

Request for Graduate Course Addition

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: School of Medicine

Dept/Division: PA Program

Alpha Designator/Number: PAS 658

☒ Graded ☐ CR/NC

Contact Person: Ginger Boles, MS PA-C

Phone: 304-629-1341

NEW COURSE DATA:

New Course Title: Emergency Medicine

Alpha Designator/Number:

P A S 6 5 8

Title Abbreviation:

E m e r g e n c y M e d i c i n e

(Limit of 25 characters and spaces)

PA Emergency Medicine

LH 10/11/19

Course Catalog Description:
(Limit of 30 words)

This rotation provides clinical instruction in emergency medicine.

Co-requisite(s): PAS 650,651,652,653,654,655

First Term to be Offered: Summer 2022

Prerequisite(s): completion 4th Semester

Credit Hours: Four

Course(s) being deleted in place of this addition (must submit course deletion form): n/a

This course
was approved
with the title
change

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head

Date

Registrar

Date

College Curriculum Chair

Date

Graduate Council Chair

Date

Request for Graduate Course Addition - Page 2

College: School of Medicine

Department/Division: PA Program

Alpha Designator/Number: PAS 658

Provide complete information regarding the new course addition for each topic listed below. Before routing this form, a complete syllabus also must be attached addressing the items listed on the first page of this form.

1. FACULTY: Identify by name the faculty in your department/division who may teach this course.

Course will be taught by Faculty in the PA program and/ or School of Medicine

2. DUPLICATION: If a question of possible duplication occurs, attach a copy of the correspondence sent to the appropriate department(s) describing the proposal. Enter "**Not Applicable**" if not applicable.

n/a

course duplication was addressed in Addition of Degree Application

3. REQUIRED COURSE: If this course will be required by another department(s), identify it/them by name. Enter "**Not Applicable**" if not applicable.

n/a

4. AGREEMENTS: If there are any agreements required to provide clinical experiences, attach the details and the signed agreement. Enter "**Not Applicable**" if not applicable.

see attached

5. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials to teach this course, attach an estimate of the time and money required to secure these items. (Note: Approval of this form does not imply approval for additional resources.) Enter "**Not Applicable**" if not applicable.

Course will be taught by PA faculty in the PA program and/or School of Medicine

6. COURSE OBJECTIVES: (May be submitted as a separate document)

see attached

Request for Graduate Course Addition - Page 3

7. COURSE OUTLINE (May be submitted as a separate document)

See attached

8. SAMPLE TEXT(S) WITH AUTHOR(S) AND PUBLICATION DATES (May be submitted as a separate document)

see attached

9. EXAMPLE OF INSTRUCTIONAL METHODS (Lecture, lab, internship)

see attached

Request for Graduate Course Addition - Page 4

10. EXAMPLE EVALUATION METHODS (CHAPTER, MIDTERM, FINAL, PROJECTS, ETC.)

see attached

11. ADDITIONAL GRADUATE REQUIREMENTS IF LISTED AS AN UNDERGRADUATE/GRADUATE COURSE

n/a

12. PROVIDE COMPLETE BIBLIOGRAPHY (May be submitted as a separate document)

See attached

Request for Graduate Course Addition - Page 5

Please insert in the text box below your course summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings):

Department:

Course Number and Title:

Catalog Description:

Prerequisites:

First Term Offered:

Credit Hours:

title change

Department: PA program

Course Number and Title: PAS 658 Emergency Medicine

Catalog Description: This rotation provides clinical instruction in emergency medicine

First Term Offered: Summer 2022

Credit Hours: Four



PHYSICIAN ASSISTANT PROGRAM

MUPA Program Emergency Medicine – PAS 658 Course Syllabus

Course Description

This rotation provides clinical instruction in emergency medicine.

Credits

Four (4) credit hours

Prerequisites

Successful completion of the fourth semester of the Marshall University Physician Assistant program.

Course Goals

- Develop skills to recognize the clinical manifestations of the most commonly encountered emergency medicine conditions.
- Refine skills in therapeutic management of these conditions.
- Build critical thinking skills and be able to make increasingly difficult medical decision under high levels of pressure.
- Improve upon and demonstrate competency in interpersonal and communication skills achieving effective patient education and counseling.
- Continue to grow in professionalism, and as a member of an interprofessional patient-centered practice team.
- Expand practice based learning and improvement techniques including documentation and coding skills.

Term/Year

Clinical Year 2022-2023

Class Meeting Days/Times

TBA

Location

TBA

Academic Calendar

For beginning, ending, and add/drop dates, see the [Marshall University Academic Calendar](http://www.marshall.edu/academic-calendar/) (URL: <http://www.marshall.edu/academic-calendar/>).

Course Director

Kenneth Dean Wright, MS, PA-C

Office: Erma Ora Byrd Center, Suite

Office Hours: 8 am to 12 pm M-F

Office Phone: (304) 691-6966

Marshall Email: wrightk@marshall.edu

Course Instructors

TBA

Required Texts and Materials

Crees, Z., Fritz, C., Heudebert, A., Noe, J., Rengarajan, A., & Wang, X. (Eds.). (2020). *The Washington manual of medical therapeutics, 36th ed.* Philadelphia, PA: Wolters Kluwer.

Recommended/Optional Texts and Materials

Stone, K.S., & Humphries, R.L. (Eds.). (2017). *Current diagnosis & treatment: Emergency medicine, 8th ed.* New York, NY: McGraw-Hill.

*The Marshall University PA program has an online database of textbooks available to the students. The website for the online database is <http://accessmedicine.mhmedical.com>. Most textbooks used throughout the program can be found on the Access Medicine website.

Required Equipment

- Stethoscope
- White coat
- Name badge

Attire

Per the Marshall University Physician Assistant program policy.

Attendance/Participation Policy

Attendance is vital to understanding course content. It is mandatory for all lectures/clinical labs, and is a reflection of your commitment, dedication, and work ethic. Requests for excused absences must be submitted to the course director via email as soon as the circumstance arises. Failure to attend may affect your grade or require discussion with the course director.

Course Requirements

- Students are expected to attend and be on time for all scheduled lectures and learning activities.
- Students are expected to participate in all activities.
- Students are expected to be prepared for each lecture/learning activity by reading all assignment prior to the scheduled lecture/activity.
- Students are expected to clean up work area prior to leaving the classroom, laboratory, or clinical setting.
- Completion of course & faculty evaluations. (See policy statement at the end of this syllabus.)

Methodologies of Teaching and Student Assessment

Student attainment of expected learning outcomes is developed through experiential patient care exposure under the supervision of a clinical preceptor and through self-directed learning by students. Formative assessment of progress toward attaining the course learning outcomes, learning objectives and required patient encounters/exposures is conducted mid-rotation. Summative evaluation of course learning outcomes, learning objectives and assurance of attainment of patient encounters/exposures is conducted upon conclusion of the course via the following components.

The final grade will be determined by earned points/total points.

Component	% of Final Grade
Preceptor Evaluation	40%
End of Rotation Exam	30%
Patient Logs	15%
Assignment/s	10%
Professionalism Points	5%

Per the MUPA program policy, the following grading scale applies:

- A – 89.5 - 100%
- B – 79.5 - 89.4%
- C – 69.5 - 79.4%
- F – < 69.4 %

End of Rotation Exam Grade Conversion

The Emergency Medicine assessment utilizes the PAEA End of Rotation exam and this test is specific to the Emergency Medicine rotation. For more information about the exam composition please see the Emergency Medicine blueprint available at: <https://paeaonline.org/assessment/end-of-rotation/content/>. The site also includes a sample exam to further familiarize yourself with test expectations.

For grading purposes within the Emergency Medicine rotation, the PAEA exam score will be converted using a student Z-score.

1. *Calculating The Z-Score*
 - a. The following formula establishes the student Z-score for a particular test:
 - b. $Z\text{-Score} = (\text{Student EOR Score} - \text{National average for that exam}) / \text{Exam SD}$
 - c. Example: $Z\text{-score} = (87.9 - 75.9) / 8 = +1.5$
 - i. In the above example 87.9 is the student's EOR score; 75.9 is the national average on the same exam; and the exam standard deviation is 8.
2. *Using the Z-Score to Convert the End Of Rotation Test Grade*
 - a. Since the program assigns 70% as the lowest grade eligible to earn a "C" on a test, the following formula was used to establish a grade via a student Z-score.
 - b. $\text{Converted EOR Test Grade} = [85 + (z\text{-score} \times 10)]\%$ with a maximum allowed grade of 100%.

- c. For our example above the student would have a Converted EOR Test Grade = $[85 + (1.5 \times 10)] = 100$.

Z-Score	Adjusted Grade	Letter Grade
+0.5 +	90% to 100%	A
-0.5 to +0.49	80% to 89.9%	B
-1.5 to -0.51	70% to 79.9%	C
-2.5 to -1.51	60% to 69.9%	D
< -2.5	<60%	F

Student Learning Outcomes, Competencies, and Instructional Objectives

Student Learning Outcomes Upon successful completion of this clinical rotation, PA students will be able to:	ARC-PA Standards/ Competencies	Instructional Objectives Upon successful completion of this clinical, PA students will be able to:
Apply previously attained knowledge and apply that knowledge in the clinical setting, demonstrating breadth and depth of acquired competencies in medical knowledge and patient care necessary for the successful transition to PA practice.	(PC)(MK) B1.01, B1.02, B1.03, B1.04 B2.03, B2.05, B2.06, B2.09, B2.08	<ul style="list-style-type: none"> Obtain appropriate history and physical exam for each patient encounter. Select and interpret diagnostic tests to devise differential and working diagnosis. Formulate and advise plan for treatment including patient education and pharmaceutical therapeutics. Apply current practice guidelines to patient-specific medical screenings. Perform screenings to identify normal and abnormal pediatric development. Implement vaccination schedule as recommended by the CDC.
Identify personal areas of growth in clinical knowledge, through self- assessment following patient encounters.	(MK), (PC) B2.10	<ul style="list-style-type: none"> Formulate appropriate clinical questions. Perform thorough research of medical literature concerning clinical questions. Apply appropriate medical knowledge from the literature to care of patients.
Demonstrate competency in interpersonal and communication skills with professionalism to provide patient-centered care.	(P), (PC),(ICS) B1.05, B2.04, B1.07	<ul style="list-style-type: none"> Create and sustain therapeutic and ethically sound relationships with patients, their family and inter-professional team. Receive satisfactory evaluations from preceptors in all areas of professionalism.

Student Learning Outcomes	ARC-PA Standards/ Competencies	Student Learning Outcomes
Upon successful completion of this clinical rotation, PA students will be able to:		Upon successful completion of this clinical rotation, PA students will be able to:
Demonstrate an awareness of and responsiveness to the larger system of health care. Provide patient healthcare that balances quality of cost, while maintaining the primacy of the individual patient.	B2.11, B2.12 (SBP)	<ul style="list-style-type: none"> • Discuss sources of health care funding and payment systems that provide coverage for patient care. • Utilize the system efficiently and effectively. • Apply medical information to clinical data systems to provide effective, efficient, and safe patient care.

Projection of Supervised Clinical Practice Encounters

The Marshall University Physician Assistant program understands that you will not encounter all conditions during your rotation. However, we believe it is plausible that you will encounter most of the conditions listed below. However, you should devote sufficient time to studying the conditions as well as discussing them with your preceptor in order to gain a deeper understanding of each.

Medical Condition	# of Encounters
Cardiovascular disorders	6
Orthopedic/rheumatologic disorders	10
Gastrointestinal/nutritional disorders	10
Pulmonary disorders	10
Neurological disorders	6
ENOT/Ophthalmology	10
Urologic/renal disorders	10
Dermatological disorders	6
Endocrine disorders	10
Obstetric/gynecologic disorders	6
Psychiatric disorders/behavioral health	6
Hematological disorders	10

Technical Skills	# of Encounters
Interpretation of laboratory studies	5
EKG (perform & interpret)	2
Laceration repair	5
Counseling/Giving sad or bad news	5
US in obstetrics	3
Central line placement (observe/perform)	5
Intubation	3
Incision & drainage	5
Lumbar puncture	3
Wound care	5
Diagnostic imaging	5
Casting/splinting	2
Comprehensive neurological examination	2

Outline of Topics Covered on the End of Rotation Exam

At the conclusion of the Pediatrics rotation, the PA student will be expected to be able to discuss and have a strong understanding of the presentation, examination, management, and prognosis of the following pediatric conditions. The list is provided by the Physician Assistant Education Association and serves as a guide for the pediatrics end-of-rotation examination. The PA Program understands that you will not encounter in clinic all of the conditions on the list. However, you should devote sufficient time studying the conditions as well as discussing them with your preceptor in order to gain an understanding as described above.

