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OFFICE OF THE  
SENATE COUNCIL**Course Information**

Date Submitted: 6/26/2014

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

Other Course:

Proposed Prefix and Number: PAS 660

What type of change is being proposed?

Major Change

Should this course be a UK Core Course? No

**1. General Information**

a. Submitted by the 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: Sharon Stewart

Email: srstew01@uky.edu

Phone: 218-0560

Responsible Faculty ID (if different from Contact)

Name: Bradford Schwarz

Email: bradford.schwarz@uky.edu

Phone: 218-0514

f. Requested Effective Date

Semester Following Approval: Yes OR Effective Semester:

**2. Designation and Description of Proposed Course**

a. Current Distance Learning (DL) Status: Already approved for DL\*

b. Full Title: FAMILY MEDICINE CLERKSHIP

Proposed Title: no change

c. Current Transcript Title: FAMILY MED CLERKSHIP

Proposed Transcript Title: no change

d. Current Cross-listing: none

Proposed – ADD Cross-listing :

Proposed – REMOVE Cross-listing:

e. Current Meeting Patterns

CLINICAL: 320

Proposed Meeting Patterns

CLINICAL: 160

f. Current Grading System: Graduate School Grade Scale

Proposed Grading System: *Letter (A, B, C, etc.)*

g. Current number of credit hours: 6

Proposed number of credit hours: 3

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

Proposed to be repeatable for additional credit? Yes

If Yes: Maximum number of credit hours: 6

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 a four-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. Students are required to repeat the course for a total of eight weeks and 6 credits.

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: no change

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:

Instructor Email:

Internet/Web-based: No

Interactive Video: No

Hybrid: No

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?

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.

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.

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?

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?

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

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

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/>)?

9. Will the course be delivered via services available through the Distance Learning Program (DLP) and the Academic Technology Group (ATL)? NO

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? NO

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

Instructor Name:

SIGNATURE|KOSKAF0|Karen O Skaff|PAS 660 CHANGE Dept Review|20140623

SIGNATURE|SRSTEW01|Sharon R Stewart|PAS 660 CHANGE College Review|20140626

SIGNATURE|ZNNIKO0|Roshan N Nikou|PAS 660 CHANGE Graduate Council Review|20141015

SIGNATURE|JEL224|Janie S Ellis|PAS 660 CHANGE Senate Council Review|20141016

SIGNATURE|PNASH|Phyllis J Nash|PAS 660 CHANGE Approval Returned to Dept|20141112

Courses Request Tracking

### Course Change Form

https://myuk.uky.edu/sap/bc/soap/fc?services=

Open in full window to print or save

Generate R

**Attachments:**

Upload File

Browse...

	ID	Attachment
Delete	3503	PAS 660.pdf
Delete	3514	PAS 660 3 credits FINAL.doc
Delete	3516	CHS Recommendation.pdf

First 1 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> (example: PHY 401G) PAS 660 <input type="checkbox"/> Check if same as current
* What type of change is being proposed?		<input checked="" type="checkbox"/> Major Change <input type="checkbox"/> Major - Add Distance Learning <input type="checkbox"/> Minor - change in number within the same hundred series, except 799 is the same "hundred series" <input type="checkbox"/> Minor - editorial change in course title or description which does change in content or emphasis <input type="checkbox"/> Minor - a change in prerequisite(s) which does not imply a change in course content or emphasis, or which is made necessary by the elimination or significant alteration of 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		
1. General Information		
a. Submitted by the College of: HEALTH SCIENCES		Submission Date: 6/26/2014
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? Select...		
e.* Contact Person Name: Sharon Stewart      Email: srstew01@uky.edu      Phone: 218-0560 * Responsible Faculty ID (if different from Contact): Bradford Schwarz      Email: bradford.schwarz@uky.edu      Phone: 218-0514		
f.* Requested Effective Date:		<input checked="" type="checkbox"/> Semester Following Approval    OR    Specific Term: 2
2. Designation and Description of Proposed Course.		
a. Current Distance Learning(DL) Status:		<input type="radio"/> N/A <input checked="" type="radio"/> Already approved for DL* <input 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 change will not affect DL delivery.		
b. Full Title: FAMILY MEDICINE CLERKSHIP		Proposed Title: * no change

