

MAR 5 2013

## Course Information

Date Submitted: 3/11/2013

Current Prefix and Number: PAS - Physician Assistant Studies , PAS 660 - FAMILY MED CLERKSHIP

Other Course:

Proposed Prefix and Number:

What type of change is being proposed?

Major – Add Distance Learning

Should this course be a UK Core Course? No

## 1. General Information

a. Submitted by the College of: College of Health Sciences

b. Department/Division: Physician Assistant Studies

c. Is there a change in 'ownership' of the course? No

If YES, what college/department will offer the course instead: Select...

e. Contact Person

Name: Suzanne Fiscella

Email: suzanne.fiscella@uky.edu

Phone: 859-218-0857

Responsible Faculty ID (if different from Contact)

Name: DeShana Collett

Email: DCollettPAC@uky.edu

Phone: 859-218-0845

f. Requested Effective Date

Semester Following Approval: Yes OR Effective Semester:

## 2. Designation and Description of Proposed Course

a. Current Distance Learning (DL) Status: Please Add

b. Full Title: FAMILY MEDICINE CLERKSHIP

Proposed Title: Family Medicine Clerkship

c. Current Transcript Title: FAMILY MED CLERKSHIP

Proposed Transcript Title:

d. Current Cross-listing: none

Proposed – ADD Cross-listing :

Proposed – REMOVE Cross-listing:

e. Current Meeting Patterns

CLINICAL: 90

Proposed Meeting Patterns

CLINICAL: 90

f. Current Grading System: Graduate School Grade Scale

Proposed Grading System: PropGradingSys

g. Current number of credit hours: 6

Proposed number of credit hours: 6

h. Currently, is this course repeatable for additional credit? No

Proposed to be repeatable for additional credit? No

If Yes: Maximum number of credit hours:

If Yes: Will this course allow multiple registrations during the same semester? No

2i. Current Course Description for Bulletin: This is an eight-week clinical course designed to provide physician assistant students with experience in evaluation and treating common problems encountered in Family medicine. Experience is provided at the level of a primary care physician assistant, and emphasis is placed on performing a history and physical exam, selecting and interpreting laboratory exams, establishing a logical differential diagnosis, conducting research on clinical problems, performing selected studies, and establishing a tentative treatment plan.

Proposed Course Description for Bulletin: This is an eight-week clinical course designed to provide physician assistant students with experience in evaluation and treating common problems encountered in Family medicine. Experience is provided at the level of a primary care physician assistant, and emphasis is placed on performing a history and physical exam, selecting and interpreting laboratory exams, establishing a logical differential diagnosis, conducting research on clinical problems, performing selected studies, and establishing a tentative treatment plan.

2j. Current Prerequisites, if any: Prereq: Enrollment in the Physician Assistant program and successful completion of the didactic portion of the curriculum.

Proposed Prerequisites, if any:

2k. Current Supplementary Teaching Component:

Proposed Supplementary Teaching Component:

3. Currently, is this course taught off campus? No

Proposed to be taught off campus? No

If YES, enter the off campus address:

4. Are significant changes in content/student learning outcomes of the course being proposed? No

If YES, explain and offer brief rationale:

5a. Are there other depts. and/or pgms that could be affected by the proposed change? No

If YES, identify the depts. and/or pgms:

5b. Will modifying this course result in a new requirement of ANY program? No

If YES, list the program(s) here:

6. Check box if changed to 400G or 500: No

## Distance Learning Form

Instructor Name: DeShana Collett

Instructor Email: DCollettPAC@uky.edu

Internet/Web-based: No

Interactive Video: No

Hybrid: Yes

1. How does this course provide for timely and appropriate interaction between students and faculty and among students? Does the course syllabus conform to University Senate Syllabus Guidelines, specifically the Distance Learning Considerations? Students will participate in this course, interacting with fellow students and faculty via Blackboard. The syllabus explains how to contact the instructor (via email and phone) and expected response times. The syllabus conforms to Senate guidelines.

2. How do you ensure that the experience for a DL student is comparable to that of a classroom-based student's experience? Aspects to explore: textbooks, course goals, assessment of student learning outcomes, etc. The course goals and content are the same as for a typical classroom-based experience. Quizzes, written assignments and performance are as challenging as for any comparable course. To ensure the highest production quality possible, student performance and testing are frequently monitored throughout the course via email, phone and site visits, as well as evaluation of clinical experiences.

3. How is the integrity of student work ensured? Please speak to aspects such as password-protected course portals, proctors for exams at interactive video sites; academic offense policy; etc. Students will access Blackboard with their user login and password. Students will also submit all written work through SafeAssign on Blackboard. Written work will be graded by the instructor. Final exams require proctoring by the instructor via Blackboard or other secure appropriate software. Grades for interactive discussion will be provided to the student only by the instructor. The student's placement will be supervised by a qualified clinical professional. This will ensure that the learning goals are appropriately met.

4. Will offering this course via DL result in at least 25% or at least 50% (based on total credit hours required for completion) of a degree program being offered via any form of DL, as defined above? No

If yes, which percentage, and which program(s)?

5. How are students taking the course via DL assured of equivalent access to student services, similar to that of a student taking the class in a traditional classroom setting? The students taking this course will have equivalent access to student services via the UK Library services and other UK student support websites. Students will be able to use their LinkBlue ID to access these resources.

6. How do course requirements ensure that students make appropriate use of learning resources? This course is Blackboard-based; the students have to access it for a copy of the syllabus, quizzes, written assignments. The students must use UK Library services to obtain the majority of the reading assignments and to search references for their writing materials and appropriate references.

7. Please explain specifically how access is provided to laboratories, facilities, and equipment appropriate to the course or program. Students will not require access to equipment outside of a personal computer and appropriate software. Students will primarily use the services of UK's Distance Learning, UK Distance Learning Library and electronic access to UK Libraries. Access is restricted to UK users via userID and password.