CARDIOVASCULAR

Acute/subacute bacterial endocarditis	Heart failure
Angina	Hypertensive emergencies
Arrhythmias	Hypotension (cardiogenic shock, orthostatic hypotension)
Cardiac tamponade	Orthopnea
Chest pain	Pericardial effusion
Conduction disorders (atrial fibrillation/flutter, supraventricular tachycardia, bundle branch block, ventricular tachycardia/fibrillation, premature beats)	Peripheral vascular disease
Coronary heart disease (non-ST segment elevation acute myocardial infarction, angina pectoris, unstable angina, Prinzmetl/variant angina)	Syncope
Dyspnea on exertion	Valvular disease (aortic stenosis, aortic regurgitation, mitral stenosis, mitral regurgitation)
Edema	Vascular disease (aortic aneurysm/dissection, arterial occlusion/thrombosis, phlebitis)

ORTHOPEDICS/RHEUMATOLOGY

Back strain/sprain	Herniated disk
Bursitis/tendonitis	Low back pain
Cauda equine	Osteomyelitis
Costochondritis	Pain
Ecchymosis/erythema	Septic arthritis
Fractures/dislocations (shoulder, forearm/wrist/hand, hip, knee, ankle/foot)	Soft tissue injuries
Gout	Sprains/strains
	Swelling/deformity

GASTROINTESTINAL/NUTRITIONAL

Abdominal pain	Giardiasis and other parasitic infections
Acute appendicitis	Heartburn
Acute cholecystitis	Hematemesis
Acute hepatitis	Hemorrhoids (thrombosed)
Acute pancreatitis	Hernia (incarcerated/strangulated)
Anal fissure/fistula/abscess	Infectious diarrhea
Anorexia	Inflammatory bowel disease/toxic megacolon
Change in bowel habits/diarrhea/constipation	Ischemic bowel disease
Cholangitis	Jaundice
Cirrhosis	Mallory-Weiss tear
Diarrhea/constipation	Melena; bleeding per rectum
Diverticular disease	Nausea/vomiting
Esophagitis	Obstruction (small bowel, large bowel, volvulus)
Gastritis	Peptic ulcer disease
Gastrointestinal bleeding	

PULMONOLOGY

Acute bronchiolitis	Pleural effusion
Acute bronchitis	Pleuritic chest pain
Acute epiglottitis	Pneumonia (bacterial, viral, fungal, HIV-related)
Acute respiratory distress syndrome	Pneumothorax
Asthma	Pulmonary embolism
Croup	Respiratory syncytial virus
Foreign body aspiration	Shortness of breath
Hemoptysis	Tuberculosis
Influenza	Wheezing
Lung cancer	Pertussis

NEUROLOGY

Altered level of consciousness/coma	Numbness/paresthesia
Bell palsy	Seizure (symptom)
Encephalitis	Seizure disorders
Epidural/subdural hematoma	Spinal cord injury
Guillain-Barre syndrome	Status epilepticus
Head trauma/concussion/contusion	Stroke
Headache (migraine, cluster, tension)	Subarachnoid hemorrhage/cerebral aneurysm)
Intracerebral hemorrhage	Syncope
Loss of consciousness/change in mental status	Transient ischemic attack
Loss of coordination/ataxia	Vertigo
Loss of memory	Weakness/paralysis
Meningitis	

ENOT/OPHTHALMOLOGY

Acute laryngitis	Hyphema
Acute otitis media	Labyrinthitis
Acute pharyngitis (viral, bacterial)	Macular degeneration (wet)
Acute sinusitis	Mastoiditis
Allergic rhinitis	Nasal congestion
Barotrauma	Optic neuritis
Blepharitis	Orbital cellulitis
Blow-out fracture	Otitis externa
Conjunctivitis	Papilledema
Corneal abrasion/ulcer	Peritonsillar abscess
Dacryoadenitis	Retinal detachment
Dental abscess	Retinal vein occlusion
Ear pain	Sore throat
Epiglottitis	Trauma/hematoma (external ear)
Epistaxis	Tympanic membrane perforation
Foreign body (eye, ear, nose)	Vertigo
Gaucoma (acute angle closure)	Vision loss

UROLOGY/RENAL

Acid/base disorders	Incontinence
Acute renal failure	Nephrolithiasis
Cystitis	Orchitis
Dysuria	Prostatitis
Epididymitis	Pyelonephritis
Fluid and electrolyte disorders	Suprapubic/flank pain
Glomerulonephritis	Testicular torsion
Hematuria	Urethritis
Hernias	

DERMATOLOGY

Bullous pemphigoid	Lice
Burns	Pilonidal disease
Cellulitis	Pressure sores
Dermatitis (eczema, contact)	Rash
Discharge	Scabies
Drug eruptions	Spider bites
Erysipelas	Stevens-Johnson syndrome
Herpes zoster	Toxic epidermal necrolysis
Impetigo	Urticaria
Itching	Viral exanthems

ENDINOCRINOLOGY

Adrenal insufficiency	Hyperthyroidism
Cushing disease	Hypothyroidism
Diabetes insipidus	Nonketotic hyperglycemia
Diabetes mellitus	Palpitations
Diabetic ketoacidosis	Thyroiditis
Heat/cold intolerance	Tremors
Hyperparathyroidism	

OBSTETRICS/GYNECOLOGY

Amenorrhea
Dysfunctional uterine bleeding
Ectopic pregnancy
Fetal distress
Intrauterine pregnancy
Mastitis/breast abscess
Ovarian cysts

Pelvic inflammatory disease
Pelvic pain/dysmenorrhea
Placenta previa
Premature rupture of membranes
Spontaneous abortion
Vaginal discharge
Vaginitis

PSYCHIATRY/BEHAVIORAL MEDICINE

Anxiety disorders
Bipolar and related disorders
Depressive disorders
Neurocognitive disorders
Panic disorder
Posttraumatic stress disorder

Schizophrenia spectrum and other psychotic disorders
Spouse or partner neglect/violence
Substance use disorders
Suicide

HEMATOLOGY

Acute leukemia
Anemia
Aplastic anemia
Clotting factor disorders
Easy bruising
Fatigue

Hemolytic anemia
Hypercoagulable states
Lymphomas
Polycythemia
Sickle cell anemia/crisis
Thrombocytopenia

ARC-PA Standards that Pertain to this Course

The Accreditation Review Commission on Education for the Physician Assistant is the accrediting agency that protects the interests of the public and physician assistant profession by defining the standards for physician assistant education and evaluating physician assistant educational programs within the territorial United States to ensure their compliance with those standards. The ARC-PA Standards 4th ed., that are relevant to this course are listed below:

4th Ed. ARC-PA Standards (<http://www.arc-pa.org//accreditation/standards-of-accreditation/>)

- B1.01 – The curriculum *must* be consistent with the mission and goals of the program.
- B1.02 - The curriculum must include core knowledge about established and evolving biomedical and clinical sciences and then application of this knowledge to patient care.
- B1.03 - The curriculum must be of sufficient breadth and depth to prepare the student for clinical practice of medicine.

- B1.04 - The curriculum design *must* reflect sequencing that enables students to develop the *competencies* necessary for current and evolving clinical practice.
- B1.05 - The curriculum *must* include instruction about intellectual honesty and appropriate academic and professional conduct.
- B1.06 - The curriculum *must* include instruction to prepare students to provide medical care to patients from diverse populations.
- B1.07 - The curriculum *must* include instruction to prepare students to work collaboratively in inter-professional patient centered teams.
- B1.09 - For each didactic and clinical course, the program *must* define and *publish instructional objectives* to guide student acquisitions of required *competencies*.
- B2.03 - The program curriculum *must* include instruction in clinical medicine covering all organ systems.
- B2.04 - The program curriculum *must* include instruction in interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families and other health professionals.
- B2.05 - The program curriculum *must* include instruction in patient evaluation, diagnosis and management.
- B2.10 - The program curriculum *must* include instruction to prepare students to search, interpret and evaluate the medical literature, including its application to individualized patient care.
- B2.15 - The program curriculum *must* include instruction regarding reimbursement, documentation of care, coding and billing.
- B2.16 - The program curriculum *must* include instruction in the principles of practice of medical ethics.
- B3.02 - *Supervised clinical practice experiences must* enable all students to meet the program's learning outcomes expected of students to include preventative, emergent, acute, and chronic patient encounters.
- B3.03 - *Supervised clinical practice experiences must* enable all students to meet the program's *learning outcomes* expected of students for patients seeking:
 - a.) medical care across the life span to include, infants, children, adolescent, adults, and the elderly,
 - b.) women's health (to include prenatal and gynecological care),
 - c.) care for conditions requiring surgical management, including pre-operative, intra-operative, post-operative care and
 - d.) care for behavioral and mental health conditions.
- B3.04 - Supervised clinical practice experiences must occur in the following settings:
 - a.) outpatient,
 - b.) emergency department,
 - c.) inpatient and
 - d.) operating room
- B3.05 - *Instructional faculty* for the supervised clinical portion of the educational program *must* consist primarily of practicing physicians and PAs.
- B3.07 - *Supervised clinical practice experiences should* occur with *preceptors* practicing in the following disciplines:

- a.) family medicine,
- b.) internal medicine,
- c.) general surgery,
- d.) pediatrics,
- e.) ob/gyn and
- f.) behavioral and mental health care.

MUPA Program Competencies Relevant to this Course

Medical Knowledge (MK)

Graduates will demonstrate core knowledge about established and evolving biomedical and clinical sciences and the application of this knowledge to patient care. Graduates will apply the ability to use evidence based medicine, and be able to synthesize areas of pathophysiology, patient presentation, differential diagnosis, patient management, surgical principles, health promotion and disease prevention to care for patients across the life span in culturally diverse populations and rural areas.

Interpersonal & Communication Skills (ICS)

Graduates will employ skills to work in interprofessional teams that will result in effective communication with patients, other health care professionals, and patient families. Graduates will be able to accurately document information they obtain with respect to medical, financial, legal, and accuracy purposes

Patient Care (PC)

Graduates will demonstrate the ability to make decisions about diagnostic and therapeutic interventions based on patient preferences, current scientific evidence and informed clinical judgement. Graduates will be able to aim health services for patients on disease prevention, health maintenance and patient and family education.

Professionalism (P)

Graduates will demonstrate commitment to excellence in professional relationships and on-going professional development (including lifelong learning). Physician assistants are expected to have a firm understanding of legal and regulatory requirements as well as the appropriate role of physician assistants in health care.

Practice-Based Learning & Improvement (PB&L)

Graduates will demonstrate the ability to critically analyze their practice in light of their experience, the medical literature and their own self – analysis and self – improvement.

Systems Based Practice

Graduates will be prepared to practice cost effective health care and resource allocation that does not compromise patient care. Graduates will be able to discuss ways to partner with supervising/ collaborating physicians and other health care professionals to improve the delivery and effectiveness of health care and patient outcomes.

University Policies

By enrolling in this course, you agree to the University Policies. Please read the full text of each policy (listed below) by going to MU Academic Affairs: University Policies. (URL: <http://www.marshall.edu/academic-affairs/policies/>)

- Academic Dishonesty Policy
- Academic Dismissal Policy
- Academic Forgiveness Policy
- Academic Probation and Suspension Policy
- Affirmative Action Policy
- Inclement Weather Policy
- Sexual Harassment Policy
- Students with Disabilities (Policies and Procedures)
- University Computing Services Acceptable Use Policy

Marshall University E-Mail Accounts and Technology Assistance

You must have and use your MU email account. Your personal email accounts will not be used for official communication with Marshall University programs and personnel. You may redirect your MU email to your own personal email account, but you must sign in to your MU account to do that. Marshall University uses Office 365 email. For more information, visit [Marshall IT: Office 365](https://www.marshall.edu/it/office365/) (URL: <https://www.marshall.edu/it/office365/>).