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):		no change			
d. Current Cross-listing:	<input checked="" type="checkbox"/> N/A	OR	Currently <sup>3</sup> Cross-listed with (Prefix & Number):	none	
Proposed – ADD <sup>3</sup> Cross-listing (Prefix & Number):					
Proposed – REMOVE <sup>3,4</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>5</sup> for each meeting pattern					
Current:	Lecture	Laboratory <sup>5</sup>	Recitation	Discussion	Indep. Study
	Clinical 320	Colloquium	Practicum	Research	Residency
	Seminar	Studio	Other	Please explain:	
Proposed: *	Lecture	Laboratory <sup>5</sup>	Recitation	Discussion	Indep. Study
	Clinical 160	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) <input type="radio"/> Graduate School Grade Scale				
g. Current number of credit hours:	6	Proposed number of credit hours:*	3		
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 checked="" type="radio"/> Yes <input type="radio"/> No
If YES:	Maximum number of credit hours:	6			
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 a four-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. Students are required to repeat the course for a total of eight weeks and 6 credits.				
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:					

	no change		
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	
3.	Currently, is this course taught off campus?	<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:		
4.*	Are significant changes in content/student learning outcomes of the course being proposed?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
	If YES, explain and offer brief rationale:		
5.	Course Relationship to Program(s).		
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:		
6.	Information to be Placed on Syllabus.		
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 differentiation between under and graduate students by: (i) requiring additional assignments by the graduate students; and/or (ii) establishing different gra in the course for graduate students. (See SR 3.1.4.)	

<sup>1</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 "not minor," the form will be referred to the appropriate academic Council for normal processing and contact person is informed.*

<sup>2</sup>Courses are typically made effective for the semester following approval. No course will be made effective until all approvals are received.

<sup>3</sup>Signature of the chair of the cross-listing department is required on the Signature Routing Log.

<sup>4</sup>Removing a cross-listing does not drop the other course -- it merely unlinks the two courses.

<sup>5</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. Lab meeting generally requires at least two hrs per wk for a semester for 1 credit hour. (See SR 6.2.1.)

<sup>6</sup>You must also submit the Distance Learning Form in order for the course to be considered for DL delivery.

<sup>7</sup>In order to change a program, a program change form must also be submitted.

Submit as New Proposal    Save Current Changes



UNIVERSITY OF KENTUCKY

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Assistant Studies  
Department of Clinical Science  
College of Health Sciences  
900 S. Limestone Street  
Lexington, KY 40536-0200  
(859) 323-1100 Ext. 80495  
Fax: (859) 257-2454  
[www.mc.uky.edu/pa](http://www.mc.uky.edu/pa)

MEMORANDUM

TO: Dr. Phyllis Nash  
CHS Interim Associate Dean for Academic Affairs

FROM: Bradford Schwarz,  
Director, Physician Assistant Studies Division

DATE: June 13, 2014

TOPIC: Proposed major course change for PAS 660: Family Medicine Clerkship

The Division of Physician Assistant Studies is proposing a major course change for PAS 660: Family Medicine Clerkship. We propose to change the credit hours awarded from six credit hours, nonrepeatable, to three credit hours, repeatable, for a total of six credit hours. This change will not entail a program change. Students will continue to take a total of six credits of PAS 660, just as they have in past years.

The rationale for the change is two-fold:

**Evaluation:** PAS 660 is presently conducted much like two 3-credit hour clerkships. That is, students are assigned to a 4-week clerkship in which they spend a minimum of 160 hours on-site, engage in a mid-term evaluation with the preceptor at mid-term, complete selected assignments, receive a final evaluation by the preceptor and take an exam at the end of the 4 weeks. They are then assigned a second 4-week clerkship which follows the same format as the preceding one. Their performance is averaged over the two 4-week assignments to determine the final grade for the 6-credit hour course. This is the grade that appears on the transcript. Dividing the course into two 3-credit courses will allow greater specificity in evaluation which will be helpful to students, the program, and future employers. Since students will be assigned a grade after the first 3-credit course instead of after the completion of all 6 credits, both students and the PAS program will be able to monitor student progress more effectively. In addition, having grades for each 3-credit clerkship will be more discrete and informative; it will mitigate concerns about the information lost in the present practice of grade averaging across the two placements. Grades for each placement will better demonstrate the consistency or lack of consistency in performance across sites.

