KINGSBOROUGH COMMUNITY COLLEGE
The City University of New York

CURRICULUM TRANSMITTAL COVER PAGE

Department: Allied Health, Mental Health and Human Services **Date:** 9/10/2021

Title Of Course/Degree/Concentration/Certificate: PSG 100 - The Science of Sleep Circadian Rhythms

Change(s) Initiated: (Please check)

- ☐ **Closing of Degree**
- ☐ **Closing of Certificate**
- ☐ **New Certificate Proposal**
- ☐ **New Degree Proposal**
- ☐ **New Course**
- ☐ **New 82 Course (Pilot Course)**
- ☐ **Deletion of Course(s)**
- ☐ **Change in Degree or Certificate**
- ☐ **Change in Degree: Adding Concentration**
- ☐ **Change in Degree: Deleting Concentration**
- ■ **Change in Prerequisite, Corequisite, and/or Pre/Co-requisite**
- ☐ **Change in Course Designation**
- ■ **Change in Course Description**
- ☐ **Change in Course Title, Number, Credits and/or Hours**
- ☐ **Change in Academic Policy**
- ☐ **Pathways Submission:**
  - ☐ **Life and Physical Science**
  - ☐ **Math and Quantitative Reasoning**
  - ☐ **A. World Cultures and Global Issues**
  - ☐ **B. U.S. Experience in its Diversity**
  - ☐ **C. Creative Expression**
  - ☐ **D. Individual and Society**
  - ☐ **E. Scientific World**
- ☐ **Change in Program Learning Outcomes**
- ☐ **Other (please describe):** _____

PLEASE ATTACH MATERIAL TO ILLUSTRATE AND EXPLAIN ALL CHANGES

DEPARTMENTAL ACTION

Action by Department and/or Departmental Committee, if required:

Date Approved: _____ **Signature, Committee Chairperson:** _____

If submitted Curriculum Action affects another Department, signature of the affected Department(s) is required:

Date Approved: _____ **Signature, Department Chairperson:** _____

Date Approved: _____ **Signature, Department Chairperson:** _____

I have reviewed the attached material/proposal

Signature, Department Chairperson: Richard Fruscione

Revised/Augl.2018/AK

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TO: Fall 2021 Curriculum Committee

FROM: Prof. Richard Fruscione
Chair, Department of Allied Health, Mental Health and Human Services,

DATE: 6/18/2021

RE: Change in Pre-/Co-requisite and Course Description for PSG 100 – The Science of Sleep and Circadian Rhythms

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The Department of Allied Health, Mental Health and Human Services is proposing a change in the Pre-/Co-requisite and Course Description for PSG 100 – The Science of Sleep and Circadian Rhythms.

Change in Pre-/Co-requisite:

FROM:

Pre-/Co-requisites: ENG 1200 and BIO 1100

TO:

Pre-/Co-requisites: ENG 1200, BIO 1100**, and MAT 9B0 or MAT 900**

Change in Course Description:

FROM:

This course is designed to provide students with the biological basis for clinical sleep and circadian rhythms disorders. Students will be introduced to the history of sleep research, and current theories regarding how and why we sleep. Daily biological rhythms and their relationship to sleep and wake states will also be investigated in this course.

TO:

This course is designed to provide students with the biological basis for clinical sleep and circadian rhythms disorders. Students will be introduced to the history of sleep research, and current theories regarding how and why we sleep. Daily biological rhythms and their relationship to sleep and wake states will also be investigated in this course. **This course is intended for students planning on applying to the Polysomnographic Technology, AAS.**

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Rationale for Change:

Students wishing to matriculate in the Polysomnographic Technology Program can only start the course sequence after completing ENG 1200, BIO 1100, Math 900 and PSG 100 (The Science of Sleep and Circadian Rhythms). Currently, students are allowed to register for PSG 100 even if they are in a remedial math course and are not eligible to take MATH 900. Our Curriculum Assessment Committee has evaluated the course sequence, took into consideration our external accreditor's reportable thresholds, and measured the success rates of students. If MATH 900 or MAT 9B0 is added to PSG 100 as a pre-/co-requisite, this will improve the admissions criteria and student success rates in the program.

The inclusion of MAT 9B0 – College Algebra for STEM Majors, aligns with CUNY's transition to remove courses that *follow* Elementary Algebra (MAT M200), but *precede* the first-level Pathways MQR Algebra course - MAT 900. At Kingsborough, MAT R300 – Elementary Algebra II, is this course. MAT R300 is required for students who *pass* MAT M200 (Math Proficient), but who did not score high enough to go directly into MAT 900. As MAT R300 will be phased out, students will go into either MAT 9B0 or MAT 900 depending upon their Math Proficiency Index. Students who enroll in MAT 9B0 CANNOT take MAT 900 as both courses cover Algebra. An update to the degree requirements for the Polysomnographic Technology AAS reflects this change.

The current language that was proposed to the Curriculum Committee in 2018 did not fully recognize PSG 100 as part of the programming sequence. PSG 100 was never intended to be a general class open to all students. The change in course description highlights the intention that this course is for students interested in applying to the Polysomnograhic Technology program.