For computer and browser requirements, see “Get Connected” and “Internet Browser” at [Student Resources: First Steps](#). See also [IT: Recommended Hardware](#) (URLs: <http://www.marshall.edu/muonline/student-resources/> and <http://www.marshall.edu/it/recommendations/>). To check your browsers, use the [Blackboard Browser Checker](#) and ensure that you set permissions properly and have all the necessary plug-ins. (URL: https://help.blackboard.com/Learn/Student/Getting_Started/Browser_Support/BrowserChecker)

- Students must be able to use Marshall Email, as well as the following tools in Blackboard: course messages, assignments, discussion board forums, tests, blogs, journals, wikis, and groups. Links to Blackboard Help and tutorials are available on the Start Here page and on the Tech Support tab in Blackboard. [Adobe Acrobat Reader](#) may be needed to read some files. This plug-in is available free. (URL: <https://get.adobe.com/reader/>) See the Tech Support tab in Blackboard for additional information and links.
- Students may be required to submit assignments as Microsoft Word documents (.docx), using the most recent Microsoft Office suite. Office 365 is available at no extra charge to students enrolled at MU. For information visit [Marshall IT: Office 365](#) (URL: <http://www.marshall.edu/it/office365/>).
- See the Tech Support tab in Blackboard for additional information on browsers, technology, and apps.

If you have technical problems, please contact one or more of the following:

- [Blackboard Support Center](#) (URL: <http://marshall.edusupportcenter.com>)
- [Marshall Information Technology \(IT\) Service Desk \(Help Desk\)](#) (URL: <http://www.marshall.edu/it/departments/it-service-desk/>)
Huntington: (304) 696-3200
- [Email the IT Service Desk](#) (itservicedesk@marshall.edu)

Technology and Technical Skill Requirement

- Students must be proficient in the use of computers, the Internet, browsers, Microsoft Office Word, and other common applications.

Course & Faculty Evaluations

Policy Statement Regarding Student Compliance with Course Evaluations: The Physician Assistant Program at Marshall University has a process to assess all aspects of the program. It is important to gain information from our PA students. By implementing a systematic method of collecting student feedback, appropriate PA program faculty, the Program Director, the Curriculum Committee and the Self-Assessment Committee are able to carefully review and respond to student course ratings to identify strengths and weaknesses and promote positive curricular change. Therefore, students are required to complete evaluations of all courses and rotations and their associated faculty/ preceptors. Students who do not to complete course/rotation evaluations within the established timeframe will receive one warning of the penalties for non-compliance. If the student still has not completed the evaluations within 48 hours of the warning, they will have written warning submitted to the Student Progress Committee for possible inclusion as part of their academic record. The PA Program also recognizes that repeated noncompliance is an issue of professional conduct. If noncompliance occurs in subsequent courses, the student will be required to meet with the Student Progress Committee.

Modifications in Course Syllabus Disclaimer

Every attempt has been made to provide a complete syllabus that provides an accurate overview of the course. However, circumstances and events may make it necessary for the instructor to modify the syllabus during the semester. This may depend, in part, on the progress, needs and experiences of the students.

Bibliography

Cleveland Manchanda, E.C., Kharasch, S.J., & Liteplo, A.S. (2019). Dyspnea in an otherwise healthy 18-year-old: the importance of point-of-case ultrasonography. *Clin. Pract. Cases Emerg. Med.*, 3(3), 271-274. doi:10.5811/cpcem.2018.9.39218

Huey, M.S., et al. (2019). CODE STROKE ALERT – Concept and development of a novel open-source platform to streamline acute stroke management. *Front. Neurol.*, 10, 725. doi:10.3389/fneur.2019.00725

Mayo, P.H., et al. (2019). Thoracic ultrasonography: a narrative review. *Intensive Care Med.* Retrieved from <https://doi.org/10.1007/s00134-019-05725-8>

Moloney, N., Paget, S., & Keijzers, G. (2019). Kounis syndrome: anaphylaxis causing coronary occlusion. Retrieved from <https://doi.org/10.1111.1742-6723.13377>

National Heart Attack Alert Program (NHAAP) Coordinating Committee Critical Pathways Writing Group. (2002). Critical pathways for management of patients with acute coronary syndromes: An assessment by the National Heart Attack Alert Program. *American Heart Journal*, 143(5), 777-789. doi:10.1067/mhj.2002.120260



PHYSICIAN ASSISTANT PROGRAM

**Affiliation Agreement for the Experiential Education of Students from
the Physician Assistant Program at Marshall University
Joan C Edwards School of Medicine**

This Affiliation Agreement is made and entered into by and between Marshall University on behalf of its Physician Assistant Program, a state of West Virginia institution of higher education hereinafter called the UNIVERSITY and Allied West Virginia Emergency Physicians, PLLC, hereinafter called the MEDICAL GROUP (MEDICAL GROUP).

WHEREAS, the UNIVERSITY is principally located at 1 John Marshall Drive, Huntington, West Virginia, 25755 and

WHEREAS, the MEDICAL GROUP is principally located at St. Mary's Medical Center Emergency Department, 2900 1st Avenue, Huntington, WV, 25702, hereinafter called FACILITY has the personnel and services to provide experiential experiences.

WHEREAS, the parties desire to advance physician assistant education, and improve the quality of health care to patients in the Appalachian region, the state, and the nation; and

WHEREAS, it is deemed advisable and in the best interest of the parties to establish an affiliation for the purpose of carrying out these objectives.

NOW THEREFORE, in consideration of the mutual benefits, the parties hereto agree as follows:

ARTICLE 1

TERM

The original term of this Agreement is from May 1, 2022 through April 30, 2023.

Thereafter, this Agreement shall automatically renew on an annual basis (unless this Agreement is terminated as set forth below) without need of a written amendment to extend the term.

Either party may terminate this Agreement at any time with or without cause by giving the other party ninety (90) days written notice to terminate; however, students assigned at MEDICAL GROUP when termination notice is given shall be permitted to complete their current rotation at UNIVERSITY's option.

ARTICLE 2
RESPONSIBILITIES OF THE PARTIES

MEDICAL GROUP will:

- i. Allow the use of its facilities for the education and training of physician assistant students who will be under the supervision of preceptors who possess a valid physician assistant license or medical license for practice with the MEDICAL GROUP.
- ii. Provide access for the students to patients and their medical records at FACILITY as part of their clinical training program, unless the patient requests to be excluded from the teaching programs.
- iii. Cooperate with the UNIVERSITY for the development of rotations and the components thereof.
- iv. Notify the UNIVERSITY immediately of any change in the status of accreditation or licensure.
- v. Acknowledge and agree that the students' education records and any personally identifiable information from such education records (collectively "Student Information") created by MEDICAL GROUP and/or provided by the UNIVERSITY to MEDICAL GROUP is subject to the confidentiality provisions of the federal Family Educational Rights and Privacy Act, 20 USC § 1232g, ("FERPA") and its implementing regulations (34 C.F.R. Part 99). Accordingly, MEDICAL GROUP agrees not to disclose or re-disclose any Student Information to any other party without the prior written consent of the UNIVERSITY and the student(s) to whom the Student Information pertains unless the disclosure or re-disclosure falls under a FERPA exception allowing disclosure without the student(s)' consent. MEDICAL GROUP also agrees to only use Student Information for the purpose(s) for which the Student Information was disclosed. For the purposes of this Agreement, pursuant to FERPA, UNIVERSITY hereby designates MEDICAL GROUP as a UNIVERSITY official with a legitimate educational interest in the educational records of the Student(s) who participate in the Program to the extent that access to the records is required by MEDICAL GROUP to carry out the Program.

If MEDICAL GROUP receives a court order, subpoena, or similar request for Student Information, MEDICAL GROUP shall, to the extent permitted by law, notify the UNIVERSITY within two (2) business days of its receipt thereof, and reasonably cooperate with the UNIVERSITY in meeting the UNIVERSITY'S and/or MEDICAL GROUP'S FERPA obligations in complying with or responding to such request, subpoena, and/or court order.
- vi. Request the removal of any student whom the MEDICAL GROUP determines is not performing in accordance with its applicable administrative and patient care policies, procedures, rules, and/or regulations. Such request must be in writing, and must include a statement of the reason or reasons why MEDICAL GROUP desires to have the student removed. Provided that, the MEDICAL GROUP may immediately remove from the premises any student who poses an immediate threat

or danger to personnel or to the quality of services, or for unprofessional behavior. The MEDICAL GROUP will notify the appropriate office of the UNIVERSITY, in writing, if such an action is required and include a statement of the reason or reasons why MEDICAL GROUP removed the student. The UNIVERSITY may terminate a student's participation when, in its sole discretion, further participation by the student would no longer be appropriate. The UNIVERSITY will notify the MEDICAL GROUP if such action is required.

- vii. Maintain responsibility for the policies, procedures, and administrative guidelines to be used in the operation of MEDICAL GROUP.
- viii. Maintain authority and responsibility for care given to MEDICAL GROUP's patients.
- ix. Not be required to provide student with transportation.
- x. Not discriminate against any employee, applicant or student participating in this program on the basis of race, color, national origin, ancestry, age, physical or mental disability, marital or family status, pregnancy, veteran status, service in the uniformed services (as defined in state and federal law), religion, creed, sex, sexual orientation, genetic information, gender identity, or gender expression or any other basis protected by law. Further, each party will make reasonable accommodations to assure accessibility to the Program for persons with disabilities in accordance with UNIVERSITY policy.
- xi. Not compensate students for their time or activities while participating in any educational activities.
- xii. Appoint a member of MEDICAL GROUP's staff as the primary contact person to work with the UNIVERSITY in performance of this Agreement.
- xiii. Encourage its staff to participate in the educational activities of the UNIVERSITY.
- xiv. Participate, if requested by either party, in any annual program review activities of the UNIVERSITY, which are directed toward continuing improvement of experiential education.
- xv. Provide orientation to the students of the UNIVERSITY, including FACILITIES relevant policies, procedures and local laws.
- xvi. Evaluate and assess the performance of the student using the objectives and tools provided by the UNIVERSITY.

The UNIVERSITY will:

- i. Identify students that have completed academics appropriate to the level of training prior to assignment to the supervised experience. The Clinical Coordinator/course instructor for the

department shall oversee the assignment of its students with mutual agreement of and advance notice to the MEDICAL GROUP. Provided that, placement shall be limited to ten students from an individual program placed simultaneously at MEDICAL GROUP not located in the state of West Virginia.

- ii. Inform the student and faculty of the requirement to comply with the FACILITY and MEDICAL GROUP's policies and procedures while in attendance at the FACILITY.
- iii. Prepare the student through the faculty and curriculum in order that they are able to benefit from their placement in the MEDICAL GROUP.
- iv. Prepare the student through the faculty and curriculum that they understand the importance of confidentiality and the importance of complying with the Health Insurance and Portability Accountability Act (HIPAA).
- v. Maintain for students during the term of this Agreement and any extensions thereof:
 - a. General Liability Coverage, for personal or bodily injury and property damage, including Broad Form Endorsement, in combined single limit of not less than One Million Dollars (\$1,000,000) per occurrence.
 - b. Professional liability insurance in the amount of One Million Dollars (\$1,000,000) per claim on an occurrence basis.
- vi. UNIVERSITY will be responsible for planning and execution of educational program and curriculum.
- vii. No student, faculty or instructor is to be an agent, employee or servant of the MEDICAL GROUP but shall be considered an invitee.
- viii. Each student will be responsible for his/her room and board fees, travel expenses; transportation costs; and all other necessary living expenses.
- ix. Each student will be responsible for drug screen and background check as required by the MEDICAL GROUP.
- x. UNIVERSITY will be responsible for ensuring student completes the appropriate approval process through FACILITY to be allowed to train with Medical Group, with subsequent notification via e-mail to the Medical Director of the Department to include an appropriate letter on FACILITY letterhead which states that the student has been approved to train with MEDICAL GROUP.