**Consistency and Scheduling:** All PAS students take the same 11 clinical clerkships. Nine of the clerkships are for 3 credits; two are for 6 credits (PAS 669: Internal Medicine Clerkship and PAS 660: Family Medicine Clerkship). The reason for the two 6-credit clerkships is that the content and experiences in those clerkships are foundational to the remaining clerkships. Having all clerkships scheduled for 3 credits, 4-weeks each, is a more accurate representation of how the clerkships are conducted and will make scheduling less cumbersome. Making PAS 669 and PAS 660 repeatable preserves the opportunity for more experience in these clerkship environments. (NOTE: We concurrently are requesting a similar change in PAS 669: Internal Medicine Clerkship.)

I would be happy to provide you any additional information that would be helpful to you. Please feel free to contact me at 218-0514 or [bradford.shwarz@uky.edu](mailto:bradford.shwarz@uky.edu).



**PAS 660**  
**FAMILY MEDICINE CLERKSHIP**  
**3 credits (repeated for a total of 6 credits)**

**Division of Physician Assistant Studies**  
**Department of Clinical Sciences**  
**College of Health Sciences**  
**University of Kentucky**

**Course Director**

TBD  
Charles T. Wethington Bldg. Rm. 205  
900 South Limestone Street  
Lexington, Kentucky 40536  
Phone : TBD  
Email : TBD

**Office Hours**

By appointment only. Email is the best source of communication and setting up appointments. Email subject line should include "Family Medicine Clerkship: Topic".

**Course Description**

This is a four-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. Students are required to repeat the course for a total of eight weeks and 6 credits.

**Prerequisite**

Enrollment in the Physician Assistant program and successful completion of the didactic portion of the curriculum.

**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

Acceptable sources: JNC 7 for HTN guidelines, CDC

<b>Evaluation and Grading</b>	<b>Percentage</b>	<b>Points</b>	<b>Due</b>
Exams (2 at 20% each)	40%	400 Points	EOC
Community Experience Write-up	10%	100 Points	Wednesday prior to EOC
Patient Profile	10%	100 Points	Wednesday prior to EOC
Preceptor Evaluation	40%	400 Points	EOC
Typhon Patient Log	Pass/Fail		EOC
<b>Total</b>	<b>100%</b>	<b>1,000 Total Points</b>	

### **Course Exam (40% - 400 Points)**

This course has two exams (each are 20% of grade): one for the first 4 weeks and one for the second 4 weeks. Each rotation cohort may have an increase in the cohort's grade of the exam based on questions that the cohort missed. Each exam is 60 questions from Exam Master and will cover the objectives and topics, see below.

- Exam 1 – administered at the completion of the first 4- week FM course
- Exam 2 – administered at the completion of the second 4-week FM course. Up to **20%** of exam 2 material will be comprehensive material tested on 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.

The student must pass the Typhon Patient Log component to pass the rotation. Clinical patient logs and clinical hour's 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

### **Community Experience Component (10% - 100 points)**

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 one day with a healthcare professional represented from the list below. One of the two days (you will take the course twice; each time you take the course, you will spend a day for a total of 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 rotation, 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 the community component:

- 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 Typhon 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 rotation)
- 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 (10% - 100 points)**

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

**Preceptor Evaluation (40% - 400 points)** Each student will submit two evaluations (each are 20% of the overall grade): one for the first 4 weeks and one for the second 4 weeks. Each rotation you will complete a mid- evaluation form with your preceptor to get feedback regarding your progress. Review the evaluation form prior to your clerkship to assure that you understand the expectations.

### **Student Professionalism and Academic Integrity**

The UKPAS division, in accordance with the American Academy of Physician Assistants, believes that professionalism is a core competency for both practicing PAs and PA students. In addition to satisfying the didactic criteria as specified, you must pass a professionalism component in order to successfully pass this course. The course director with the assistance of the preceptor will evaluate your professionalism on a pass/fail basis. Criteria to be evaluated in the professionalism component will include, but will not be limited to: honesty, attendance and punctuality, behavior and preparedness in the clinical setting, respect and appropriate interaction with your preceptor, medical staff, and the university faculty and staff, overall attitude and handling of complaints and disputes through established University Policies and Procedures.

