Carroll University – MSPAS Program  
PHA505: Clinical Medicine I  
Fall Term 2017

Course number: Physician Assistant 505  
Course title: Clinical Medicine I  
Number of credits: 5 credit hours  
Day/time: Wednesday mornings 7:00 -8:50 and Thursday afternoons 1:00-3:50 with additional sessions per Google Calendar

Prerequisites: Successful completion of Year I Summer Courses

Faculty: Bob Schellinger MD  
Office: PHCMA Moreland Family Medicine  
717 W Moreland Blvd  
Waukesha, WI 53188  
Office Hours: Available on request  
Telephone: 262-370-0351  
E-mail: rschelli@carrollu.edu

Course description

This course integrates the pathophysiology, clinical diagnosis, and management of a spectrum of disorders in the comprehensive presentation of the various disease processes commonly encountered in primary care across the spectrum of clinical medicine. Clinical Medicine II employs a system-oriented, problem based approach. Clinical information is presented in conjunction with appropriate, correlative lectures pharmacology, radiology, laboratory diagnostics, and nutrition. Organ systems covered in Clinical Medicine II include: endocrinology, gastroenterology, urology, nephrology, orthopedics, rheumatology and behavioral medicine. Prerequisites: Successful completion of all courses in the winter term.

Course Content

Clinical medicine will complete the exploration of the pathophysiologic processes in various anatomic and physiologic systems including musculoskeletal, neurologic, endocrine, ophthalmologic, urologic, renal and otolaryngology. The class format will consist of a combination of lecture style and problem based learning to help facilitate a deeper understanding of the course material.

Student Expectations

- Complete assigned readings prior to class to effectively participate in problem based learning activities
- Demonstrates a positive attitude toward learning
- Is on time for all scheduled classes, including timely return from breaks
- Completes readings and assignments prior to class
- Asks relevant and understandable questions
- Takes full responsibility for learning and self-directed learning activities
• shows respect for self, other students, and faculty
• refrains from revealing negative feelings through tone of voice or body language
• refrains from disruptive activities during class including eating, talking, getting up and down, use of cell phone, etc.
• relies on personal resources before approaching others for help
• demonstrates cooperation with and mutual respect for peers
• responds to faculty, staff and peers readily and appropriately

Instructor Expectations

• demonstrates a positive attitude towards the facilitation of learning
• is on time for all scheduled classes
• should the need arise, reschedules class time with appropriate and timely notification to students, faculty, and staff
• provides appropriate course materials for class preparation prior to class
• is available for office hours or appointments to assist with questions; responds to faculty, staff, and students readily and appropriately
• listens attentively and initiates communication which is appropriate and timely
• identifies limitations in knowledge and provides appropriate resources for student learning
• provides timely and constructive feedback for assignments and assessments
• shows respect for self, students, and other faculty
• refrains from revealing negative feelings through tone of voice or body language
• demonstrates cooperation with and mutual respect for students, faculty, and staff

Required Text and Reading

Reading List will be provided

Recommended Additional Text

Current Medical Diagnosis and Treatment Tierney, et al., 2017 Edition
DeGowin’s Diagnostic Examination LeBlond, et al., Tenth Edition

Grading

The course grade for the fall semester will be based upon the following:

Five Exams all weighted equally

<table>
<thead>
<tr>
<th>Letter</th>
<th>Conversion scale</th>
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<tbody>
<tr>
<td>A</td>
<td>100-93</td>
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<tr>
<td>AB</td>
<td>92.99-90</td>
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<td>B</td>
<td>89.99-83</td>
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<td>BC</td>
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<td>79.99-70</td>
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<td>D</td>
<td>69.99-60</td>
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<tr>
<td>F</td>
<td>59 and below</td>
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</table>
**Attendance and Professionalism**

Attendance at all class periods, laboratories, and practical experiences are mandatory unless otherwise indicated. Poor attendance (unexcused absences, tardiness, and unauthorized early departures), lack of preparation, and unprofessional behavior may result in a lower or failing grade and/or be reported to the program progression committee. If you will be absent, tardy, or need to be excused early you must notify the course director via e-mail or phone prior to the scheduled meeting time. Tardiness and unauthorized early departures will be considered unexcused absences unless prior notification is submitted. Unexcused absences of more than 10% of class time may result in a failing grade. Absences are excused only at the discretion of the course director and/or the PA Program Director. Students may be required to make up missed laboratory time (excused or unexcused) at the discretion of the course director.

**Examinations**

There will be three exams during the semester. Please refer to the schedule for details. Exams are case-vignette multiple choice exams and are closed-book. Challenges to examination questions will be accepted for 1 week after the return of scores. Challenges must be submitted in writing via email with two written sources, at least one from recommended course readings.

No books, papers, notebooks, cellphones, smartphones, I-pods, I-pads, blackberry, etc. or backpacks/bookbags will be allowed on/near your desk during an examination. Recommend keeping personal belongings in the back of the room or in lockers. Hats are prohibited during an exam. Cellphones, smartphones, I-pods, I-pads, blackberry, etc must be turned off during an examination.

**Assignments**

Assignments will be required and will be outlined on the LMS course site.

**Statement on Academic Integrity**

The Carroll University Academic Integrity Policy is located in the Carroll University Student Handbook. Students are encouraged to familiarize themselves with it. If a student violates this policy in any way, the instructor(s) reserve the right to impose a sanction of failure on the assignment/assessment or failure in the course. If you have questions about appropriate citations, please ask your instructor.