ARTICLE 3

ANNUAL ADDENDUM

Prior to the beginning of the Academic Year, the parties will complete the Addendum to Affiliation form, as attached hereto as Exhibit A. Which will identify the academic year, physical location of the practice, the number of students to be placed for the academic year and the relevant contact information. The signed and completed addenda will become part of this Agreement as if fully set-forth herein.

ARTICLE 4

CONFIDENTIALITY

In the course of educating students in an experiential environment, both the UNIVERSITY and MEDICAL GROUP may receive information, data, and materials relating to each other's personnel, methods and techniques, financial condition, customers, pricing, and marketing, which parties agree is confidential information. The UNIVERSITY and MEDICAL GROUP agree not to disclose confidential information to any third party.

ARTICLE 5

VENUE

This Agreement shall be governed by and construed in accordance with the laws of the State of West Virginia without regard to choice of law principles. The exclusive venue for disputes between the parties arising from or related to this Agreement shall be those courts of the State of West Virginia located in Cabell County, West Virginia.

ARTICLE 6

ASSIGNMENT

This Agreement and the rights and obligations hereunder may not be assigned by either party without the written consent of the other.

ARTICLE 7

SEVERABILITY

The provisions of this Agreement shall be considered severable such that if any provision hereof is determined to be invalid or unenforceable, the remaining provisions shall continue in full force and effect.

This Agreement is intended to supercede all prior agreements.

IN WITNESS WHEREOF, the undersigned parties do hereby bind themselves to the faithful performance of this Agreement.

Marshall University School of Medicine

Allied West Virginia Emergency Physicians, PLLC


Signature

Bob Miller MD
Printed Name

Vice Dean
Title

8-14-19
Date


Signature

Mitesh Patel
Printed Name

Asst. Secretary
Title

8/12/19
Date



Physician Assistant Program

This Affiliation Agreement is made and entered into by and between **Marshall University** on behalf of its Physician Assistant Program, a state of West Virginia institution of higher education hereinafter called the **UNIVERSITY** and **St. Mary's Medical Center/SMMM** (St. Mary's Medical Management) of Huntington, WV hereinafter called the **FACILITY**.

Whereas, the **UNIVERSITY** is principally located at 1 John Marshall Drive, Huntington, WV, 25755 and

Whereas, the **FACILITY** is principally located at 2900 First Avenue, Huntington, WV 25702 has the facilities, equipment, personnel, and services to provide experiential experiences.

Whereas, the parties desire to advance physician assistant education, and improve the quality of health care to patients in the Appalachian region, the state, and the nation; and

Whereas, it is deemed advisable and in the best interest of the parties to establish an affiliation for the purpose of carrying out these objectives.

Now therefore, in consideration of the mutual benefits, parties hereto agree as follows:

ARTICLE 1

TERM

The original term of this Agreement is from May 1, 2022 through April 30, 2023.

This Agreement shall be effective when signed by both parties. The term of this Agreement shall be one (1) full year from the day and year first above written and shall be renewed annually automatically upon the same terms and conditions as set forth in this Agreement.

Notwithstanding, this Agreement may be terminated at any time by either party by giving thirty (30) days advance written notice, however students assigned at the **FACILITY** when termination notice is given shall be permitted to complete their current rotation at **UNIVERSITY's** option. Either party desiring to negotiate a modification in this Agreement may do so by notifying, in writing, the other institution thirty (30) days in advance of commencement of such negotiation.

ARTICLE 2
RESPONSIBILITIES OF THE PARTIES

FACILITY will:

- i. Allow the use of its facilities for the education and training of physician assistant students who will be under the supervision of preceptors engaged by the UNIVERSITY who possess a valid physician assistant license or medical license and are credentialed by the practice at the FACILITY.
- ii. Provide access for the students to patients and their medical records at FACILITY as part of their clinical training program, unless the patient requests to be excluded from the teaching programs.
- iii. Cooperate with the UNIVERSITY for the development of rotations and the components thereof.
- iv. Notify the UNIVERSITY immediately of any change in the status of accreditation or licensure.
- v. Acknowledge and agree that the students' education records and any personally identifiable information from such education records (Collective "Student Information") created by FACILITY and/or provided by the UNIVERSITY to FACILITY is subject to the confidentiality provisions of the federal Family Educational Rights and Privacy Act, 20 USC § 1232g, (FERPA[®]) and its implementing regulations (34 C.F. R. Part 99). Accordingly, FACILITY agrees not to disclose or re-disclose any Student Information to any other party without the prior written consent of the UNIVERSITY and the student(s) to whom the Student Information pertains unless the disclosure or re-disclosure falls under a FERPA exception allowing disclosure without the student(s)' consent. FACILITY also agrees to only use Student Information for the purpose(s) for which the Student Information was disclosed. For the purposes of this Agreement, pursuant to FERPA, UNIVERSITY hereby designates FACILITY as a UNIVERSITY official with a legitimate educational interest in the educational records of the Student(s) who participate in the Program to the extent that access to the records is required by FACILITY to carry out the Program. If FACILITY receives a court order, subpoena, or similar request for Student Information, FACILITY shall, to the extent permitted by law, notify the UNIVERSITY within two (2) business days of its receipt thereof, and reasonably cooperate with the UNIVERSITY in meeting the UNIVERSITY's and/or FACILITY'S FERPA obligation in complying with or responding to such request, subpoena, and/or court order.
- vi. Request the removal of any student whom the FACILITY determines is not performing in accordance with its applicable administrative and patient care policies, procedures, rules, and/or regulations or who violates the confidentiality of patient information. Such request must be in writing, and must include a state of the reason or reasons why FACILITY desires to have the student removed. Provided that; the FACILITY may immediately remove from the premises any student who poses an immediate threat or danger to personnel or to the quality of services, or for unprofessional behavior. The FACILITY will notify the appropriate office of the UNIVERSITY, in writing, if such an action is required and include a statement of the reason or reasons why FACILITY removed the student. The

UNIVERSITY may terminate a student's participation when, in its sole discretion, further participation by the student would no longer be appropriate. The University will notify the FACILITY if such action is required.

- vii. Maintain responsibility for the policies, procedures, and administrative guidelines to be used in the operation of the FACILITY.
- viii. Maintain authority and responsibility for care given to FACILITY's patients.
- ix. Not be required to provide student with transportation.
- x. Not discriminate against any employee, applicant or student participating in this program on the basis of race, color, national origin, ancestry, age, physical or mental disability, marital or family status, pregnancy, veteran status, service in the uniformed services (as defined in state and federal law), religion, creed, sex, sexual orientation, genetic information, gender identity, or gender expression or any other basis protected by law. Further, each party will make reasonable accommodations to assure accessibility to the Program for persons with disabilities in accordance with UNIVERSITY policy.
- xi. Not compensate students for their time or activities while participating in any educational activities.
- xii. Appoint a member of FACILITY's staff as the primary contact person to work with the UNIVERSITY in performance of this Agreement.
- xiii. Encourage its staff to participate in the educational activities of the UNIVERSITY.
- xiv. Participate, if requested by either party, in any annual program review activities of the UNIVERSITY, which are directed toward continuing improvement of experiential education.
- xv. Provide orientation to the student of the UNIVERSITY, including FACILITIES relevant policies, procedures and local laws.
- xvi. Evaluate and assess the performance of the student using the objectives and tools provided by the UNIVERSITY.

The UNIVERSITY will:

- i. Identify students that have completed academics appropriate to the level of training prior to assignment to the supervised experience. The Clinical Coordinator/course instructor for the department shall oversee the assignment of its students with mutual agreement of and advance notice to the FACILITY. Provided that, placement shall be limited to ten students from an individual program placed simultaneously at FACILITY not located in the state of West Virginia.
- ii. Inform the student and faculty of the requirement to comply with the FACILITY'S policies and procedures while in attendance at the FACILITY.

- iii. Prepare the student through the faculty and curriculum in order that they are able to benefit from their placement in the FACILITY.
- iv. Prepare the student through faculty and curriculum that they understand the importance of confidentiality and the importance of complying with the Health Insurance and Portability Accountability Act (HIPAA).
- v. Maintain for students during the term of this Agreement and any extensions thereof:
 - a. General Liability Coverage, for personal or bodily injury and property damage, including Broad Form Endorsement, in combined single limit of not less than One Million Dollars (\$1,000,000) per occurrence.
 - b. Professional liability insurance in the amount of One Million Dollars ((\$1,000,000) per claim/occurrence and \$3 million/aggregate covering the negligent or intentional acts of its students or clinical instructors at the outset of this Agreement and keep said insurance in force throughout the term if this Agreement. on an occurrence basis.
- vi. UNIVERSITY will be responsible for planning and execution of educational program and curriculum.
- vii. No student, faculty or instructor is to be an agent, employee or servant of the FACILITY but shall be considered an invitee.
- viii. Each student will be responsible for drug screen and background checks as required by the FACILITY. The current requirements of the FACILITY are set forth in Attachment 1, which is attached hereto and incorporated by reference.

ARTICLE 3

CONFIDENTIALITY

In the course of educating students in an experiential environment, both the UNIVERSITY and FACILITY may receive information, data, and materials relating to each other's personnel, methods and techniques, financial condition, customers, pricing, and marketing, which parties agree is confidential information. The UNIVERSITY and FACILITY agree not to disclose confidential information to any third party.

ARTICLE 4

VENUE

This Agreement shall be governed by and construed in accordance with the laws of the State of West Virginia without regard to choice of law principles. The exclusive venue for disputes between the parties arising from or related to this Agreement shall be those courts of the State of West Virginia located in Cabell County, West Virginia.

ATTACHMENT 1

1. All students and faculty members shall meet the following requirements before beginning their clinical training experiences at St. Mary's Medical Center. If such information is provided in the form of a written statement from the educational institution or an attestation signed by students or faculty, St. Mary's Medical Center reserves the right to request supporting evidence on either an individual basis or as part of a random audit to ensure compliance with these requirements.
 - a. A negative 10 panel urine drug screen dated within six (6) months prior to the commencement of the clinical training experience. For the purposes of these requirements, a negative drug screen would include positive results which have been validated for prescription medications.
 - b. A clear criminal background check (with no unresolved discrepancies) consisting of social security verification, Medicare integrity (OIG sanctions), state and county checks with check results dated within six (6) months prior to the commencement of the clinical training experience;
 - c. A statement that the student or faculty member is free of communicable disease;
 - d. Verification of immunization or antibody to rubella;
 - e. Verification of two-step PPD or Interferon Gamma Release Assay (IGRA) , the latest result no more than 90 days prior to first rotation, testing documented within the last year. If positive, documentation of appropriate follow-up.
 - f. Verification of Varicella history.
 - g. Verification of immunization to measles (rubeola) if born in 1957 or later;
 - h. Verification of TDAP vaccination within the recommended time frame; and
 - i. Receipt of Hepatitis B vaccination or declination. In the case that the student/instructor is Hepatitis B positive (chronically infected) a Hepatitis B viral load (within 90 days of the first clinical day) must be submitted to SMMC Employee Health. This also applies to Hepatitis C positive results.
 - j. Receipt of Hepatitis C vaccination or declination;
 - k. Clinical students and instructors seeking clinical experience at Medical Center/SMMM are required to have documentation of current CPR certification.
2. During the flu season, St. Mary's Medical Center requires that all employees, staff members, students and faculty either attest that they have received the flu vaccine or wear a mask at all times during their clinical experience at the Medical Center.
3. St. Mary's Medical Center reserves the right to modify these requirements at any time upon thirty (30) days prior written notice to the educational institution.

Effective June 1, 2017; revised October 9, 2017; revised February 14, 2018; revised July 8, 2019; adpt: 8/19 for SMMC

ARTICLE 5

ASSIGNMENT

This Agreement and the rights and obligations hereunder may not be assigned by either party without the written consent of the other.

ARTICLE 7

SEVEREABILITY

The provisions of this Agreement shall be considered severable such that if any provision hereof is determined to be invalid or unenforceable, the remaining provisions shall continue in full force and effect.

This Agreement is intended to supercede all prior agreements.

IN WITNESS WHEREOF, the undersigned parties do hereby bind themselves to the faithful performance of this Agreement.