8. How are students informed of procedures for resolving technical complaints? Does the syllabus list the entities available to offer technical help with the delivery and/or receipt of the course, such as the Information Technology Customer Service Center (<http://www.uky.edu/UKIT/>)? Students are informed via the syllabus and given contact information for technical issues.

9. Will the course be delivered via services available through the Distance Learning Program (DLP) and the Academic Technology Group (ATL)? YES

If no, explain how student enrolled in DL courses are able to use the technology employed, as well as how students will be provided with assistance in using said technology.

10. Does the syllabus contain all the required components? YES

11. I, the instructor of record, have read and understood all of the university-level statements regarding DL.

Instructor Name: DeShana Collett

SIGNATURE|KOSKAF0|Karen O Skaff|Dept approval for ZCOURSE\_CHANGE PAS 660|20121130

SIGNATURE|PNASH|Phyllis J Nash|College approval for ZCOURSE\_CHANGE PAS 660|20121203

SIGNATURE|JDLIND2|Jim D Lindsay|HCCC approval for ZCOURSE\_CHANGE PAS 660|20130104

SIGNATURE|ZNNIKO0|Roshan N Nikou|Graduate Council approval for ZCOURSE\_CHANGE PAS 660|20130220

**Courses** | **Request Tracking**

**Course Change Form**

<https://myuk.uky.edu/sap/bc/soap/rfc?services=>

[Open in full window to print or save](#)

Generate **5**

**Attachments:**

Upload File

ID	Attachment
Delete 1039	FAMILY MEDICINE CLERKSHIP.docx
<input type="button" value="First"/> <input type="button" value="1"/> <input type="button" value="Last"/>	

Select saved project to retrieve...

Get  New

NOTE: Start form entry by choosing the Current Prefix and Number (\*denotes required fields)

<b>Current Prefix and Number:</b>	PAS - Physician Assistant Studies PAS 660 - FAMILY MED CLERKSHIP	<b>Proposed Prefix &amp; Number:</b>	
* What type of change is being proposed?		<input type="checkbox"/> Major Change <input checked="" type="checkbox"/> Major - Add Distance Learning <input type="checkbox"/> Minor - change in number within the same hundred series, exception 60 same "hundred series" <input type="checkbox"/> Minor - editorial change in course title or description which does not imply content or emphasis <input type="checkbox"/> Minor - a change in prerequisite(s) which does not imply a change in content or emphasis, or which is made necessary by the elimination or significant change to the prerequisite(s) <input type="checkbox"/> Minor - a cross listing of a course as described above	
Should this course be a UK Core Course? <input type="radio"/> Yes <input checked="" type="radio"/> No			
If YES, check the areas that apply:			
<input type="checkbox"/> Inquiry - Arts & Creativity <input type="checkbox"/> Composition & Communications - II <input type="checkbox"/> Inquiry - Humanities <input type="checkbox"/> Quantitative Foundations <input type="checkbox"/> Inquiry - Nat/Math/Phys Sci <input type="checkbox"/> Statistical Inferential Reasoning <input type="checkbox"/> Inquiry - Social Sciences <input type="checkbox"/> U.S. Citizenship, Community, Diversity <input type="checkbox"/> Composition & Communications - I <input type="checkbox"/> Global Dynamics			
<b>1. General Information</b>			
a. Submitted by the College of:		College of Health Sciences	
		Today's Date: 3/11/2013	
b. Department/Division:		Physician Assistant Studies	
c.* Is there a change in "ownership" of the course?			
<input type="radio"/> Yes <input checked="" type="radio"/> No      If YES, what college/department will offer the course instead? <input type="text" value="Select..."/>			
e.* * Contact Person Name:		Suzanne Fiscella      Email: <a href="mailto:suzanne.fiscella@uky.edu">suzanne.fiscella@uky.edu</a> Phone: 859-218-0857	
* Responsible Faculty ID (if different from Contact):		DeShana Collett      Email: <a href="mailto:DCollettPAC@uky.edu">DCollettPAC@uky.edu</a> Phone: 859-218-0845	
f.* Requested Effective Date:		<input checked="" type="checkbox"/> Semester Following Approval      OR      Specific Term: 2	
<b>2. Designation and Description of Proposed Course.</b>			
a. Current Distance Learning(DL) Status:		<input type="radio"/> N/A <input type="radio"/> Already approved for DL* <input checked="" type="radio"/> Please Add <input type="radio"/> Please Drop	
*If already approved for DL, the Distance Learning Form must also be submitted <u>unless</u> the department affirms (by checking this box ) that the proposed changes do not affect DL delivery.			
b. Full Title:		FAMILY MEDICINE CLERKSHIP	
		Proposed Title: *      Family Medicine Clerkship	
c. Current Transcript Title (if full title is more than 40 characters):		FAMILY MED CLERKSHIP	
c. Proposed Transcript Title (if full title is more than 40 characters):			

