POLYSOMNOGRAPHY (SLEEP MEDICINE) TECHNOLOGY CERTIFICATE: 535
Total Credits: 34
Catalog Edition: 2021-2022

Program Description

(TP/SS): 535

THIS PROGRAM IS SUSPENDED EFFECTIVE SPRING 2021. STUDENTS MAY NOT ENROLL IN SUSPENDED PROGRAMS. STUDENTS ENROLLED IN THIS PROGRAM PRIOR TO SPRING 2021 WILL NOT BE ABLE TO GRADUATE WITH THIS DEGREE AFTER FALL 2023. PLEASE VISIT THE HEALTH SCIENCES WEBPAGE TO REVIEW OTHER OPPORTUNITIES WITHIN THE HEALTH SCIENCES.

Students who plan to get a certificate in polysomnography (sleep medicine) technology will be assigned the temporary major of POS code 535 until they are officially admitted to the polysomnography technology certificate program.

The polysomnography (sleep medicine) technology certificate program is designed for practicing polysomnography technicians, as well as individuals who would be filling entry-level positions in the field, who need to complete didactic studies and supervised clinical practice to meet the requirements of the Maryland State Legislature for licensure in the state of Maryland as a polysomnographic technologist. Graduates of the program will be eligible to apply for the Polysomnographic Certification exam administered by Board of Registered Polysomnographic Technologists and for licensure in the state of Maryland as a polysomnographic technologist.

Program Outcomes

Upon completion of this program a student will be able to:

- Explain the realm of polysomnography to the public.
- Use culturally appropriate therapeutic and professional communication techniques with patients and the health care team.
- Conduct polysomnographic studies in accordance with established legal and ethical guidelines.

- Apply knowledge of cardiopulmonary and neuromuscular anatomy and physiology while obtaining and reading polysomnograms.
- Explain human anatomy and physiology as it relates to sleep disorders and how sleep disorders affect anatomy and physiology.
- Apply knowledge of gas laws and electrical physics while obtaining and reading polysomnograms.
- Discuss the major sleep and arousal disorders based on age-specific criteria.
- Use knowledge of polysomnographic research to maintain currency in practice.
- Operate a variety of polysomnographic and ancillary equipment required for obtaining polysomnograms and providing therapeutic interventions.
- Adjust equipment for obtaining a polysomnogram with valid clinical data.
- Discriminate between the impact of pharmacological agents used to treat sleep disorders and those in common use that affect the polysomnogram.
- Apply standard age-specific criteria for scoring polysomnograms.
- Generate an accurate report that integrates abnormal physiological events and sleep stage scoring.
- Evaluate the patient's clinical presentation associated with specific sleep and arousal disorders for determination of appropriate protocols, testing parameters, procedures, and therapeutic interventions.
- Adapt polysomnographic procedures based on the patient's disease process; risk for infection; culture; and special physical, emotional, and cognitive needs.
- Prepare patients for all aspects of polysomnographic testing.
- Respond to patient needs during polysomnographic testing.
- Maintain patient safety at all times.

Program Advisors
Takoma Park/Silver Spring

2021-2022

Program Advising Guide
An Academic Reference Tool for Students

535

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- Prof. Jared Rice, 240-567-5801, jared.rice@montgomerycollege.edu

To view the Advising Worksheet, please visit https://www.montgomerycollege.edu/_documents/counseling-and-advising/advising-worksheets/current-catalog/535.pdf

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Program Requirements

A suggested course sequence for full-time students follows. All students should review this advising guide and consult an advisor.

Program Requirements

CMAP 120 - Introduction to Computer Applications *3 semester hours*

HINM 115 - Medical Terminology I *2 semester hours*

HINM 116 - Medical Terminology II *2 semester hours*

PSYC 102 - General Psychology *3 semester hours*

POSM 101 - Anatomy and Physiology for Polysomnography *4 semester hours*

POSM 102 - Introduction to Polysomnography *3 semester hours*

POSM 103 - Sleep Disorders *3 semester hours*

POSM 104 - Polysomnography I *3 semester hours*

POSM 105 - Clinical Practicum I *3 semester hours*

POSM 201 - Polysomnography II *4 semester hours*

POSM 202 - Clinical Practicum II *4 semester hours*

Total Credit Hours: 34

Transfer Opportunities
Montgomery College has partnerships with multiple four-year institutions and the tools to help you transfer. To learn more, please visit https://www.montgomerycollege.edu/transfer or http://artsys.usmd.edu .

Get Involved at MC!
Employers and Transfer Institutions are looking for experience outside the classroom.

MC Student Clubs and Organizations: https://www.montgomerycollege.edu/life-at-mc/student-life/

Related Careers
Some require a Bachelor's degree.
Medical and Clinical Laboratory Technician.

Career Services
Montgomery College offers a range of services to students and alumni to support the career planning process. To learn more, please visit https://www.montgomerycollege.edu/career

Career Coach
A valuable online search tool that will give you the opportunity to explore hundreds of potential careers or job possibilities in Maryland and the Washington D.C. metropolitan area. Get started today on your road to a new future and give it a try. For more information, please visit https://montgomerycollege.emsicc.com

Notes:
For more information, please visit https://www.montgomerycollege.edu/academics/programs/polysomnography/polysomnography-sleep-medicine-certificate.html