Marshall University School of Medicine

Bob Miller MD
Signature

Bob Miller MD
Printed Name

Vice Dean
Title

8-15-19
Date

St. Mary's Medical Center

Lee Taylor VP
Signature

Lee Taylor
Printed Name

VPMA
Title

8-13-19
Date



PHYSICIAN ASSISTANT PROGRAM

**Affiliation Agreement for the Experiential Education of Students from
the Physician Assistant Program at Marshall University
Joan C Edwards School of Medicine**

This Affiliation Agreement is made and entered into by and between Marshall University on behalf of its Physician Assistant Program, a state of West Virginia institution of higher education hereinafter called the UNIVERSITY and Valley Emergency Physicians Ohio, LLC, hereinafter called the MEDICAL GROUP (MEDICAL GROUP).

WHEREAS, the UNIVERSITY is principally located at 1 John Marshall Drive, Huntington, West Virginia, 25755 and

WHEREAS, the MEDICAL GROUP is principally located at St. Mary's ER Ironton, OH, 1408 Campbell Drive, Ironton, OH, 45638, hereinafter called FACILITY, has the personnel and services to provide experiential experiences.

WHEREAS, the parties desire to advance physician assistant education, and improve the quality of health care to patients in the Appalachian region, the state, and the nation; and

WHEREAS, it is deemed advisable and in the best interest of the parties to establish an affiliation for the purpose of carrying out these objectives.

NOW THEREFORE, in consideration of the mutual benefits, the parties hereto agree as follows:

ARTICLE 1

TERM

The original term of this Agreement is from May 1, 2022 through April 30, 2023.

Thereafter, this Agreement shall automatically renew on an annual basis (unless this Agreement is terminated as set forth below) without need of a written amendment to extend the term.

Either party may terminate this Agreement at any time with or without cause by giving the other party ninety (90) days written notice to terminate; however, students assigned at MEDICAL GROUP when termination notice is given shall be permitted to complete their current rotation at UNIVERSITY's option.

ARTICLE 2
RESPONSIBILITIES OF THE PARTIES

MEDICAL GROUP will:

- i. Allow the use of its facilities for the education and training of physician assistant students who will be under the supervision of preceptors who possess a valid physician assistant license or medical license for practice with the MEDICAL GROUP.
- ii. Provide access for the students to patients and their medical records at FACILITY as part of their clinical training program, unless the patient requests to be excluded from the teaching programs.
- iii. Cooperate with the UNIVERSITY for the development of rotations and the components thereof.
- iv. Notify the UNIVERSITY immediately of any change in the status of accreditation or licensure.
- v. Acknowledge and agree that the students' education records and any personally identifiable information from such education records (collectively "Student Information") created by MEDICAL GROUP and/or provided by the UNIVERSITY to MEDICAL GROUP is subject to the confidentiality provisions of the federal Family Educational Rights and Privacy Act, 20 USC § 1232g, ("FERPA") and its implementing regulations (34 C.F.R. Part 99). Accordingly, MEDICAL GROUP agrees not to disclose or re-disclose any Student Information to any other party without the prior written consent of the UNIVERSITY and the student(s) to whom the Student Information pertains unless the disclosure or re-disclosure falls under a FERPA exception allowing disclosure without the student(s)' consent. MEDICAL GROUP also agrees to only use Student Information for the purpose(s) for which the Student Information was disclosed. For the purposes of this Agreement, pursuant to FERPA, UNIVERSITY hereby designates MEDICAL GROUP as a UNIVERSITY official with a legitimate educational interest in the educational records of the Student(s) who participate in the Program to the extent that access to the records is required by MEDICAL GROUP to carry out the Program.

If MEDICAL GROUP receives a court order, subpoena, or similar request for Student Information, MEDICAL GROUP shall, to the extent permitted by law, notify the UNIVERSITY within two (2) business days of its receipt thereof, and reasonably cooperate with the UNIVERSITY in meeting the UNIVERSITY'S and/or MEDICAL GROUP'S FERPA obligations in complying with or responding to such request, subpoena, and/or court order.

- vi. Request the removal of any student whom the MEDICAL GROUP determines is not performing in accordance with its applicable administrative and patient care policies, procedures, rules, and/or regulations. Such request must be in writing, and must include a statement of the reason or reasons why MEDICAL GROUP desires to have the student removed. Provided that; the MEDICAL GROUP may immediately remove from the premises any student who poses an immediate threat

or danger to personnel or to the quality of services, or for unprofessional behavior. The MEDICAL GROUP will notify the appropriate office of the UNIVERSITY, in writing, if such an action is required and include a statement of the reason or reasons why MEDICAL GROUP removed the student. The UNIVERSITY may terminate a student's participation when, in its sole discretion, further participation by the student would no longer be appropriate. The UNIVERSITY will notify the MEDICAL GROUP if such action is required.

- vii. **Maintain responsibility for the policies, procedures, and administrative guidelines to be used in the operation of MEDICAL GROUP.**
- viii. **Maintain authority and responsibility for care given to MEDICAL GROUP's patients.**
- ix. **Not be required to provide student with transportation.**
- x. **Not discriminate against any employee, applicant or student participating in this program on the basis of race, color, national origin, ancestry, age, physical or mental disability, marital or family status, pregnancy, veteran status, service in the uniformed services (as defined in state and federal law), religion, creed, sex, sexual orientation, genetic information, gender identity, or gender expression or any other basis protected by law. Further, each party will make reasonable accommodations to assure accessibility to the Program for persons with disabilities in accordance with UNIVERSITY policy.**
- xi. **Not compensate students for their time or activities while participating in any educational activities.**
- xii. **Appoint a member of MEDICAL GROUP's staff as the primary contact person to work with the UNIVERSITY in performance of this Agreement.**
- xiii. **Encourage its staff to participate in the educational activities of the UNIVERSITY.**
- xiv. **Participate, if requested by either party, in any annual program review activities of the UNIVERSITY, which are directed toward continuing improvement of experiential education.**
- xv. **Provide orientation to the students of the UNIVERSITY, including FACILITIES relevant policies, procedures and local laws.**
- xvi. **Evaluate and assess the performance of the student using the objectives and tools provided by the UNIVERSITY.**

The UNIVERSITY will:

- i. **Identify students that have completed academics appropriate to the level of training prior to assignment to the supervised experience. The Clinical Coordinator/course instructor for the**

department shall oversee the assignment of its students with mutual agreement of and advance notice to the MEDICAL GROUP. Provided that, placement shall be limited to ten students from an individual program placed simultaneously at MEDICAL GROUP not located in the state of West Virginia.

- ii. Inform the student and faculty of the requirement to comply with the FACILITY and MEDICAL GROUP's policies and procedures while in attendance at the FACILITY.
- iii. Prepare the student through the faculty and curriculum in order that they are able to benefit from their placement in the MEDICAL GROUP.
- iv. Prepare the student through the faculty and curriculum that they understand the importance of confidentiality and the importance of complying with the Health Insurance and Portability Accountability Act (HIPAA).
- v. Maintain for students during the term of this Agreement and any extensions thereof:
 - a. General Liability Coverage, for personal or bodily injury and property damage, including Broad Form Endorsement, in combined single limit of not less than One Million Dollars (\$1,000,000) per occurrence.
 - b. Professional liability insurance in the amount of One Million Dollars (\$1,000,000) per claim on an occurrence basis.
- vi. UNIVERSITY will be responsible for planning and execution of educational program and curriculum.
- vii. No student, faculty or instructor is to be an agent, employee or servant of the MEDICAL GROUP but shall be considered an invitee.
- viii. Each student will be responsible for his/her room and board fees, travel expenses; transportation costs; and all other necessary living expenses.
- ix. Each student will be responsible for drug screen and background check as required by the MEDICAL GROUP.
- x. UNIVERSITY will be responsible for ensuring student completes the appropriate approval process through FACILITY to be allowed to train with Medical Group, with subsequent notification via e-mail to the Medical Director of the Department to include an appropriate letter on FACILITY letterhead which states that the student has been approved to train with MEDICAL GROUP.

ARTICLE 3

ANNUAL ADDENDUM

Prior to the beginning of the Academic Year, the parties will complete the Addendum to Affiliation form, as attached hereto as Exhibit A. Which will identify the academic year, physical location of the practice, the number of students to be placed for the academic year and the relevant contact information. The signed and completed addenda will become part of this Agreement as if fully set-forth herein.

ARTICLE 4

CONFIDENTIALITY

In the course of educating students in an experiential environment, both the UNIVERSITY and MEDICAL GROUP may receive information, data, and materials relating to each other's personnel, methods and techniques, financial condition, customers, pricing, and marketing, which parties agree is confidential information. The UNIVERSITY and MEDICAL GROUP agree not to disclose confidential information to any third party.

ARTICLE 5

VENUE

This Agreement shall be governed by and construed in accordance with the laws of the State of West Virginia without regard to choice of law principles. The exclusive venue for disputes between the parties arising from or related to this Agreement shall be those courts of the State of West Virginia located in Cabell County, West Virginia.

ARTICLE 6

ASSIGNMENT

This Agreement and the rights and obligations hereunder may not be assigned by either party without the written consent of the other.

ARTICLE 7

SEVERABILITY

The provisions of this Agreement shall be considered severable such that if any provision hereof is determined to be invalid or unenforceable, the remaining provisions shall continue in full force and effect.

This Agreement is intended to supercede all prior agreements.

IN WITNESS WHEREOF, the undersigned parties do hereby bind themselves to the faithful performance of this Agreement.

Marshall University School of Medicine

Valley Emergency Physicians Ohio, LLC


Signature

Bob Miller MD
Printed Name

Vice Dean
Title

8-14-19
Date


Signature

Mitesh Patel
Printed Name

Asst. Secretary
Title

8/12/19
Date



PHYSICIAN ASSISTANT PROGRAM

**Affiliation Agreement for the Experiential Education of Students from
the Physician Assistant Program at Marshall University
Joan C Edwards School of Medicine**

This Affiliation Agreement is made and entered into by and between Marshall University on behalf of its Physician Assistant Program, a state of West Virginia institution of higher education hereinafter called the UNIVERSITY and Cabell Huntington Hospital, Inc., hereinafter called the FACILITY.

WHEREAS, the UNIVERSITY is principally located at 1 John Marshall Drive, Huntington, West Virginia, 25755 and

WHEREAS, the FACILITY is principally located at 1340 Hal Greer Blvd, Huntington, WV 25701 has the facilities, equipment, personnel, and services to provide experiential experiences.

WHEREAS, the parties desire to advance physician assistant education, and improve the quality of health care to patients in the Appalachian region, the state, and the nation; and

WHEREAS, it is deemed advisable and in the best interest of the parties to establish an affiliation for the purpose of carrying out these objectives.

NOW THEREFORE, in consideration of the mutual benefits, the parties hereto agree as follows:

ARTICLE 1

TERM

The original term of this Agreement is from May 1, 2022 through April 30, 2023.

Thereafter, this Agreement shall automatically renew on an annual basis (unless this Agreement is terminated as set forth below) without need of a written amendment to extend the term.

Either party may terminate the this Agreement at any time with or without cause by giving the other party ninety (90) days written notice to terminate; however, students assigned at FACILITY when termination notice is given shall be permitted to complete their current rotation at UNIVERSITY's option.