d.	Current Cross-listing: <input checked="" type="checkbox"/> N/A	OR	Currently <sup>2</sup> Cross-listed with (Prefix & Number):	none	
	Proposed – ADD <sup>3</sup> Cross-listing (Prefix & Number):				
	Proposed – REMOVE <sup>2,4</sup> Cross-listing (Prefix & Number):				
e.	Courses must be described by at least one of the meeting patterns below. Include number of actual contact hours <sup>4</sup> for each meeting pattern type.				
Current:	Lecture	Laboratory <sup>2</sup>	Recitation	Discussion	Indep. Study
	Clinical 90	Colloquium	Practicum	Research	Residency
	Seminar	Studio	Other: _____ Please explain: _____		
Proposed: *	Lecture	Laboratory <sup>2</sup>	Recitation	Discussion	Indep. Study
	Clinical 90	Colloquium	Practicum	Research	Residency
	Seminar	Studio	Other: _____ Please explain: _____		
f.	Current Grading System:	Graduate School Grade Scale			
	Proposed Grading System:*	<input checked="" type="radio"/> Letter (A, B, C, etc.) <input type="radio"/> Pass/Fail <input type="radio"/> Medicine Numeric Grade (Non-medical students will receive a letter grade)			
g.	Current number of credit hours:	6	Proposed number of credit hours:*	6	
h.*	Currently, is this course repeatable for additional credit?				<input type="radio"/> Yes <input checked="" type="radio"/> No
*	Proposed to be repeatable for additional credit?				<input type="radio"/> Yes <input checked="" type="radio"/> No
	If YES:	Maximum number of credit hours:			
	If YES:	Will this course allow multiple registrations during the same semester?			<input type="radio"/> Yes <input checked="" type="radio"/> No
i.	Current Course Description for Bulletin:				
	This is an eight-week clinical course designed to provide physician assistant students with experience in evaluation and treating common problems encountered in Family medicine. Experience is provided at the level of a primary care physician assistant, and emphasis is placed on performing a history and physical exam, selecting and interpreting laboratory exams, establishing a logical differential diagnosis, conducting research on clinical problems, performing selected studies, and establishing a tentative treatment plan.				
*	Proposed Course Description for Bulletin:				
	This is an eight-week clinical course designed to provide physician assistant students with experience in evaluation and treating common problems encountered in Family medicine. Experience is provided at the level of a primary care physician assistant, and emphasis is placed on performing a history and physical exam, selecting and interpreting laboratory exams, establishing a logical differential diagnosis, conducting research on clinical problems, performing selected studies, and establishing a tentative treatment plan.				
j.	Current Prerequisites, if any:				
	Prereq: Enrollment in the Physician Assistant program and successful completion of the didactic portion of the curriculum.				
*	Proposed Prerequisites, if any:				
k.	Current Supplementary Teaching Component, if any:			<input type="radio"/> Community-Based Experience <input type="radio"/> Service Learning <input type="radio"/> Both	

Proposed Supplementary Teaching Component:	<input type="radio"/> Community-Based Experience <input type="radio"/> Service Learning <input type="radio"/> Both <input type="radio"/> No Change
<b>3. Currently, is this course taught off campus?</b>	<input type="radio"/> Yes <input checked="" type="radio"/> No
* Proposed to be taught off campus?	<input type="radio"/> Yes <input checked="" type="radio"/> No
If YES, enter the off campus address:	
<b>4.* Are significant changes in content/student learning outcomes of the course being proposed?</b>	<input type="radio"/> Yes <input checked="" type="radio"/> No
If YES, explain and offer brief rationale:	
<b>5. Course Relationship to Program(s).</b>	
a.* Are there other depts and/or pgms that could be affected by the proposed change?	<input type="radio"/> Yes <input checked="" type="radio"/> No
If YES, identify the depts. and/or pgms:	
b.* Will modifying this course result in a new requirement <sup>2</sup> for ANY program?	<input type="radio"/> Yes <input checked="" type="radio"/> No
If YES <sup>2</sup> , list the program(s) here:	
<b>6. Information to be Placed on Syllabus.</b>	
a. <input type="checkbox"/> Check box if changed to 400G or 500.	If changed to 400G- or 500-level course you must send in a syllabus and you must include the different between undergraduate and graduate students by: (i) requiring additional assignments by the graduate and/or (ii) establishing different grading criteria in the course for graduate students. (See SR 3.1.4.)

**Distance Learning Form**

This form must accompany every submission of a new/change course form that requests distance learning delivery. This form may be required when changing a course already approved for distance learning. All fields are required!

**Introduction/Definition:** For the purposes of the Commission on Colleges Southern Association of Colleges and Schools accreditation review, *distance learning* is defined as an educational process in which the majority of the instruction (interaction between students and instructors and among students) in a course occurs when students and instructors are not in the same place. Instruction may be synchronous or asynchronous. A distance learning (DL) course may employ correspondence study, or audio, video, or computer technology.

A number of specific requirements are listed for DL courses. The department proposing the change in delivery method is responsible for ensuring that the requirements are satisfied at the individual course level. It is the responsibility of the instructor to have read and understood the university-level assurances regarding an equivalent course for students utilizing DL. (available at <http://www.uky.edu/USC/Newforms.htm>).

Course Number and Prefix: PAS 660	Date: 11/29/2012
Instructor Name: DeShana Collett	Instructor Email: DCollettPAC@uky.edu
Check the method below that best reflects how the majority of the course content will be delivered.	
Internet/Web-based <input type="checkbox"/>	Interactive Video <input type="checkbox"/>
Hybrid <input checked="" type="checkbox"/>	

**Curriculum and Instruction**

1. How does this course provide for timely and appropriate interaction between students and faculty and among students? Does the course syllabus conform to University Syllabus Guidelines, specifically the Distance Learning Considerations?
 

Students will participate in this course, interacting with fellow students and faculty via Blackboard. The syllabus explains how to contact the instructor (via email and phone) and expected response times. The syllabus
2. How do you ensure that the experience for a DL student is comparable to that of a classroom-based student's experience? Aspects to explore: textbooks, course goal assessment of student learning outcomes, etc.
 

The course goals and content are the same as for a typical classroom-based experience. Quizzes, written assignments and performance are as challenging as for any comparable course. To ensure the highest production quality possible,

3. How is the integrity of student work ensured? Please speak to aspects such as password-protected course portals, proctors for exams at interactive video sites; acad policy; etc.

Students will access Blackboard with their user login and password. Students will also submit all written work through SafeAssign on Blackboard. Written work will be graded by the instructor. Final exams require proctoring by

4. Will offering this course via DL result in at least 25% or at least 50%\* (based on total credit hours required for completion) of a degree program being offered via an as defined above?

No

If yes, which percentage, and which program(s)?

\*As a general rule, if approval of a course for DL delivery results in 50% or more of a program being delivered through DL, the effective date of the course's DL delivery is 12 months from the date of approval.

5. How are students taking the course via DL assured of equivalent access to student services, similar to that of a student taking the class in a traditional classroom set? The students taking this course will have equivalent access to student services via the UK Library services and other UK student support websites. Students will be able to use their LinkBlue ID to access these resources.