It is a University policy to respect the dignity of all individuals, and to value differences among all members of the academic community. Statements denigrating others on the basis of sex, race, religion, sexual orientation, age, national/regional orientation, or other irrelevant factors will not be permitted. The minimum penalty for plagiarism or cheating will be an E for the course, with suspension and dismissal also as possibilities. The definition of plagiarism is listed in University Senate Rule 6.3.1 <http://www.uky.edu/StudentAffairs/Code/Section%20V.pdf>

Students are expected to be familiar with the above standards/ recommendations. If a student has a question regarding any of the above, they are to contact the primary course instructor. A more detailed discussion of plagiarism is available at <http://www.uky.edu/Ombud/Plagiarism.pdf>.

## **Academic Accommodations**

If you have a documented disability that requires academic accommodations, please contact me as soon as possible. In order to receive accommodations in this course, you must provide me with a "Letter of Accommodation" from the Disability Resource Center. See this website for information regarding campus disability services available to students with disabilities:

<http://www.uky.edu/StudentAffairs/DisabilityResourceCenter/index.html#>

## **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 rotation as well as signed Typhon case logs. Completed preceptor evaluations should be brought in on call back day and placed in the red folder after taking the exam.

## **Make up Exams**

Make-up exams will be given only for excused absences. Standard University policies contained in the Student Rights and Responsibilities Handbook will be followed. (See paragraph below)

## **Attendance**

No unexcused absences are allowed. Excused absences will be allowed per UK policy 5.2.4.2 <http://www.uky.edu/StudentAffairs/Code/Section%20V.pdf> and requested per the clinical clerkship manual, see Attendance section in Clerkship Manual.

The PA student is to follow the preceptor's schedule. Should the preceptor be off work, the student may be assigned to another preceptor within the practice.

PA students are to have at least on average one day out of every seven days free from clinical duties.

## **Dress Code**

Professional dress is required at all times during your clerkship. In general, this would include dress shirt and tie for males, or equivalent professional clothing for females. You should wear your white coat with appropriate ID badge(s) visible. No jeans, No T-shirts, No shorts, No flip-flops/sandals or open toed shoes, no revealing tops or skirts. Your preceptor may modify this policy if scrubs or other protective clothing is required, or if local standards allow for more casual dress, within reasonable bounds of professionalism. As your default, however, remember that you are representing your profession and the University of Kentucky and tend toward more formal dress, regardless of what others may be doing.

## **Technology Requirements**

This course does require you have the following: access to Exam Master and a current password; a current Blackboard (BB) account, a uky.edu email account and a current working cell phone.

## **Technology for Distance Learning Course**

Professor Valentin's *virtual* office hours are Monday & Friday 8am – noon with email as the preferred method of communication.

Maximum timeframe for responding to student communications will be 48 hours unless instructor is out and alternative contact will be provided.

Students will have 1 days of class meetings on campus every month. Those will be listed in the student clerkship manual.

The technological requirements for the course are located at:

<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).

For technical issues, call 859-218-HELP, if not resolved, then contact instructor via email.

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 a Letter of Accommodation which details the recommended accommodations. Contact the Disability Resource Center Director, Jake Karnes, at 859-257-2754 or [jkarnes@email.uky.edu](mailto:jkarnes@email.uky.edu).

Information on Distance Learning Library Services (<http://www.uky.edu/Libraries/DLLS>)

Carla Cantagallo, DL Librarian. Can be reached via phone: 859 257-0500, ext. 2171; long-distance phone number: (800) 828-0439 (option #6). Email: [dllservice@email.uky.edu](mailto:dllservice@email.uky.edu)

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### **Daily Reading**

Due to the amount of material and contact hours required over the next 4 weeks, it is imperative that you consistently read throughout all your rotations. There are many excellent references for family medicine (see required and recommended text) and it is the expectation that you read/study on average 2 hours each day to prepare for your clerkship and the PANCE.