ARTICLE 2
RESPONSIBILITIES OF THE PARTIES

FACILITY will:

- i. Allow the use of its facilities for the education and training of physician assistant students who will be under the supervision of preceptors engaged by the UNIVERSITY who possess a valid physician assistant license or medical license and are credentialed to practice at the FACILITY.
- ii. Provide access for the students to patients and their medical records at FACILITY as part of their clinical training program, unless the patient requests to be excluded from the teaching programs.
- iii. Cooperate with the UNIVERSITY for the development of rotations and the components thereof.
- iv. Notify the UNIVERSITY immediately of any change in the status of accreditation or licensure.
- v. Acknowledge and agree that the students' education records and any personally identifiable information from such education records (collectively "Student Information") created by FACILITY and/or provided by the UNIVERSITY to FACILITY is subject to the confidentiality provisions of the federal Family Educational Rights and Privacy Act, 20 USC § 1232g, ("FERPA") and its implementing regulations (34 C.F.R. Part 99). Accordingly, FACILITY agrees not to disclose or re-disclose any Student Information to any other party without the prior written consent of the UNIVERSITY and the student(s) to whom the Student Information pertains unless the disclosure or re-disclosure falls under a FERPA exception allowing disclosure without the student(s)' consent. FACILITY also agrees to only use Student Information for the purpose(s) for which the Student Information was disclosed. For the purposes of this Agreement, pursuant to FERPA, UNIVERSITY hereby designates FACILITY as a UNIVERSITY official with a legitimate educational interest in the educational records of the Student(s) who participate in the Program to the extent that access to the records is required by FACILITY to carry out the Program. If FACILITY receives a court order, subpoena, or similar request for Student Information, FACILITY shall, to the extent permitted by law, notify the UNIVERSITY within two (2) business days of its receipt thereof, and reasonably cooperate with the UNIVERSITY in meeting the UNIVERSITY'S and/or FACILITY'S FERPA obligations in complying with or responding to such request, subpoena, and/or court order.
- vi. Request the removal of any student whom the FACILITY determines is not performing in accordance with its applicable administrative and patient care policies, procedures, rules, and/or regulations or who violates the confidentiality of patient information. Such request must be in writing, and must include a statement of the reason or reasons why FACILITY desires to have the student removed. Provided that; the FACILITY may immediately remove from the premises any student who poses an immediate threat or danger to personnel or to the quality of

- services, or for unprofessional behavior. The FACILITY will notify the appropriate office of the UNIVERSITY, in writing, if such an action is required and include a statement of the reason or reasons why FACILITY removed the student. The UNIVERSITY may terminate a student's participation when, in its sole discretion, further participation by the student would no longer be appropriate. The UNIVERSITY will notify the FACILITY if such action is required.
- vii. Maintain responsibility for the policies, procedures, and administrative guidelines to be used in the operation of FACILITY.
 - viii. Maintain authority and responsibility for care given to FACILITY's patients.
 - ix. Not be required to provide student with transportation.
 - x. Not discriminate against any employee, applicant or student participating in this program on the basis of race, color, national origin, ancestry, age, physical or mental disability, marital or family status, pregnancy, veteran status, service in the uniformed services (as defined in state and federal law), religion, creed, sex, sexual orientation, genetic information, gender identity, or gender expression or any other basis protected by law. Further, each party will make reasonable accommodations to assure accessibility to the Program for persons with disabilities in accordance with UNIVERSITY policy.
 - xi. Not compensate students for their time or activities while participating in any educational activities.
 - xii. Appoint a member of FACILITY's staff as the primary contact person to work with the UNIVERSITY in performance of this Agreement.
 - xiii. Encourage its staff to participate in the educational activities of the UNIVERSITY.
 - xiv. Participate, if requested by either party, in any annual program review activities of the UNIVERSITY, which are directed toward continuing improvement of experiential education.
 - xv. Provide orientation to the students of the UNIVERSITY, including FACILITIES relevant policies, procedures and local laws.
 - xvi. Evaluate and assess the performance of the student using the objectives and tools provided by the UNIVERSITY.

The UNIVERSITY will:

- i. Identify students that have completed academics appropriate to the level of training prior to assignment to the supervised experience. The Clinical Coordinator/course instructor for the department shall oversee the assignment of its students with mutual agreement of and advance

notice to the FACILITY. Provided that, placement shall be limited to ten students from an individual program placed simultaneously at FACILITY not located in the state of West Virginia.

- ii. Inform the student and faculty of the requirement to comply with the FACILITY's policies and procedures while in attendance at the FACILITY.
- iii. Prepare the student through the faculty and curriculum in order that they are able to benefit from their placement in the FACILITY.
- iv. Prepare the student through the faculty and curriculum that they understand the importance of confidentiality and the importance of complying with the Health Insurance and Portability Accountability Act (HIPAA).
- v. Maintain for students during the term of this Agreement and any extensions thereof:
 - a. General Liability Coverage, for personal or bodily injury and property damage, including Broad Form Endorsement, in combined single limit of not less than One Million Dollars (\$1,000,000) per occurrence.
 - b. Professional liability insurance in the amount of One Million Dollars (\$1,000,000) per claim on an occurrence basis.
- vi. UNIVERSITY will be responsible for planning and execution of educational program and curriculum.
- vii. No student, faculty or instructor is to be an agent, employee or servant of the FACILITY but shall be considered an invitee.
- viii. Each student will be responsible for his/her room and board fees, travel expenses; transportation costs; and all other necessary living expenses.
- ix. Each student will be responsible for drug screen and background check as required by the FACILITY. The current requirements of the FACILITY are set forth in Attachment 1, which is attached hereto and incorporated by reference.

ARTICLE 3

ANNUAL ADDENDUM

Prior to the beginning of the Academic Year, the parties will complete the Addendum to Affiliation form, as attached hereto as Exhibit A, which will identify the academic year, physical location of the practice, the number of students to be placed for the academic year and the relevant contact information. The signed and completed addenda will become part of this Agreement as if fully set-forth herein.

ARTICLE 4
CONFIDENTIALITY

In the course of educating students in an experiential environment, both the UNIVERSITY and FACILITY may receive information, data, and materials relating to each other's personnel, methods and techniques, financial condition, customers, pricing, and marketing, which parties agree is confidential information. The UNIVERSITY and FACILITY agree not to disclose confidential information to any third party.

ARTICLE 5
VENUE

This Agreement shall be governed by and construed in accordance with the laws of the State of West Virginia without regard to choice of law principles. The exclusive venue for disputes between the parties arising from or related to this Agreement shall be those courts of the State of West Virginia located in Cabell County, West Virginia.

ARTICLE 6
ASSIGNMENT

This Agreement and the rights and obligations hereunder may not be assigned by either party without the written consent of the other.

ARTICLE 7
SEVERABILITY

The provisions of this Agreement shall be considered severable such that if any provision hereof is determined to be invalid or unenforceable, the remaining provisions shall continue in full force and effect.

This Agreement is intended to supercede all prior agreements.

IN WITNESS WHEREOF, the undersigned parties do hereby bind themselves to the faithful performance of this Agreement.

Marshall University School of Medicine

Bob Miller MD
Signature

Bob Miller MD
Printed Name

Vice Dean
Title

7-26-19
Date

Cabell Huntington Hospital, Inc.

Kevin N. Fowler
Signature

Kevin N. Fowler
Printed Name

President & CEO
Title

8/16/19
Date

ATTACHMENT 1

1. All students and faculty members shall meet the following requirements before beginning their clinical training experiences at Cabell Huntington Hospital. If such information is provided in the form of a written statement from the educational institution or an attestation signed by students or faculty, Cabell Huntington Hospital reserves the right to request supporting evidence on either an individual basis or as part of a random audit to ensure compliance with these requirements:
 - a. A negative 10 panel urine drug screen dated within twelve (12) months prior to the commencement of the clinical training experience. For the purposes of these requirements, a negative drug screen would include positive results which have been validated for prescription medications.
 - b. A clear criminal background check (with no unresolved discrepancies) consisting of social security verification, Medicare integrity (OIG sanctions), state and county checks with check results dated within twelve (12) months prior to the commencement of the clinical training experience;
 - c. A statement that the student or faculty member is free of communicable disease;
 - d. Verification of immunization or antibody to rubella;
 - e. Verification of PPD testing documented within the last year. If positive, documentation of appropriate follow-up;
 - f. Verification of Varicella history;
 - g. Verification of immunization to measles (rubeola) if born in 1957 or later;
 - h. Verification of TdAP vaccination within the recommended time frame; and
 - i. Receipt of Hepatitis B vaccination or declination.
2. During flu season, Cabell Huntington Hospital requires that all employees, staff members, students and faculty either attest that they have received the flu vaccine or wear a mask at all times during their clinical experience at the Hospital.
3. Cabell Huntington Hospital reserves the right to modify these requirements at any time upon thirty (30) days prior written notice to the educational institution.

Effective June 1, 2017; revised October 9, 2017; revised February 14, 2018; revised July 8, 2019.

Request for Graduate Course Addition

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: School of Medicine

Dept/Division: PA Program

Alpha Designator/Number: PAS 659

☒ Graded ☐ CR/NC

Contact Person: Ginger Boles, MS PA-C

Phone: 304-629-1341

NEW COURSE DATA:

New Course Title: Orthopaedics

Alpha Designator/Number:

P A S 6 5 9

Title Abbreviation:

O r t h o p a e d i c s

PA

(Limit of 25 characters and spaces)

PA Orthopaedics

6H 10/1/19

Course Catalog Description:
(Limit of 30 words)

This rotation provides clinical instruction in orthopaedics in outpatient and inpatient settings.

This course
was approved
with a title
change.

Co-requisite(s): PAS 650,651,652,653,654,655

First Term to be Offered: Summer 2022

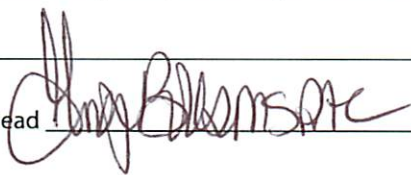
Prerequisite(s): completion 4th Semester

Credit Hours: Four

Course(s) being deleted in place of this addition (must submit course deletion form): n/a

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.


Dept. Chair/Division Head



Date

8/20/19

Registrar



510912

Date

8-21-19

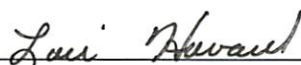
College Curriculum Chair



Date

8/26/19

Graduate Council Chair



Date

10/1/19

Request for Graduate Course Addition - Page 2

College: School of Medicine

Department/Division: PA Program

Alpha Designator/Number: PAS 659

Provide complete information regarding the new course addition for each topic listed below. Before routing this form, a complete syllabus also must be attached addressing the items listed on the first page of this form.

1. FACULTY: Identify by name the faculty in your department/division who may teach this course.

Course will be taught by Faculty in the PA program and/ or School of Medicine

2. DUPLICATION: If a question of possible duplication occurs, attach a copy of the correspondence sent to the appropriate department(s) describing the proposal. Enter "**Not Applicable**" if not applicable.

n/a

course duplication was addressed in Addition of Degree Application

3. REQUIRED COURSE: If this course will be required by another department(s), identify it/them by name. Enter "**Not Applicable**" if not applicable.

n/a

4. AGREEMENTS: If there are any agreements required to provide clinical experiences, attach the details and the signed agreement. Enter "**Not Applicable**" if not applicable.

see attached

5. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials to teach this course, attach an estimate of the time and money required to secure these items. (Note: Approval of this form does not imply approval for additional resources.) Enter "**Not Applicable**" if not applicable.

Course will be taught by PA faculty in the PA program and/or School of Medicine

6. COURSE OBJECTIVES: (May be submitted as a separate document)

see attached

Request for Graduate Course Addition - Page 3

7. COURSE OUTLINE (May be submitted as a separate document)

See attached

8. SAMPLE TEXT(S) WITH AUTHOR(S) AND PUBLICATION DATES (May be submitted as a separate document)

see attached

9. EXAMPLE OF INSTRUCTIONAL METHODS (Lecture, lab, internship)

see attached

Request for Graduate Course Addition - Page 4

10. EXAMPLE EVALUATION METHODS (CHAPTER, MIDTERM, FINAL, PROJECTS, ETC.)

see attached

11. ADDITIONAL GRADUATE REQUIREMENTS IF LISTED AS AN UNDERGRADUATE/GRADUATE COURSE

n/a

12. PROVIDE COMPLETE BIBLIOGRAPHY (May be submitted as a separate document)

See attached

Request for Graduate Course Addition - Page 5

Please insert in the text box below your course summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings):

Department:

Course Number and Title:

Catalog Description:

Prerequisites:

First Term Offered:

Credit Hours:

title change

Department: PA program

PA

Course Number and Title: PAS 659 Orthopaedics

Catalog Description: This rotation provides clinical instruction in Orthopaedics in outpatient and inpatient settings.

First Term Offered: Summer 2022

Credit Hours: Four



PHYSICIAN ASSISTANT PROGRAM

MUPA Program Orthopedics – PAS 659 Course Syllabus

Course Description

This rotation provides clinical instruction in orthopedics in outpatient and inpatient settings.

