared to sit the national exam given by the Board of Registered Polysomnographic Technologists (BRPT) to gain the Registered Polysomnographic Technologist (RPSGT) credential.

This is a selective admission program with limited enrollment. Prospective students are encouraged to visit the program Web site (<http://www.jccc.edu/sleeptechnology>) or to contact JCCC program personnel for additional information and application materials at 913-469-7655.

Note: Metropolitan Community College students should seek specific counsel from the JCCC program personnel for the appropriate course plan and numbers.

Metropolitan Community College students should refer to Cooperative Program Information (<http://www.jccc.edu/cooperative>).

This program requires a professional liability insurance fee. Students will be notified via their JCCC student e-mail account if they are required to pay a \$16 fee. The dollar amount for fees is subject to change.

Students must "pass" all clinical courses and maintain a grade of "C" or higher in all non-clinical courses to remain in the program.

(Major Code 236A; State CIP Code 51.0917)

- Polysomnography (<http://www.jccc.edu/sleeptechnology>)

Associate of Applied Science Degree

Prior to beginning professional courses

MATH 116	Intermediate Algebra* (or higher)	3
CHEM 122	Principles of Chemistry	5
BIOL 144	Human Anatomy and Physiology	5-8
or BIOL 140 & BIOL 225	Human Anatomy and Human Physiology*	
Total Hours		13-16

First Semester

EMS 121	CPR I - Basic Life Support for Healthcare Provider (Or current AHA BLS Health Care Provider Certification AND Health and/or Physical Education Elective)	1
HC 130	Medical Terminology for Healthcare Professions (Or satisfactory completion of a health related degree or certificate)	3
ENGL 121	Composition I*	3
PSG 125	Introduction to Sleep Medicine*	4
PSG 130	Physiology of Sleep Medicine*	3
Total Hours		14

Second Semester

PSG 140	Sleep Disorders*	4
PSG 145	Sleep Study Instrumentation*	4
PSG 150	Polysomnography I*	4

Communications Elective ^	3
Total Hours	15

^ Communications Elective (<http://catalog.jccc.edu/fall/degreecertificates/electives/communications-aas>)

Third Semester

PSG 245	Polysomnography Clinical I*	6
PSG 250	Polysomnography II*	4
Social Science/Economics Elective ^		3
Total Hours		13

^ Social Science/Economics Elective (<http://catalog.jccc.edu/fall/degreecertificates/electives/social-sci-econ-aas>)

Fourth Semester

PSG 255	Polysomnography Clinical II*	6
PSG 265	Polysomnography Capstone*	3
Humanities/Art Elective ^		3
Total Hours		12

^ Humanities/Art Elective (<http://catalog.jccc.edu/fall/degreecertificates/electives/humanities-aas>)

Total Program Hours: 64-70