### **Recommendations**

- ✓ You only get one chance to make a first impression! Contact your preceptor before your rotation. If you are unable to go by, then contact the office and remind him/her that you are coming for 4 weeks and looking forward to the experience.
- ✓ Be prepared. Ask your preceptor for commonly seen diagnoses/surgeries in their practice and read up on these. Always have your name tag, stethoscope and other needed supplies.
- ✓ Always be respectful and interested in your preceptor's patients and specialty.
- ✓ Do not be late.
- ✓ At the end of the rotation personally thank all those who helped you in your education (including office staff, billing personnel, nursing etc.).
- ✓ I look forward to assisting each of you during this rotation; please contact me with concerns or questions throughout your clerkship.

### **Competencies**

This course will fulfill Competencies for the Physician Assistant Profession of: Medical Knowledge (MK), Interpersonal and Communications Skills (IC), Patient Care (PC), Professionalism (P) and Practice-based learning (PB). The subset of each competency fulfilled will be indicated by listing it next to the assignment and objective. This course will fulfill the following *Standards* of ARC-PA: Clinical Preparatory Instruction B2.03, B2.04, B2.05, B2.07, B2.09, B2.10, B2.15 and is indicated specifically in the syllabus. Supervised Clinical practice B3.02, B3.03, B3.04, B3.05, B3.06 and B3.07 are fulfilled during the entire surgical clerkship.

### **Course Goals**

1. The PA student will provide appropriate medical care in the outpatient setting of Family medicine.

2. The PA student will be proficient in the diagnosis and management of medical adult and pediatric patients.
3. The PA student will be able to work and communicate with an interdisciplinary team to provide excellent patient care.
4. The PA student will be able to provide efficient, effective, and safe patient centered care.
5. The PA student will be able to display professionalism while working with the medical team and patient.

### **Course Objectives**

1. Demonstrate the ability to elicit the patient's chief complaint as well as a complete list of the patient's concerns. *MK, IC, PC, P, B2.04, B2.05*
2. Demonstrate the ability to take an appropriate history and perform a physical examination. *IC, PC, B2.04, B2.05, B2.07*
3. Order basic laboratory and radiologic studies as appropriate and interpret the results of these studies. *MK, PC, PB, B2.05, B2.10*
4. Demonstrate the ability to write and dictate a history and physical note, order needed diagnostic tests and formulate the assessment and plan for common medial conditions (See internal medicine topics). *MK, IC, PC, B2.03, B2.04, B2.05, B2.10, B2.15*
5. Translate the history and physical findings into a succinct oral presentation to the physician. *IC, B2.04*
6. Demonstrate medical knowledge to diagnose and manage adult medical patients with common medical conditions (See internal medicine topics). *MK, PC, B2.03, B2.05, B2.10*
7. Demonstrate respect, compassion and integrity in all patient interactions. *P, B2.09*
8. Interpret current medical literature and apply this information to a patient's medical plan while considering such factors as, pretest probability, performance characteristics of tests (sensitivity, specificity, and likelihood ratios), cost, risks and patient preferences. *MK, IC, PC, P, PB, B2.10.*

### **Family Medicine Topics**

The following is a list of the more common conditions encountered in the primary care setting. Students are expected to know, understand and retain knowledge about the topics listed below.

- 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
  - 2.02 Symptoms of Ocular Disease (e.g., Redness, Ocular Discomfort, Conjunctival Discharge, Vision Loss, etc...)
  - 2.03 Eye Disorders
  - 2.04 Blepharitis
  - 2.05 Blowout fracture/ocular trauma
  - 2.06 Cataract
  - 2.07 Chalazion
  - 2.08 Conjunctivitis
  - 2.09 Corneal abrasion
  - 2.10 Corneal ulcer
  - 2.11 Dacryoadenitis
  - 2.12 Ectropion
  - 2.13 Entropion
  - 2.14 Foreign body
  - 2.15 Glaucoma
  - 2.16 Hordeolum
  - 2.17 Hyphema
  - 2.18 Macular degeneration
  - 2.19 Nystagmus
  - 2.20 Optic neuritis
  - 2.21 Orbital cellulitis
  - 2.22 Papilledema
  - 2.23 Pterygium
  - 2.24 Retinal detachment
  - 2.25 Retinal vascular occlusion
  - 2.26 Retinopathy, diabetic and hypertensive
  - 2.27 Strabismus
  - 2.28 **Ear, Nose, and Throat**
    - 2.28.1 Hearing Loss
    - 2.28.2 Cerumen Impaction
    - 2.28.3 Foreign Bodies
    - 2.28.4 External Otitis
    - 2.28.5 Dysfunction of Eustachian tube
    - 2.28.6 Serous Otitis Media
    - 2.28.7 Acute /Chronic Otitis Media
    - 2.28.8 Complications of Otitis Media
    - 2.28.9 Tinnitus
    - 2.28.10 Vertigo
    - 2.28.11 Acoustic neuroma