#### Library and Learning Resources

6. How do course requirements ensure that students make appropriate use of learning resources?

This course is Blackboard-based; the students have to access it for a copy of the syllabus, quizzes, written assignments. The students must use UK Library services to obtain the majority of the reading assignments and to

7. Please explain specifically how access is provided to laboratories, facilities, and equipment appropriate to the course or program.

Students will not require access to equipment outside of a personal computer and appropriate software. Students will primarily use the services of UK's Distance Learning, UK Distance Learning Library and electronic access to UK

#### Student Services

8. How are students informed of procedures for resolving technical complaints? Does the syllabus list the entities available to offer technical help with the delivery and/o the course, such as the Information Technology Customer Service Center (<http://www.uky.edu/UKIT/>)?

Students are informed via the syllabus and given contact information for technical issues.

9. Will the course be delivered via services available through the Distance Learning Program (DLP) and the Academic Technology Group (ATL)?

Yes  
 No

If no, explain how students enrolled in DL courses are able to use the technology employed, as well as how students will be provided with assistance in using said tec

10. Does the syllabus contain all the required components, below?  Yes

- Instructor's *virtual* office hours, if any.
- The technological requirements for the course.
- Contact information for Distance Learning programs (<http://www.uky.edu/DistanceLearning/>) and Information Technology Customer Service Center (<http://www.uky.edu/UKIT/Help/>; 859-218-HELP).
- Procedure for resolving technical complaints.
- Preferred method for reaching instructor, e.g. email, phone, text message.
- Maximum timeframe for responding to student communications.
- Language pertaining academic accommodations:
  - "If you have a documented disability that requires academic accommodations in this course, please make your request to the University Disability Resource Center. The Center will require current disability documentation. When accommodations are approved, the Center will provide me with a Letter of Accommodation detailing the recommended accommodations. Contact the Disability Resource Center, Jake Karnes, Director at 859-257-2754 or [jkarnes@email.uky.edu](mailto:jkarnes@email.uky.edu)."
- Specific dates of face-to-face or synchronous class meetings, if any.
- Information on Distance Learning Library Services (<http://www.uky.edu/Libraries/DLIS>)
  - Carla Cantagallo, DL Librarian
  - Local phone number: 859 257-0500, ext. 2171; long-distance phone number: (800) 828-0439 (option #6)
  - Email: [dllservice@email.uky.edu](mailto:dllservice@email.uky.edu)
  - DL Interlibrary Loan Service: [http://www.uky.edu/Libraries/libpage.php?web\\_id=2538&lib\\_id=16](http://www.uky.edu/Libraries/libpage.php?web_id=2538&lib_id=16)

11. I, the instructor of record, have read and understood all of the university-level statements regarding DL.

Instructor Name: DeShana Collett

Abbreviations: DLP = Distance Learning Programs ATG = Academic Technology Group Customer Service Center = 859-218-HELP (<http://www.uky.edu/UKIT/Help/>)

Revised 3/09

<sup>11</sup> See comment description regarding minor course change. *Minor changes are sent directly from dean's office to Senate Council Chair.* If Chair deems the change as "informal" form will be sent to appropriate academic Council for normal processing and contact person is informed.

<sup>12</sup> Courses are typically made effective for the semester following approval. No course will be made effective until all approvals are received.

<sup>13</sup> Signature of the chair of the cross-listing department is required on the Signature Routing Log.



<sup>141</sup> Removing a cross-listing does not drop the other course – It merely unlinks the two courses.

<sup>142</sup> Generally, undergrad courses are developed such that one semester hr of credit represents 1 hr of classroom meeting per wk for a semester, exclusive of any lab meeting generally represents at least two hrs per wk for a semester for 1 credit hour. (See SR 5.2.1.)

<sup>143</sup> You must also submit the Distance Learning Form in order for the course to be considered for DL delivery.

<sup>144</sup> In order to change a program, a program change form must also be submitted.

[Submit as New Proposal](#)   [Save Current Changes](#)   [Delete Form Data and Attachments](#)

**PAS 660**  
**FAMILY MEDICINE CLERKSHIP**  
**Division of Physician Assistant Studies**  
**Department of Clinical Sciences**  
**College of Health Sciences**  
**University of Kentucky**

**Course Director**

DeShana Collett, MPAS, PA-C  
900 Charles T. Wethington Bldg., Ste. 205c  
859-218-0845  
dcollettpac@uky.edu

**Office Hours**

Appointment only. Email is the best source of communication and setting up appointments.

**Course Description**

This is an 8-week clinical course designed to provide the physician assistant student with experience in evaluating and treating common problems encountered in Family Medicine. Experience is provided at the level of a primary care physician assistant.

**Structure of Student Learning**

This course requires the use of distance technology for the following:

- All assignments to be submitted through Blackboard.
- Dictation assignments utilize Blackboard.
- Changes in the course or notifications will be found on Blackboard, email so please check these often.
- Exams and quizzes will be given online through Exam Master, a web based company.
- Preceptor evaluations will be turned in through fax and/or PA Manager, a web-based program.
- Patient Logs must be turned in through PA Manager, a web-based program.
- Grades will be posted on Blackboard before posted on your UK records.
- 90% of your course work will be completed in other locations than UK Campus.

**Required Texts**

**Essentials of Family Medicine, 6th Edition**, Sloane, PD, Slatt, LM, Ebell, MH, Smith, MA, Power, D, & Viera, AJ (eds), 2012 (published May 2011), Edition: Sixth ISBN/ISSN: 9781608316557

Tierney, et al; Current Medical Diagnosis and Treatment; 2012, McGraw-Hill

Behrman, et al; Nelson Essential of Pediatrics; [current edition used in Pediatrics Clerkship], WB Saunders Publishers

Hacker & Moore, Essentials of Obstetrics and Gynecology , 5<sup>th</sup> edition 9781416059400

Kaplan, HI, Saddock B.J.; Concise Textbook of Psychiatry; [current edition used in Psychiatry Clerkship], Lippincott, Williams & Wilkins

Craig, et al.; Modern Pharmacology with Clinical Applications; [edition used in didactic class]; Lippincott Williams and Wilkins Publishers

Kane, et al; Essentials of Clinical Geriatrics; [current edition used for Geriatrics Clerkship]; McGraw-Hill, New York. 2004.