Credits

Four (4) credit hours

Prerequisites

Successful completion of the fourth semester of the Marshall University Physician Assistant Program.

Course Goals

- Cultivate competencies necessary for successful practice as a physician assistant in an orthopedic setting.
- Elevate skills in emotional intelligence, empathy, compassion, integrity, honesty, professionalism and cultural humility to be respectful and selfless in serving patient needs.
- Continue development of medical decision-making skills, through patient evaluation, diagnosis, and management.
- Mature interpersonal and communication skills in order to achieve effective patient counseling and education as well as effective interprofessional relationships.
- Develop pre-operative, intra-operative, and post-operative patient evaluation and management skills as it applies to orthopedic surgery.

Term/Year

Clinical Year 2022-2023

Class Meeting Days/Times

TBA

Location

TBA

Academic Calendar

For beginning, ending, and add/drop dates, see the [Marshall University Academic Calendar](http://www.marshall.edu/academic-calendar/) (URL:<http://www.marshall.edu/academic-calendar/>).

Course Director

Dean Wright, PA-C

Office TBA

Cell phone (304) 633 - 1366

Office hours TBA

Office phone (304) 691-6966

Email: wrightk@marshall.edu

Course Instructors

TBA

Required Texts and Materials

Crees, Z., Fritz, C., Heudebert, A., Noe, J., Rengarajan, A., & Wang, X. (Eds.). (2020). *The Washington manual of medical therapeutics, 36th ed.* Philadelphia, PA: Wolters Kluwer.

Fielding, A., & Lebowitz, H. (Eds.). (2019). *Current medical diagnosis & treatment, 58th ed.* New York, NY: McGraw-Hill.

*The Marshall University PA program has an online database of textbooks available to the students. The website for the online database is <http://accessmedicine.mhmedical.com>. Most textbooks used throughout the program will be available on Access Medicine.

Required Equipment

- Stethoscope
- White coat
- ID badge

Attire

Per the Marshall University Physician Assistant Program Policy.

Attendance/Participation Policy

Attendance is vital to understanding course content. It is mandatory for all lectures/clinical labs, and is a reflection of your commitment, dedication, and work ethic. Requests for excused absences must be submitted to the course director via email as soon as the circumstance arises. Failure to attend may affect your grade or require discussion with the course director.

Course Requirements

- Students are expected to attend and be on time for all scheduled lectures and learning activities.
- Students are expected to participate in all activities.
- Students are expected to be prepared for each lecture/learning activity by reading all assignments prior to the scheduled lecture/activity.
- Students are expected to clean up work area prior to leaving the classroom or laboratory.
- Completion of course & faculty evaluations. (see policy statement at the end of this syllabus)

Methodologies of Teaching and Student Assessment

Student attainment of expected learning outcomes is developed through experiential patient care exposure under the supervision of a clinical preceptor and through self-directed learning by students. Formative assessment of progress toward attaining the course learning outcomes, learning objectives and required patient encounters/exposures is conducted mid-rotation. Summative evaluation of course learning outcomes, learning objectives and assurance of attainment of patient encounters/exposures is conducted upon conclusion of the course via the following components.

The final grade will be determine by earned points/total points.

Component	% of Final Grade
Preceptor Evaluation	40%
End of Rotation Exam	30%
Patient Logs	15%
Assignment/s	10%
Professionalism Points	5%

Per the MUPA program policy, the following grading scale applies:

- A** – 89.5 - 100%
- B** – 79.5 - 89.4%
- C** – 69.5 - 79.4%
- F** – < 69.4 %

Student Learning Outcomes, Competencies, and Instructional Objectives

Student Learning Outcomes Upon successful completion of this clinical rotation, PA students will be able to:	ARC-PA Standards/Competencies	Instructional Objectives Upon successful completion of this clinical rotation, PA students will be able to:
Apply previously attained enabling competencies to the clinical setting, demonstrating competency in medical knowledge, patient care, and systems-based practice necessary for successful transition to PA practice.	B1.02, B1.03, B1.04, B1.06, B1.07, B2.03, B2.05, B2.06, B2.07, B2.10, B2.15, B3.02, B3.03 (MK), (PC), (SBP)	<ul style="list-style-type: none"> • Obtain an appropriate history and physical examination for each patient encounter and document/communicate the findings. • Identify admission criteria for each medical condition encountered. • Select and interpret orthopedic diagnostic and therapeutic modalities based on clinical presentation and cost effectiveness. • Synthesize the scientific, socioeconomic, and behavioral knowledge required to provide care for common medical conditions of the musculoskeletal system. • Propose an appropriate treatment plan. • Recognize disease presentations that deviate from common patterns and require complex decision-making. • Demonstrate basic technical skill for the completion of common procedures.
Demonstrate professional and respectful interactions with patients, caregivers and members of the interprofessional team.	B1.08, B2.04, B3.02, B3.09 (PC), (ICS), (P)	<ul style="list-style-type: none"> • Show empathy, compassion, and respect to all patients and caregivers in all situations. • Demonstrate responsiveness to patient needs that supersedes self-interest. • Appropriately modify care plan to account for a patient's unique characteristics and needs. • Incorporate patient-specific preferences into plan of care.

Student Learning Outcomes Upon successful completion of this clinical rotation, PA students will be able to:	ARC-PA Standards/ Competencies	Student Learning Outcomes Upon successful completion of this clinical rotation, PA students will be able to:
Identify personal areas of potential growth in clinical knowledge, through self-assessment following patient encounters.	B1.07, B3.02 (PBL)	<ul style="list-style-type: none"> Formulate appropriate clinical questions Perform thorough and fruitful search of the medical literature pertaining to the clinical questions formulated. Evaluate the validity and usefulness of medical literature search results. Identify quality improvement techniques. Request and utilize feedback from all members of the interprofessional team and from patients.
Demonstrate competency in interpersonal and communication skills with professionalism to provide patient-centered care.	B1.05, B1.08, B2.04, B2.09 (ICS), (PC), (P)	<ul style="list-style-type: none"> Utilizes effective communication and development of therapeutic relationships in routine and challenging situations. Demonstrates ability to quickly establish cross-cultural communications and therapeutic relationships with persons of diverse socioeconomic and cultural backgrounds. Engage in collaborative communication with all members of the patient care team. Documents succinct, relevant, and patient specific health records which are organized, accurate, and comprehensive.

Projection of Supervised Clinical Practice Encounters

The Marshall University Physician Assistant program understands that you will not encounter all conditions during your rotation. However, we believe it is plausible that you will encounter most of the conditions listed below. You should devote sufficient time to studying all conditions specific to Primary Care practice, in addition to discussing them with your preceptor.

Medical Conditions	# of Encounters
Osteoarthritis	10
Osteomyelitis	1
Avascular necrosis	2
Developmental dysplasia	1
Lower extremity dislocation/fractures	2

Medical Condition	# of Encounter
Lower extremity soft tissue sprain/strain	5
Osgood-Schlatter disease	2
Benign bone neoplasm	1
Malignant bone neoplasm	1
Fibromyalgia	2
Gout/pseudogout	2
Osteoporosis	5
Reactive arthritis	2
Rheumatoid arthritis	5
Herniated nucleus pulposus	1
Spinal stenosis	1
Sprain/strain of lower back	2
Upper extremity dislocation/fractures	1
Rotator cuff disorders	1
Carpal tunnel syndrome	2

Technical Skill	# of Encounters
Interpretation of laboratory studies	5
Joint aspiration/injection	5
Suturing	5
Surgical assist	5
Preoperative/postoperative care	5
Intubation (observe/perform)	2
Surgical instrument tray	2
Incision & drainage	5
Local anesthesia	5
Digital block	2
Ingrown toenail removal	2
Casting/splinting	5
Reduction of dislocations	2

Outline of Topics Covered on the End of Rotation Exam

At the conclusion of the Orthopedics rotation, the PA student will be expected to have a strong understanding of the presentation, examination, management, and prognosis of the following orthopedic conditions. The PA Program understands that you will not encounter in clinic all of the conditions on the list. However, you should devote sufficient time studying the conditions as well as discussing them with your preceptor in order to gain an understanding as described above.

ORTHOPEDICS

Chest wall deformities	Rib fracture
Compartment syndrome	Osteoarthritis
Osteomyelitis	Septic arthritis
Avascular necrosis	Developmental dysplasia
Lower extremity fractures/dislocations	Osgood-Schlatter disease
Slipped capital femoral epiphysis	Soft-tissue injuries
Benign bone neoplasm	Benign soft tissue neoplasms
Malignant bone neoplasms	Malignant soft tissue neoplasms
Fibromyalgia	Gout
Pseudogout	Juvenile rheumatoid arthritis
Osteoporosis	Polyarteritis nodosa
Polymyalgia rheumatic	Polymyositis
Reactive arthritis	Rheumatoid arthritis
Sjogren syndrome	Systemic lupus erythematosus
Systemic sclerosis (Scleroderma)	Ankylosing spondylitis
Cauda equine syndrome	Herniated nucleus pulposus
Kyphosis	Scoliosis
Spinal stenosis	Sprain/strain
Thoracic outlet syndrome	Torticollis
Trauma	Upper extremity fractures/dislocations
Rotator cuff tendinitis	Rotator cuff tear
Carpal tunnel syndrome	Peripheral neuropathy

ARC-PA Standards that Pertain to the Course

The Accreditation Review Commission on Education for the Physician Assistant is the accrediting agency that protects the interests of the public and physician assistant profession by defining the standards for physician assistant education and evaluating physician assistant educational programs within the territorial United States to ensure their compliance with those standards. The ARC-PA Standards, 4th ed., that are relevant to this course are listed below:

4th Ed. ARC-PA Standards (<http://www.arc-pa.org/accreditation/standards-of-accreditation/>)

- B1.01 – The curriculum *must* be consistent with the mission and goals of the program.
- B1.02 – The curriculum must include core knowledge about the established and evolving biomedical and clinical sciences and the application of this knowledge to patient care.
- B1.03 – The curriculum must be of sufficient breadth and depth to prepare the student for the clinical practice of medicine.
- B1.04 – The curriculum design *must* reflect sequencing that enables students to develop the *competencies* necessary for current and evolving clinical practice.
- B1.05 – The curriculum *must* include instruction about intellectual honesty and appropriate academic and professional conduct.
- B1.07 – The curriculum *must* include instruction related to the development of problem solving and medical decision-making skills.
- B1.08 – The curriculum *must* include instruction to prepare students to work collaboratively in

interprofessional patient centered teams.

- B2.03 – The program curriculum *must* include instruction in clinical medicine covering all organ systems.
- B2.04 – The program curriculum *must* include instruction in interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families and other health professionals.
- B2.05 – The program curriculum *must* include instruction in the patient evaluation, diagnosis, and management.
- B2.06 – The program curriculum *must* include instruction in the provision of clinical medical care across the lifespan.
- B2.07 – The program curriculum *must* include instruction in technical skills and procedures based on current professional practice.
- B2.09 – The program curriculum *must* include instruction in basic counseling and patient education skills.
- B2.10 – The program curriculum *must* include instruction to prepare students to search, interpret and evaluate the medical literature, including its application to individualized patient care.
- B3.01 – PA students *must* be clearly identified in the clinical setting to distinguish them from physicians, medical students and other health profession students and graduates.
- B3.02 – *Supervised clinical practice experiences must* enable all students to meet the program's *learning* outcomes expected of students to include preventive, emergent, acute, and chronic patient encounters.
- B3.03 – *Supervised clinical practice* experiences must enable all students to meet the program's *learning* outcomes expected of students for patients seeking:
 - a.) medical care across the life span to include, infants, children, adolescents, adults, and the elderly,
 - b.) women's health (to include prenatal and gynecologic care),
 - c.) care for conditions requiring surgical management, including pre-operative, intra-operative, post-operative care and
 - d.) care for behavioral and mental health conditions.
- B3.04 – *Supervised clinical practice experiences must* occur in the following settings:
 - a.) outpatient,
 - b.) emergency department,
 - c.) inpatient and
 - d.) operating room.
- B3.05 – *Instructional faculty* for the supervised clinical practice portion of the educational program *must* consist primarily of practicing physicians and PAs.
- B3.06 – *Supervised clinical practice experiences should* occur with:
 - a.) physicians who are specialty board certified in their area of instruction,
 - b.) PAs teamed with physicians who are specialty board certified in their area of instruction or
 - c.) other licensed health care providers experienced in their area of instruction.
- B3.07 – Supervised clinical practice experiences should occur with preceptors practicing in the following disciplines:
 - a.) family medicine,
 - b.) internal medicine,
 - c.) general surgery,

- d.) pediatrics,
- e.) ob/gyn and
- f.) behavioral and mental health care.