- 2.28.12 Barotrauma
- 2.28.13 Cholesteatoma
- 2.28.14 Mastoiditis
- 2.28.15 Meniere disease
- Nose/Sinus Disorders**
- 2.28.16 Viral Rhinitis
- 2.28.17 Acute /Chronic Sinusitis
- 2.28.18 Allergic Rhinitis
- 2.28.19 Epistaxis
- 2.28.20 Nasal Polyps
- Mouth/Throat Disorders**
- 2.28.21 Oral Cancer, Leukoplakia, and Erythroplakia
- 2.28.22 Acute pharyngitis
- 2.28.23 Aphthous ulcers
- 2.28.24 Diseases of the teeth/gums
- 2.28.25 Epiglottitis
- 2.28.26 Laryngitis
- 2.28.27 Oral candidiasis
- 2.28.28 Oral herpes simplex
- 2.28.29 Oral leukoplakia
- 2.28.30 Peritonsillar abscess
- 2.28.31 Parotitis
- 2.28.32 Sialadenitis
- 2.28.33 Benign and malignant neoplasms
- 2.29 Lung
  - 2.29.1 Dyspnea
  - 2.29.2 Cough
  - 2.29.3 Hemoptysis
  - 2.29.4 Asthma
  - 2.29.5 Chronic Obstructive Pulmonary Disease
  - 2.29.6 Pneumonia
- 2.30 Heart
  - 2.30.1 Chest Pain/Dyspnea
  - 2.30.2 Coronary Heart Disease
  - 2.30.3 Angina Pectoris
  - 2.30.4 Acute Coronary Syndrome
  - 2.30.5 Acute Myocardial Infarction
  - 2.30.6 Heart Failure
- 2.31 Systemic Hypertension
- 2.32 Blood Vessels and Lymphatics
  - 2.32.1 Arterial Aneurysms
  - 2.32.2 Lower Extremity Occlusive Disease
  - 2.32.3 Occlusive Cerebrovascular Disease
  - 2.32.4 Visceral Artery Insufficiency
  - 2.32.5 Renal Artery Stenosis
  - 2.32.6 Acute Limb Ischemia
  - 2.32.7 Raynaud's Disease/Phenomenon
  - 2.32.8 Thoracic Outlet Syndrome
  - 2.32.9 Varicose Veins
  - 2.32.10 Deep and Superficial Vein Thrombophlebitis