**Accommodation for Disabilities**

Any requests for accommodation for physical or cognitive disability must be made through the Walter Young Disability Services Coordinator at Carroll University. Appropriate accommodations will be evaluated based on the program technical standards once notification has been received from the Walter Young coordinator. If an individual student has special needs or concerns about course requirements related to religious beliefs, cultural issues, or other issues, the student must contact the Program Director with a request for accommodation.

**Modifications to the syllabus**

The instructor and the University reserves the rights to modify, amend, or change the syllabus (schedule, course requirements, grading policy, etc.) as the curriculum and/or program require(s).
Remediation

Students who receive a D or an F in this or any physician assistant year 1 course will be placed on academic probation.

During the course, a student who scores more than 2 SD below the mean on an exam/assessment may be required to complete additional work. The student will be contacted by the course instructor and asked to meet to discuss the remediation requirements for that particular assessment. Remediation requirements will be determined by the course instructor. When an instructor requires remediation of a student it does not affect the exam/assessment grade, nor does it improve the semester or course grade. Remediation is required to ensure that course objectives are met. It is expected that assigned work for the purpose of remediation be completed in a thorough, professional and timely manner. Satisfactory completion of remediated work will be determined by the course instructor. Students may be required to complete additional work if the original remediation is deemed unsatisfactory.

Students should make every effort to resolve remediation issues with the course director. If a student is unable to resolve such issues s/he may request a review by the Didactic Subcommittee. All decisions made by the subcommittee are final. If remediation is not successfully completed by the end of the course/semester a grade of “Incomplete” will be given until the work is successfully completed. Please note that an incomplete course grade may delay program progression and/or graduation. Information regarding incomplete grades is available in the Graduate Catalog.

Course Goals

By the end of Clinical Medicine II, the student will have developed a broad primary care understanding of various pathophysiologic diseases and processes in a variety of anatomic and physiologic systems apply the recognition and treatment of such disease processes to a variety of patient populations including those who are medically underserved.

Learning Outcomes

At the end of Clinical Medicine II, the student will be able to utilize components of the medical history, physical exam and various ancillary tests to correctly diagnose medical conditions in dermatology, cardiology, pulmonology, hematology, oncology and gastroenterology. Further, the student will be able to correctly formulate evidenced-based diagnostic and therapeutic strategies for medical diagnoses in the same systems.
Learning Objectives

**Dermatology:**

Create a diagnostic approach and formulate an appropriate management plan for the following conditions:

- Premalignant and malignant skin lesions
- Eczema
- Bullous diseases
- Dermatitis
- Alopecia and Hair loss
- Nail disorders
- Psoriasis
- Alterations of Pigmentation

**Pulmonology:**

Create a diagnostic approach and formulate an appropriate management plan for the following conditions:

- Pneumonia
- Asthma
- COPD
- Restrictive Lung Disease
- Lung Cancer
- Interstitial Lung Disease
- Pulmonary hypertension

**Cardiology:**

Create a diagnostic approach and formulate an appropriate management plan for the following conditions:

- Hypertension
- Hyperlipidemia
- Atherosclerosis
- Peripheral Vascular Disease
- Congestive Heart Failure
Dysrhythmias
Valvular Heart Disease
Coronary Artery Disease

Hematology/Oncology:
Create a diagnostic approach and formulate an appropriate management plan for the following conditions:

Anemia
Coagulation Disorders (Bleeding and Thromboembolism)
Leukemia
Lymphoma

Gastroenterology:
Create a diagnostic approach and formulate an appropriate management plan for the following conditions:

Diarrhea
Constipation
Hepatobiliary Diseases
Disorders of the Upper GI tract
Disorders of the Lower GI tract
Gastrointestinal Malignancies

Course Schedule

*Schedule is subject to change*

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<thead>
<tr>
<th>Date</th>
<th>Topic/System</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>September 7th</td>
<td>Basics of Dermatology/dermatitis</td>
<td>Schellinger</td>
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<tr>
<td>September 13th</td>
<td>Eczema/Acne/Rosacea</td>
<td>Schellinger</td>
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<td>September 14th</td>
<td>Papulosquamous/Vesicular Disorder</td>
<td>Schellinger</td>
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<td>September 20th</td>
<td>Nail and Hair Disorders</td>
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<td>September 21st</td>
<td>Coronary Artery Disease</td>
<td>Schellinger</td>
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<td>September 27th</td>
<td><strong>Dermatology Exam</strong></td>
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<td>September 28th</td>
<td>Valvular Heart Disease/CHF</td>
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<td>October 4th</td>
<td>Hyperlipidemia/Hypertension</td>
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<td>October 5th</td>
<td>Dysrhythmias</td>
<td>Schellinger</td>
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<td>October 11th</td>
<td><strong>Cardiology Exam</strong></td>
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<td>WAPA</td>
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<td>October 18th</td>
<td>Pneumonia/Lung Cancer</td>
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<td>October 19th</td>
<td>Asthma</td>
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<td>October 25th</td>
<td>Restrictive/Interstitial Lung Disease</td>
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<td>October 26th</td>
<td>COPD</td>
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<td>November 1st</td>
<td>Pulmonology Exam</td>
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<td>November 2nd</td>
<td>Coagulopathy</td>
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<td>November 8th</td>
<td>Thromboembolic Disease</td>
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<tr>
<td>November 9th</td>
<td>Anemia</td>
<td>Schellinger</td>
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<td>November 15th</td>
<td>Lymphoma/Leukemia</td>
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<td>November 16th</td>
<td>Diarrhea/Constipation</td>
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<td>November 22nd</td>
<td>Hematology/Oncology Exam</td>
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<td>November 29th</td>
<td>Thanksgiving Break</td>
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<td>December 6th</td>
<td>Hepatobiliary Diseases</td>
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<td>Upper GI Conditions</td>
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<td>Lower GI Conditions</td>
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