Acceptable sources: JNC 7 for HTN guidelines, CDC

### Technology for Distance Learning Course

- The technological requirements for the course may be found at the following link: <http://www.uky.edu/DistanceLearning/faculty/technology/techReqs.html>
- Contact information for Distance Learning programs (<http://www.uky.edu/DistanceLearning>) and Information Technology Customer Service Center (<http://www.uky.edu/UKIT/Help/>; 859-218-HELP).
- Procedure for resolving technical complaints: Call 859-218-HELP, if not resolved, then contact instructor via email.
- Preferred method for reaching instructor, email at [dcolletpac@uky.edu](mailto:dcolletpac@uky.edu).
- Maximum timeframe for responding to student communications. 24 hours for the week and 48 hours for the weekend.
- If you have a documented disability that requires academic accommodations in this course, please make your request to the University Disability Resource Center. The Center will require current disability documentation. When accommodations are approved, the Center will provide me with a Letter of Accommodation which details the recommended accommodations. Contact the Disability Resource Center, Jake Karnes, Director at 859-257-2754 or [jkarnes@email.uky.edu](mailto:jkarnes@email.uky.edu).
- Students will have 2 days of class meetings on campus every month. Those will be listed in the student clerkship manual.
- Information on Distance Learning Library Services (<http://www.uky.edu/Libraries/DLLS>)
  - Carla Cantagallo, DL Librarian
  - Local phone number: 859 257-0500, ext. 2171; long-distance phone number: (800) 828-0439 (option #6)
  - Email: [dllservice@email.uky.edu](mailto:dllservice@email.uky.edu)
  - DL Interlibrary Loan Service:  
[http://www.uky.edu/Libraries/libpage.php?lweb\\_id=253&lilib\\_id=16](http://www.uky.edu/Libraries/libpage.php?lweb_id=253&lilib_id=16)

### Policy Regarding Late Work

Submission of late work is unprofessional behavior and will be penalized. All required work must be submitted by midnight on the Thursday before End of Clerkship day. **Late work will be not accepted.** Repeated offense in submitting late work throughout the clinical year may result in the student going before the Standards Committee and further action will be taken. Course work to be submitted will include all assignments relative to the clerkship as well as signed PA Manager case logs. Completed preceptor evaluations should be brought in on call back day and placed in the red folder after taking the exam.

### Reports and Profiles

You will be required to complete 1 write up for community experience component as described below and 1 patient profile.

### Community Experience Component

In order to increase exposure to other members of the healthcare team and broaden the knowledge regarding how different professionals interact, each student is required to spend two days with a healthcare professional represented from the list below. The first day should be completed in the first four weeks and the second day in the last four weeks.

- One of the two days must be spent with a local pharmacist. This can be either in a community/retail setting or in a hospital.
- The second day may be spent with any professional listed below:
  - Pharmacist in an area different from the other day

- Physical Therapy
- Speech Therapy
- Dietician/nutritionist
- Occupational Therapy
- Nurse Practitioner
- Hospital administrator
- Chiropractor
- Podiatry
- Optometry
- Respiratory Therapy
- Other – student must get permission from course director if choosing a professional other than those listed above

Within the first week of the clerkship, the student is to identify an area of interest with the help of the preceptor and arrange to spend at least eight hours “shadowing” their chosen professional. The student will schedule and execute this community experience.

It is expected that if the student has a day “off” because their physician preceptor is not seeing patients on that day, this day will be used. In some instances the student will have to schedule a time out of the clinical practice to complete this activity. It is the student’s responsibility to inform the preceptor and office staff of the need to be away from the clinical site. If the student, with the help of the preceptor, is unable to locate an allied health professional willing to allow this experience, they should contact the course director.

You should submit the following for both community components:

- Name of person you shadowed
- Credentials/degrees of person above
- **Date and times spent** with person above
- Name/address/phone number of facility/site
  - By the Thursday before the End-of-Clerkship meeting day, the student will submit a signed credential sheet by the professional you shadowed for verification and a signed/dated PA Manager report from your preceptor

You will choose one of those experience days as a write up with the requirements as instructed below:

- Students should submit, by email, the write-up in a Word document (if you have limited access to email, you should contact the course director within the first week of the clerkship)
- Length should be 2-3 pages
- Single-spaced, 1 inch margins, 12 point Times New Roman font
- Give the following information and answer the following questions:
  - Name of person you shadowed
  - Credentials/degrees of person above
  - Date and times spent with person above
  - Name/address/phone number of facility/site
  - Describe the entry level educational requirements for this profession. Have these requirements changed over the recent years or is there change going on now?
  - Describe your views of this person’s profession before your shadowing experience.
  - Describe your views following the experience.
  - Describe the typical interactions between a PA and the person’s profession in which you shadowed.
  - Describe how interactions between PAs and this profession can lead to better quality healthcare for patients.
  - Describe how this profession can enhance your function as a PA.
  - Describe limitations to the interactions between PAs and the profession you shadowed.
  - Tip – there are no right or wrong answers! Be honest! If all the material is presented as above, each student can expect full credit from this portion of the course.

## Patient Profiles

Patient profile as listed in the manual in proper format.

- I. Title page
- II. Chief Complaint
- III. HPI
- IV. Current Medications and Allergies
- V. PMH
- VI. Family HX
- VII. Social HX
- VIII. Review of Systems
- IX. PE
- X. Differential Diagnosis
- XI. Problem list( List ALL pt problems)
- XII. Lab/Diagnostic test results
- XIII. Course of Treatment (Plan)
- XIV. Pathophysiology of Primary Disease
- XV. References

## Course Exams

There will be two exams in this course; one after the first four weeks and one after the second four weeks. Each exam will contain 60 questions to be answered on bubble sheet-type answer forms (i.e., no hand-written answers). The objectives in section 2.0 above have been split to allow the student to focus on those objectives that are to be covered by each exam.