- 2.32.11 Chronic Venous Insufficiency
- 2.32.12 Lymphadenitis and Lymphangitis
- 2.32.13 Shock/Hypotension
- 2.33 Alimentary Tract
  - 2.33.1 Dyspepsia
  - 2.33.2 Nausea and Vomiting
  - 2.33.3 Diarrhea and Constipation
  - 2.33.4 Gastrointestinal Bleeding
  - 2.33.5 Ascites
  - 2.33.6 Spontaneous Bacterial Peritonitis
  - 2.33.7 Heartburn
  - 2.33.8 Dysphagia
  - 2.33.9 Gastroesophageal Reflux Disease
  - 2.33.10 Infectious Esophagitis
  - 2.33.11 Pill-Induced Esophagitis
  - 2.33.12 Benign Esophageal Lesions
  - 2.33.13 Esophageal Cancer
  - 2.33.14 Esophageal Motility Disorders
  - 2.33.15 Gastritis, Gastroenteritis, and Gastropathy
  - 2.33.16 Peptic Ulcer Disease
  - 2.33.17 Zollinger-Ellison Syndrome
  - 2.33.18 Malignant Tumors of the Stomach
  - 2.33.19 Malabsorption
  - 2.33.20 Celiac Disease
  - 2.33.21 Whipple's Disease
  - 2.33.22 Bacterial Overgrowth
  - 2.33.23 Short Bowel Syndrome
  - 2.33.24 Lactase Deficiency
  - 2.33.25 Intestinal Motility Disorders
  - 2.33.26 Small Intestine Tumors/Cancer – benign and malignant
  - 2.33.27 Appendicitis
  - 2.33.28 Irritable Bowel Syndrome
  - 2.33.29 Antibiotic-Associated Colitis
  - 2.33.30 Inflammatory Bowel Disease – Ulcerative Colitis and Crohn's Disease
  - 2.33.31 Diverticular Disease
  - 2.33.32 Colorectal Tumors/Cancer – benign and malignant
  - 2.33.33 Hemorrhoids
  - 2.33.34 Anal Fissures/Fistulas/Abscess
- 2.34 Liver, Biliary Tract, and Pancreas
  - 2.34.1 Jaundice
  - 2.34.2 Viral Hepatitis
  - 2.34.3 Chronic Viral Hepatitis
  - 2.34.4 Alcoholic Liver Disease
  - 2.34.5 Nonalcoholic Fatty Liver Disease
  - 2.34.6 Cirrhosis
  - 2.34.7 Hemochromatosis
  - 2.34.8 Neoplasms of the Liver
  - 2.34.9 Cholelithiasis
  - 2.34.10 Acute Cholecystitis
  - 2.34.11 Choledocholithiasis

- 2.34.12 Cholangitis
- 2.34.13 Acute/Chronic Pancreatitis
- 2.34.14 Pancreatic Cancer
- 2.35 Breast
  - 2.35.1 Fibrocystic Conditions
  - 2.35.2 Breast Cancer
- 2.36 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
- 2.37 Allergic and Immunologic
  - 2.37.1 Allergic Rhinitis (also found under ENT objectives)
  - 2.37.2 Anaphylaxis, Urticaria, and Angioedema
  - 2.37.3 Drug and Food Allergy
- 2.38 Kidney
  - 2.38.1 Proteinuria
  - 2.38.2 Hematuria
  - 2.38.3 Acute Renal Failure
  - 2.38.4 Glomerulonephritis
  - 2.38.5 Chronic Kidney Disease
  - 2.38.6 Renal Artery Stenosis
  - 2.38.7 Diabetic Nephropathy
  - 2.38.8 Renal Cell Carcinoma
- 2.39 Urology
  - 2.39.1 Voiding Disturbances – Voiding Symptoms and Incontinence
  - 2.39.2 Acute Cystitis
  - 2.39.3 Acute Pyelonephritis
  - 2.39.4 Acute Bacterial Prostatitis
  - 2.39.5 Chronic Bacterial Prostatitis
  - 2.39.6 Nonbacterial Prostatitis
  - 2.39.7 Acute Epididymitis
  - 2.39.8 Urinary Stone Disease
  - 2.39.9 Urinary Incontinence
  - 2.39.10 Interstitial Cystitis
  - 2.39.11 Male Erectile Dysfunction and Sexual Dysfunction
  - 2.39.12 Benign Prostatic Hyperplasia
  - 2.39.13 Prostate Cancer
  - 2.39.14 Bladder Cancer
  - 2.39.15 Primary Tumors of the Testis
- 2.40 Psychiatric - mainly covered in PAS 871 (Psychiatry Clerkship) but you may be tested over topics of particular concern to primary care
- 2.41 Diabetes Mellitus and Hypoglycemia
- 2.42 Lipid Abnormalities
- 2.43 Nutrition
  - 2.43.1 Nutritional Requirements
  - 2.43.2 Assessment of Nutritional Status
  - 2.43.3 Obesity
  - 2.43.4 Disorders of Vitamin Metabolism
  - 2.43.5 Diet Therapy
  - 2.43.6 Nutritional Support
- 2.44 General Problems in Infectious Diseases

