

**Course Syllabus**  
**SCPS 606 Seminar in Physiology**  
**Credits: 1 (1-0-2)**  
**Academic Year 2024**

**Course Coordinator:** Assistant Professor Dr. Ioannis Papadimitriou  
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**Instructors:**

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**Course schedule:** From January 2025 – February 2025  
Time: 13:30 – 15:00  
Room: Pr.408

**Curriculum:** Master of Science Program in Physiology (required course)

**Semester offering:** Second semester

**Prerequisite:** None

**Course Description:**

Basic techniques in handling original research articles in physiology: presenting the research rationale and experimental approach, analyzing, critiquing and presenting key findings; techniques in handling discussion and questions.

**Alignment of Expected Learning Outcome (ELOs) with specific and generic learning outcomes:**

<b>ELO</b>	<b>Description</b>	<b>Teaching and Learning Approach</b>	<b>SS/GS/K</b>	<b>Assessment</b>
ELO 1	Apply the proper knowledge in physiology with ethical mindset	1) Self-study 2) Discussion 3) Demonstrate	K2, K3	Rubrics for presentations
ELO 2	Evaluate physiological concepts for knowledge transfer and problem solving	1) Self-study 2) Presentation 3) Discussion	K4, K6, K8, K10, GS4, GS9, GS10	Rubrics for presentations
ELO 3	Apply research skills in physiology or related fields to produce publications or other research outputs	1) Self-study 2) Presentation 3) Discussion	K4, K6, K8, K10, GS4, GS9, GS10	Rubrics for presentations
ELO 5	Transfer/deliver knowledge by using various means of communications	1) Self-study 2) Presentation 3) Demonstrate	GS4–5, GS9–11	Rubrics for presentations

**Course Assignments:**

- Send selected article to the course coordinator one week prior to the seminar
- Submit abstract with selected figures and poster to the course coordinator one week prior to the seminar

**Assessment Criteria:**

Formative evaluation

- None

Summative evaluation

Category 1: Abstract and Slide preparation	10%
Category 2: Presenting skills	15%
Category 3: Organization	25%
Category 4: Interpretation	25%
Category 5: Question Handling	25%
Performance (total)	100%

- Category 1–5                      90%
- Class participation              10%

Students will be graded (A = above 80%, B+ = above 75%, B = above 70%) based on student’s score from the whole course.

**References:**

- Selected research articles

**Appeal Procedure:**

Students can appeal about the assessment, grade or any issues directly to the instructors and/or course coordinator by direct contact, email or telephone.

**Evaluation Criteria**

	Poor (1)	Fair (2)	Good (3)	Excellent (4)
<b>Slide Preparation</b>	<ul style="list-style-type: none"> <li>- Slides do not support the topic theme</li> <li>- Citations are deficit</li> </ul>	<ul style="list-style-type: none"> <li>- Slides partly support the topic theme</li> <li>- Citations are insufficient</li> </ul>	<ul style="list-style-type: none"> <li>- Slides mostly support the topic theme</li> <li>- Citations are appropriate</li> </ul>	<ul style="list-style-type: none"> <li>- Slides perfectly support the topic theme</li> <li>- Citations are complete</li> </ul>
<b>Presentation</b>	<ul style="list-style-type: none"> <li>- No eye contact</li> <li>- Inappropriate speed of speaking</li> <li>- Frequent mispronunciation</li> </ul>	<ul style="list-style-type: none"> <li>- Occasionally eye contact</li> <li>- Irregular speed of speaking</li> <li>- Some mispronunciations</li> </ul>	<ul style="list-style-type: none"> <li>- Eye contact in important points</li> <li>- Appropriate speed of speaking</li> <li>- Some mispronunciations</li> </ul>	<ul style="list-style-type: none"> <li>- Properly engage with audience</li> <li>- Minimal mispronunciations</li> </ul>
<b>Organization</b>	<ul style="list-style-type: none"> <li>- Unable to follow and incomplete</li> <li>- Insufficient information</li> </ul>	<ul style="list-style-type: none"> <li>- Contain most of the information</li> <li>- Inappropriate sequential information</li> </ul>	<ul style="list-style-type: none"> <li>- Contain all essential information</li> <li>- Logical sequential information</li> </ul>	<ul style="list-style-type: none"> <li>- Fully engage with all information</li> <li>- Well explained all key results</li> </ul>
<b>Interpretation</b>	<ul style="list-style-type: none"> <li>- No conclusion and/or application</li> </ul>	<ul style="list-style-type: none"> <li>- Inappropriate conclusion and/or application</li> </ul>	<ul style="list-style-type: none"> <li>- Inadequate conclusion and/or application</li> </ul>	<ul style="list-style-type: none"> <li>- Valid conclusion and application</li> </ul>
<b>Question Handling</b>	<ul style="list-style-type: none"> <li>- Barely answer questions</li> </ul>	<ul style="list-style-type: none"> <li>- Answer some questions</li> </ul>	<ul style="list-style-type: none"> <li>- Answer most questions</li> </ul>	<ul style="list-style-type: none"> <li>- Answer all questions with elaboration</li> </ul>