- Exam 1 – given at the end of the first four weeks will cover objectives 2.01 through, and including, 2.31
  - Exam 2 – given at the end of the last four weeks will cover objectives 2.32 through 2.51. At the discretion of the course director, **as much as 20%** of exam 2 material will be comprehensive from exam 1. This is keeping with the comprehensive nature of medicine.

Any student requesting to take an exam at a time other than that assigned must contact the course director as soon as possible. A valid excuse is needed to schedule a make-up time and will be subject to the course director's schedule. See Student Manual for clarification regarding excused absences.

## Course Grading

Exam 1	15%
Exam 2	15%
Community Experience Write-up	5%
Patient Profile	5%
Preceptor Evaluation	50%
Professionalism	10%
Typhon Patient Log	
Pass/Fail	
-----	
Total	100%

Grades will be assigned on a standard scale: A = 90.0 – 100%  
B = 80.0 –  
89.9% C =

70.0 – 79.9%

E = <70%

Final grades **will not** be rounded up (e.g. 79.9 is a C, not a B).

The student must pass the PA Manager Clinical Tracker component to pass the clerkship. Clinical patient logs and clinical hour reports must be **signed and dated by preceptor on the Thursday** before the end of clerkship exam.

These reports must be uploaded into the Blackboard course shell.

### **Clerkship Objectives**

The following is not an all-inclusive list of medical conditions or procedures but an attempt has been made to include the more common conditions encountered in the primary care setting. Students are expected to know, understand and retain knowledge about the objectives listed in the area below. The student is expected to utilize reading material. Reading material may be used for testing even though not listed in objectives. The student may be tested over other conditions/procedures not listed here but that are encountered in the setting of Family Medicine.

1.0 The physician assistant student shall demonstrate knowledge and skill in evaluating, managing, and preventing diseases and conditions at the level of the primary care physician assistant. Competency is expected in the following areas:

1.1 Obtaining an appropriate age specific history, including an appropriate sexual history

1.2 Performing an appropriate age specific physical examination

1.3 Selecting, ordering, analyzing clinical and laboratory tests, and special studies.

1.4 Demonstrate an understanding of the physiological changes associated with normal aging including their influences on various studies and tests.

1.5 Establishing a logical diagnosis/differential diagnosis

1.6 Establishing an appropriate treatment strategy to include pharmacological and non-pharmacological treatments.

1.7 Creating a comprehensive care plan to include appropriate referral, consultations and interdisciplinary coordination of other health professional and community resources.

1.8 Participating in appropriate research related to disease and disorders found in family practice to include

clinical research, epidemiology, literature reviews and evidence-based medical reviews.

1.9 Describing appropriate prevention and family education strategies especially in the areas of nutrition, exercise, routine screening exams, immunizations, and safety.

2.0 The physician assistant student shall apply the knowledge and skills identified in 1.0 to evaluate and develop a management plan at the level of a primary care physician assistant for the following body systems and medical conditions:

2.01 Eye

2.01.1 Symptoms of Ocular Disease (e.g., Redness, Ocular Discomfort, Conjunctival Discharge, Vision Loss, etc...)

2.02 Eye Disorders

2.03 Blepharitis

2.04 Blowout fracture/ocular trauma

2.05 Cataract

2.06 Chalazion

2.07 Conjunctivitis

2.08 Corneal abrasion

2.09 Corneal ulcer

2.10 Dacryoadenitis

2.11 Ectropion

- 2.12 Entropion
- 2.13 Foreign body
- 2.14 Glaucoma
- 2.15 Hordeolum
- 2.16 Hyphema
- 2.17 Macular degeneration
- 2.18 Nystagmus
- 2.19 Optic neuritis
- 2.20 Orbital cellulitis
- 2.21 Papilledema
- 2.22 Pterygium
- 2.23 Retinal detachment
- 2.24 Retinal vascular occlusion
- 2.25 Retinopathy, diabetic and hypertensive
  
- 2.26 Strabismus
- 2.27 **Ear, Nose, and Throat**
  - 2.27.1 Hearing Loss
  - 2.27.2 Cerumen Impaction
  - 2.27.3 Foreign Bodies
  - 2.27.4 External Otitis
  - 2.27.5 Dysfunction of Eustachian tube
  - 2.27.6 Serous Otitis Media
  - 2.27.7 Acute /Chronic Otitis Media
  - 2.27.8 Complications of Otitis Media
  - 2.27.9 Tinnitus
  - 2.27.10 Vertigo
  - 2.27.11 Acoustic neuroma
  - 2.27.12 Barotrauma
  - 2.27.13 Cholesteatoma
  - 2.27.14 Mastoiditis
  - 2.27.15 Meniere disease
  - Nose/Sinus Disorders**
  - 2.27.16 Viral Rhinitis
  - 2.27.17 Acute /Chronic Sinusitis
  - 2.27.18 Allergic Rhinitis
  - 2.27.19 Epistaxis
  - 2.27.20 Nasal Polyps
  - Mouth/Throat Disorders**
  - 2.27.21 Oral Cancer, Leukoplakia, and Erythroplakia
  - 2.27.22 Acute pharyngitis
  - 2.27.23 Aphthous ulcers
  - 2.27.24 Diseases of the teeth/gums
  - 2.27.25 Epiglottitis
  - 2.27.26 Laryngitis
  - 2.27.27 Oral candidiasis
  - 2.27.28 Oral herpes simplex
  - 2.27.29 Oral leukoplakia
  - 2.27.30 Peritonsillar abscess
  - 2.27.31 Parotitis
  - 2.27.32 Sialadenitis
  - 2.27.33 Benign and malignant neoplasms