- 2.44.1 Fever of Unknown Origin
- 2.44.2 Infections of Central Nervous System
- 2.44.3 Animal/Human Bite Wounds
- 2.44.4 Sexually Transmitted Infections
- 2.44.5 Infections of Drug Users
- 2.44.6 Acute Infectious Diarrhea
- 2.44.7 Infectious Disease in the Returning Traveler
- 2.44.8 Traveler's Diarrhea
- 2.44.9 Active Immunization Against Infectious Diseases
- 2.45 HIV Infection (you will not be responsible for section on treatment)
- 2.46 Viral and Rickettsial
  - 2.46.1 Human Herpes Viruses
  - 2.46.2 Measles
  - 2.46.3 Mumps
  - 2.46.4 Poliomyelitis
  - 2.46.5 Rubella
  - 2.46.6 Rabies
  - 2.46.7 Respiratory Syncytial Virus
  - 2.46.8 Influenza
  - 2.46.9 Avian Influenza
  - 2.46.10 Poxvirus Infections
  - 2.46.11 Rocky Mountain Spotted Fever
- 2.47 Bacterial and Chlamydial
  - 2.47.1 Streptococcal Infections
  - 2.47.2 Enterococcal Infections
  - 2.47.3 Pneumococcal Infections
  - 2.47.4 Staphylococcus Aureus Infections
  - 2.47.5 Clostridial Diseases
  - 2.47.6 Infective Endocarditis
  - 2.47.7 Bordetella Pertussis Infection
  - 2.47.8 Meningococcal Meningitis
  - 2.47.9 Infections Caused by Haemophilus species
  - 2.47.10 Infections Caused by Moraxella Catarrhalis
  - 2.47.11 Gram-Negative Bacteremia and Sepsis
  - 2.47.12 Salmonellosis
  - 2.47.13 Shigellosis
  - 2.47.14 Gastroenteritis Caused by Escherichia Coli
  - 2.47.15 Gonococcal Infections
  - 2.47.16 Chancroid
  - 2.47.17 Anaerobic Infections
  - 2.47.18 Infections Caused by Mycobacteria
  - 2.47.19 Infections Caused by Chlamydiae
- 2.48 Spirochetal
  - 2.48.1 Syphilis
  - 2.48.2 Lyme Disease
- 2.49 Protozoal and Helminthic
  - 2.49.1 Giardiasis
  - 2.49.2 Enterobiasis
- 2.50 Mycotic
  - 2.50.1 Candidiasis

- 2.50.2 Histoplasmosis
- 2.50.3 Aspergillosis
- 2.51 Cancer
  - 2.51.1 Incidence and Etiology
  - 2.51.2 Prevention of Cancer
- 2.52 Complementary and Alternative Medicine
  - 2.52.1 Herbal Medicines (pages 1744-1747)
  - 2.52.2 St. John's Wort
  - 2.52.3 Garlic
  - 2.52.4 Ginkgo
  - 2.52.5 Echinacea
  - 2.52.6 Ginseng
  - 2.52.7 Saw Palmetto
  - 2.52.8 Ephedra
  - 2.52.9 Glucosamine and Chondroitin
  
- 3.0 The physician assistant student shall demonstrate a 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

# MEMO

June 25, 2014

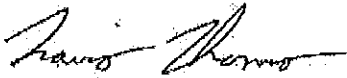
**TO:** Sharon R. Stewart, Ed.D., Interim Dean and Professor  
**FROM:** Travis Thomas – Chair Academic Affairs  
**RE:** AA approval of PAS 660 and PAS 669

6-26-14  
approved  
Sharon Stewart,  
Interim Dean

Dear Dr. Stewart,

The Academic Affairs (AA) Committee has thoroughly reviewed your responses to reviewer inquiries and the Committee recommends approval of the course change proposals for PAS 660 and 669. Please remember to use the revised syllabus submitted to the AA committee on June 25<sup>th</sup>, 2014. Thanks for the opportunity to review this proposal. Please let me know if I can help clarify anything regarding this approval.

Sincerely,



Travis Thomas, PhD, RD, CSSD, *Chair – CHS Academic Affairs Committee (2013-14)*