- 2.28 Lung
  - 2.28.1 Dyspnea
  - 2.28.2 Cough
  - 2.28.3 Hemoptysis
  - 2.28.4 Asthma
  - 2.28.5 Chronic Obstructive Pulmonary Disease
  - 2.28.6 Pneumonia
- 2.29 Heart
  - 2.29.1 Chest Pain/Dyspnea
  - 2.29.2 Coronary Heart Disease
  - 2.29.3 Angina Pectoris
  - 2.29.4 Acute Coronary Syndrome
  - 2.29.5 Acute Myocardial Infarction
  - 2.29.6 Heart Failure
- 2.30 Systemic Hypertension
- 2.31 Blood Vessels and Lymphatics
  - 2.31.1 Arterial Aneurysms
  - 2.31.2 Lower Extremity Occlusive Disease
  - 2.31.3 Occlusive Cerebrovascular Disease
  - 2.31.4 Visceral Artery Insufficiency
  - 2.31.5 Renal Artery Stenosis
  - 2.31.6 Acute Limb Ischemia
  - 2.31.7 Raynaud's Disease/Phenomenon
  - 2.31.8 Thoracic Outlet Syndrome
  - 2.31.9 Varicose Veins
  - 2.31.10 Deep and Superficial Vein Thrombophlebitis
  - 2.31.11 Chronic Venous Insufficiency
  - 2.31.12 Lymphadenitis and Lymphangitis
  - 2.31.13 Shock/Hypotension
- 2.32 Alimentary Tract
  - 2.32.1 Dyspepsia
  - 2.32.2 Nausea and Vomiting
  - 2.32.3 Diarrhea and Constipation
  - 2.32.4 Gastrointestinal Bleeding
  - 2.32.5 Ascites
  - 2.32.6 Spontaneous Bacterial Peritonitis
  - 2.32.7 Heartburn
  - 2.32.8 Dysphagia
  - 2.32.9 Gastroesophageal Reflux Disease
  - 2.32.10 Infectious Esophagitis
  - 2.32.11 Pill-Induced Esophagitis
  - 2.32.12 Benign Esophageal Lesions
  - 2.32.13 Esophageal Cancer
  - 2.32.14 Esophageal Motility Disorders
  - 2.32.15 Gastritis, Gastroenteritis, and Gastropathy
  - 2.32.16 Peptic Ulcer Disease
  - 2.32.17 Zollinger-Ellison Syndrome
  - 2.32.18 Malignant Tumors of the Stomach
  - 2.32.19 Malabsorption
  - 2.32.20 Celiac Disease
  - 2.32.21 Whipple's Disease
  - 2.32.22 Bacterial Overgrowth
  - 2.32.23 Short Bowel Syndrome



- 2.32.24 Lactase Deficiency
- 2.32.25 Intestinal Motility Disorders
- 2.32.26 Small Intestine Tumors/Cancer – benign and malignant
- 2.32.27 Appendicitis
- 2.32.28 Irritable Bowel Syndrome
- 2.32.29 Antibiotic-Associated Colitis
- 2.32.30 Inflammatory Bowel Disease – Ulcerative Colitis and Crohn’s Disease
- 2.32.31 Diverticular Disease
- 2.32.32 Colorectal Tumors/Cancer – benign and malignant
- 2.32.33 Hemorrhoids
- 2.32.34 Anal Fissures/Fistulas/Abscess
- 2.33 Liver, Biliary Tract, and Pancreas
  - 2.33.1 Jaundice
  - 2.33.2 Viral Hepatitis
  - 2.33.3 Chronic Viral Hepatitis
  - 2.33.4 Alcoholic Liver Disease
  - 2.33.5 Nonalcoholic Fatty Liver Disease
  - 2.33.6 Cirrhosis
  - 2.33.7 Hemochromatosis
  - 2.33.8 Neoplasms of the Liver
  - 2.33.9 Cholelithiasis
  - 2.33.10 Acute Cholecystitis
  - 2.33.11 Choledocholithiasis
  - 2.33.12 Cholangitis
  - 2.33.13 Acute/Chronic Pancreatitis
  - 2.33.14 Pancreatic Cancer
- 2.34 Breast
  - 2.34.1 Fibrocystic Conditions
  - 2.34.2 Breast Cancer
- 2.35 Gynecology /Obstetrics and Pediatrics – mainly covered in PAS 862 (Women’s Health Clerkship) and PAS 661 (Pediatrics Clerkship) but you may be tested over topics of particular concern to primary care
- 2.36 Allergic and Immunologic
  - 2.36.1 Allergic Rhinitis (also found under ENT objectives)
  - 2.36.2 Anaphylaxis, Urticaria, and Angioedema
  - 2.36.3 Drug and Food Allergy
- 2.37 Kidney
  - 2.37.1 Proteinuria
  - 2.37.2 Hematuria
  - 2.37.3 Acute Renal Failure
  - 2.37.4 Glomerulonephritis
  - 2.37.5 Chronic Kidney Disease
  - 2.37.6 Renal Artery Stenosis
  - 2.37.7 Diabetic Nephropathy
  - 2.37.8 Renal Cell Carcinoma
- 2.38 Urology
  - 2.38.1 Voiding Disturbances – Voiding Symptoms and Incontinence
  - 2.38.2 Acute Cystitis
  - 2.38.3 Acute Pyelonephritis
  - 2.38.4 Acute Bacterial Prostatitis
  - 2.38.5 Chronic Bacterial Prostatitis
  - 2.38.6 Nonbacterial Prostatitis

- 2.38.7 Acute Epididymitis
- 2.38.8 Urinary Stone Disease
- 2.38.9 Urinary Incontinence
- 2.38.10 Interstitial Cystitis
- 2.38.11 Male Erectile Dysfunction and Sexual Dysfunction
- 2.38.12 Benign Prostatic Hyperplasia
- 2.38.13 Prostate Cancer
- 2.38.14 Bladder Cancer
  
- 2.38.15 Primary Tumors of the Testis
- 2.39 Psychiatric - mainly covered in PAS 871 (Psychiatry Clerkship) but you may be tested over topics of particular concern to primary care
- 2.40 Diabetes Mellitus and Hypoglycemia
- 2.41 Lipid Abnormalities
- 2.42 Nutrition
  - 2.42.1 Nutritional Requirements
  - 2.42.2 Assessment of Nutritional Status
  - 2.42.3 Obesity
  - 2.42.4 Disorders of Vitamin Metabolism
  - 2.42.5 Diet Therapy
  - 2.42.6 Nutritional Support
- 2.43 General Problems in Infectious Diseases
  - 2.43.1 Fever of Unknown Origin
  - 2.43.2 Infections of Central Nervous System
  - 2.43.3 Animal/Human Bite Wounds
  - 2.43.4 Sexually Transmitted Infections
  - 2.43.5 Infections of Drug Users
  - 2.43.6 Acute Infectious Diarrhea
  - 2.43.7 Infectious Disease in the Returning Traveler
  - 2.43.8 Traveler's Diarrhea
  - 2.43.9 Active Immunization Against Infectious Diseases
- 2.44 HIV Infection (you will not be responsible for section on treatment)
- 2.45 Viral and Rickettsial
  - 2.45.1 Human Herpes Viruses
  - 2.45.2 Measles
  - 2.45.3 Mumps
  - 2.45.4 Poliomyelitis
  - 2.45.5 Rubella
  - 2.45.6 Rabies
  - 2.45.7 Respiratory Syncytial Virus
  - 2.45.8 Influenza
  - 2.45.9 Avian Influenza
  - 2.45.10 Poxvirus Infections
  - 2.45.11 Rocky Mountain Spotted Fever
- 2.46 Bacterial and Chlamydial
  - 2.46.1 Streptococcal Infections
  - 2.46.2 Enterococcal Infections
  - 2.46.3 Pneumococcal Infections
  - 2.46.4 Staphylococcus Aureus Infections
  - 2.46.5 Clostridial Diseases
  - 2.46.6 Infective Endocarditis
  - 2.46.7 Bordetella Pertussis Infection
  - 2.46.8 Meningococcal Meningitis

- 2.46.9 Infections Caused by Haemophilus species
- 2.46.10 Infections Caused by Moraxella Catarrhalis
- 2.46.11 Gram-Negative Bacteremia and Sepsis
- 2.46.12 Salmonellosis
- 2.46.13 Shigellosis
- 2.46.14 Gastroenteritis Caused by Escherichia Coli
  
- 2.46.15 Gonococcal Infections
- 2.46.16 Chancroid
- 2.46.17 Anaerobic Infections
- 2.46.18 Infections Caused by Mycobacteria
- 2.46.19 Infections Caused by Chlamydiae
- 2.47 Spirochetal
  - 2.47.1 Syphilis
  - 2.47.2 Lyme Disease
- 2.48 Protozoal and Helminthic
  - 2.48.1 Giardiasis
  - 2.48.2 Enterobiasis
- 2.49 Mycotic
  - 2.49.1 Candidiasis
  - 2.49.2 Histoplasmosis
  - 2.49.3 Aspergillosis
- 2.50 Cancer
  - 2.50.1 Incidence and Etiology
  - 2.50.2 Prevention of Cancer
- 2.51 Complementary and Alternative Medicine
  - 2.51.1 Herbal Medicines (pages 1744-1747)
  - 2.51.2 St. John's Wort
  - 2.51.3 Garlic
  - 2.51.4 Ginkgo
  - 2.51.5 Echinacea
  - 2.51.6 Ginseng
  - 2.51.7 Saw Palmetto
  - 2.51.8 Ephedra
  - 2.51.9 Glucosamine and Chondroitin
  - 2.51.10
- 3.0 The physician assistant student shall demonstrate knowledge of the actions, indications, and contraindications of pharmacological agents commonly employed to treat the problems listed in the objectives in Section 2.0
- 4.0 The physician assistant student shall demonstrate competency at the level of a primary care physician assistant in performing the following clinical procedures/examinations:
  - 4.1 Pre-natal and Post-natal examinations
  - 4.2 Participation in uncomplicated vaginal deliveries
  - 4.3 Minor suturing and wound care
  - 4.4 Assisting in surgery at the primary-care level
  - 4.5 Applying and removing casts and splints
  - 4.6 Injections and immunizations
  - 4.7 Skin testing for allergies
  - 4.8 Performing audiometry
  - 4.9 Performing visual acuity examination
  - 4.10 Pediatric history and physical examination

- 4.11 Adult history and physical examination
- 4.12 Performing PAP smears, and routine gynecology STD tests
- 4.13 Performing Denver Development Assessments
- 4.14 Mental Status examinations
- 4.15 Collecting laboratory specimens
- 4.16 Composing discharge summaries and admission orders
- 4.17 Performing and interpreting EKGs
- 4.18 Performing gram stains, urinalysis, wet mounts and other routine office tests
- 4.19 Routine hospital charting procedures

5.0 The physician assistant student shall demonstrate knowledge and skill in counseling and providing education for patients and family members as related to age specific and disease specific conditions. Particular emphasis should be placed on the following:

- 5.1 Diabetes
- 5.2 Coronary Heart Disease
- 5.3 Hypertension
- 5.4 Obesity
- 5.5 Exercise and Diet
- 5.6 Risk Behaviors
- 5.7 Depression
- 5.8 Alcohol/drug abuse/smoking
- 5.9 Domestic Violence/Child Abuse
- 5.10 Cancer Prevention and routine screening

6.0 The physician assistant student shall demonstrate an understanding of office organization and business procedures, including:

- 6.1 Appointment systems
- 6.2 Record systems for business and patient data
- 6.3 Billings and collections, coding
- 6.4 Insurance forms (private, state and federal)
- 6.5 Interoffice personnel management
- 6.6 Telephone triage and patient advice
- 6.7 Post-Exposure prophylaxis protocol