MUPA Program Competencies Relevant to this Course

Medical Knowledge (MK)

Graduates will demonstrate core knowledge about established and evolving biomedical and clinical sciences and the application of this knowledge to patient care. Graduates will apply the ability to use evidence-based medicine, and be able to synthesize areas of pathophysiology, patient presentation, differential diagnosis, patient management, surgical principles, health promotion and disease prevention to care for patients across the life span in culturally diverse populations and rural areas.

Interpersonal & Communication Skills (ICS)

Graduates will employ skills to work in inter-professional teams that will result in effective communication with patients, other health care professionals, and patient families. Graduates will be able to accurately document information they obtain with respect to medical, financial, legal, and accuracy purposes.

Patient Care (PC)

Graduates will demonstrate the ability to make decisions about diagnostic and therapeutic interventions based on patient preferences, current scientific evidence and informed clinical judgement. Graduates will be able to aim health services for patients on disease prevention, health maintenance and patient and family education.

Professionalism (P)

Graduates will demonstrate commitment to excellence in professional relationships and ongoing professional development (including lifelong learning). Physician assistants are expected to have a firm understanding of legal and regulatory requirements as well as the appropriate role of physician assistants in health care.

Practice-based Learning & Improvement (PBL)

Graduates will demonstrate the ability to critically analyze their practice in light of their experience, the medical literature and their own self-analysis and self-improvement.

Systems Based Practice (SBP)

Graduate will be prepared to practice cost effective health care and resource allocation that does not compromise patient care. Graduates will be able to discuss ways to partner with supervising/collaborating physicians and other health care professionals to improve the delivery and effectiveness of health care and patient outcomes.

University Policies

By enrolling in this course, you agree to the University Policies. Please read the full text of each policy (listed below) by going to [MU Academic Affairs: University Policies](http://www.marshall.edu/academic-affairs/university-policies/). (URL: <http://www.marshall.edu/academic-affairs/policies/>)

- Academic Dishonesty Policy
- Academic Dismissal Policy

- Academic Forgiveness Policy
- Academic Probation and Suspension Policy
- Affirmative Action Policy
- Inclement Weather Policy
- Sexual Harassment Policy
- Students with Disabilities (Policies and Procedures)
- University Computing Services Acceptable Use Policy

Marshall University E-Mail Accounts and Technology Assistance

You must have and use your MU email account. Your personal email accounts will not be used for official communication with Marshall University programs and personnel. You may redirect your MU email to your own personal email account, but you must sign in to your MU account to do that. Marshall University uses Office 365 email. For more information, visit [Marshall IT: Office 365](http://www.marshall.edu/it/office365/) (URL: <http://www.marshall.edu/it/office365/>).

For computer and browser requirements, see “Get Connected” and “Internet Browser” at [Student Resources: First Steps](#). See also [IT: Recommended Hardware](#) (URLs: <http://www.marshall.edu/muonline/student-resources/> and <http://www.marshall.edu/it/recommendations/>). To check your browsers, use the [Blackboard Browser Checker](#) and ensure that you set permissions properly and have all the necessary plug-ins. (URL: https://help.blackboard.com/Learn/Student/Getting_Started/Browser_Support/BrowserChecker)

- Students must be able to use Marshall Email, as well as the following tools in Blackboard: course messages, assignments, discussion board forums, tests, blogs, journals, wikis, and groups. Links to Blackboard Help and tutorials are available on the Start Here page and on the Tech Support tab in Blackboard. [Adobe Acrobat Reader](#) may be needed to read some files. This plug-in is available free. (URL: <https://get.adobe.com/reader/>) See the Tech Support tab in Blackboard for additional information and links.
- Students may be required to submit assignments as Microsoft Word documents (.docx), using the most recent Microsoft Office suite. Office 365 is available at no extra charge to students enrolled at MU. For information visit [Marshall IT: Office 365](#) (URL: <http://www.marshall.edu/it/office365/>).
- See the Tech Support tab in Blackboard for additional information on browsers, technology, and apps.

If you have technical problems, please contact one or more of the following:

- [Blackboard Support Center](#) (URL: <http://marshall.edusupportcenter.com>)
- [Marshall Information Technology \(IT\) Service Desk \(Help Desk\)](#) (URL: <http://www.marshall.edu/it/departments/it-service-desk/>)
Huntington: (304) 696-3200
- [Email the IT Service Desk](#) (itservicedesk@marshall.edu)

Technology and Technical Skill Requirement

- Students must be proficient in the use of computers, the Internet, browsers, Microsoft Office Word, and other common applications.

Course & Faculty Evaluations

Policy Statement Regarding Student Compliance with Course Evaluations: The Physician Assistant Program at Marshall University has a process to assess all aspects of the program. It is important to gain information from our PA students. By implementing a systematic method of collecting student feedback, appropriate PA program faculty, the Program Director, the Curriculum Committee and the Self-Assessment Committee are able to carefully review and respond to student course ratings to identify strengths and weaknesses and promote positive curricular change. Therefore, students are required to complete evaluations of all courses and rotations and their associated faculty/ preceptors. Students who do not to complete course/rotation evaluations within the established timeframe will receive one warning of the penalties for non-compliance. If the student still has not completed the evaluations within 48 hours of the warning, they will have written warning submitted to the Student Progress Committee for possible inclusion as part of their academic record. The PA Program also recognizes that repeated noncompliance is an issue of professional conduct. If noncompliance occurs in subsequent courses, the student will be required to meet with the Student Progress Committee.

Modifications in Course Syllabus Disclaimer

Every attempt has been made to provide a complete syllabus that provides an accurate overview of the course. However, circumstances and events may make it necessary for the instructor to modify the syllabus during the semester. This may depend, in part, on the progress, needs and experiences of the students.

Bibliography

Lee, D.M., & Schur, P.H. (2003). Clinical utility of the anti-CCP assay in patients with rheumatic disease. *Ann. Rheum. Dis.*, 62, 870-874. doi:10.1136/ard.62.9.870

Martel-Pelletier, J., et. al. (2019). A new decision tree for diagnosis of osteoarthritis in primary care: international consensus of experts. *Aging Clinical and Experimental Research*, 31, 19-30. doi:10.1017/s40520-018-1077-8

Morin, S.N., Lix, L.M., & Leslie, W.D. (2014). The importance of previous fracture site on osteoporosis diagnosis and incident fractures in women. *Journal of Bone and Mineral Research*, 29(7), 1675-1680. doi:10.1002/jbmr.2204

Vroomen, P.C.A.J., de Krom, M.C.T.F.M., & Knottnerus, J.A. (1999). Diagnostic value of history and physical examination in patients suspected of sciatica due to disc herniation: a systematic review. *Journal of Neurology*, 246(10), 899-906. doi:10.1007/s004150050480. PMID:10552236

Walitt, B., Nahin, R.L., Katz, R.S., Bergman, M.J., Wolfe, F. (2015). The prevalence and characteristics of fibromyalgia in the 2012 National Health Interview Study. *PLoS One*. doi:10.1371/journal.pone.0138024. PMID:26379048



PHYSICIAN ASSISTANT PROGRAM

**Affiliation Agreement for the Experiential Education of Students from
the Physician Assistant Program at Marshall University
Joan C Edwards School of Medicine**

This Affiliation Agreement is made and entered into by and between Marshall University on behalf of its Physician Assistant Program, a state of West Virginia institution of higher education hereinafter called the UNIVERSITY and Cabell Huntington Hospital, Inc., hereinafter called the FACILITY.

WHEREAS, the UNIVERSITY is principally located at 1 John Marshall Drive, Huntington, West Virginia, 25755 and

WHEREAS, the FACILITY is principally located at 1340 Hal Greer Blvd, Huntington, WV 25701 has the facilities, equipment, personnel, and services to provide experiential experiences.

WHEREAS, the parties desire to advance physician assistant education, and improve the quality of health care to patients in the Appalachian region, the state, and the nation; and

WHEREAS, it is deemed advisable and in the best interest of the parties to establish an affiliation for the purpose of carrying out these objectives.

NOW THEREFORE, in consideration of the mutual benefits, the parties hereto agree as follows:

ARTICLE 1

TERM

The original term of this Agreement is from May 1, 2022 through April 30, 2023.

Thereafter, this Agreement shall automatically renew on an annual basis (unless this Agreement is terminated as set forth below) without need of a written amendment to extend the term.

Either party may terminate the this Agreement at any time with or without cause by giving the other party ninety (90) days written notice to terminate; however, students assigned at FACILITY when termination notice is given shall be permitted to complete their current rotation at UNIVERSITY's option.

ARTICLE 2
RESPONSIBILITIES OF THE PARTIES

FACILITY will:

- i. Allow the use of its facilities for the education and training of physician assistant students who will be under the supervision of preceptors engaged by the UNIVERSITY who possess a valid physician assistant license or medical license and are credentialed to practice at the FACILITY.
- ii. Provide access for the students to patients and their medical records at FACILITY as part of their clinical training program, unless the patient requests to be excluded from the teaching programs.
- iii. Cooperate with the UNIVERSITY for the development of rotations and the components thereof.
- iv. Notify the UNIVERSITY immediately of any change in the status of accreditation or licensure.
- v. Acknowledge and agree that the students' education records and any personally identifiable information from such education records (collectively "Student Information") created by FACILITY and/or provided by the UNIVERSITY to FACILITY is subject to the confidentiality provisions of the federal Family Educational Rights and Privacy Act, 20 USC § 1232g, ("FERPA") and its implementing regulations (34 C.F.R. Part 99). Accordingly, FACILITY agrees not to disclose or re-disclose any Student Information to any other party without the prior written consent of the UNIVERSITY and the student(s) to whom the Student Information pertains unless the disclosure or re-disclosure falls under a FERPA exception allowing disclosure without the student(s)' consent. FACILITY also agrees to only use Student Information for the purpose(s) for which the Student Information was disclosed. For the purposes of this Agreement, pursuant to FERPA, UNIVERSITY hereby designates FACILITY as a UNIVERSITY official with a legitimate educational interest in the educational records of the Student(s) who participate in the Program to the extent that access to the records is required by FACILITY to carry out the Program. If FACILITY receives a court order, subpoena, or similar request for Student Information, FACILITY shall, to the extent permitted by law, notify the UNIVERSITY within two (2) business days of its receipt thereof, and reasonably cooperate with the UNIVERSITY in meeting the UNIVERSITY'S and/or FACILITY'S FERPA obligations in complying with or responding to such request, subpoena, and/or court order.
- vi. Request the removal of any student whom the FACILITY determines is not performing in accordance with its applicable administrative and patient care policies, procedures, rules, and/or regulations or who violates the confidentiality of patient information. Such request must be in writing, and must include a statement of the reason or reasons why FACILITY desires to have the student removed. Provided that; the FACILITY may immediately remove from the premises any student who poses an immediate threat or danger to personnel or to the quality of

- services, or for unprofessional behavior. The FACILITY will notify the appropriate office of the UNIVERSITY, in writing, if such an action is required and include a statement of the reason or reasons why FACILITY removed the student. The UNIVERSITY may terminate a student's participation when, in its sole discretion, further participation by the student would no longer be appropriate. The UNIVERSITY will notify the FACILITY if such action is required.
- vii. Maintain responsibility for the policies, procedures, and administrative guidelines to be used in the operation of FACILITY.
 - viii. Maintain authority and responsibility for care given to FACILITY's patients.
 - ix. Not be required to provide student with transportation.
 - x. Not discriminate against any employee, applicant or student participating in this program on the basis of race, color, national origin, ancestry, age, physical or mental disability, marital or family status, pregnancy, veteran status, service in the uniformed services (as defined in state and federal law), religion, creed, sex, sexual orientation, genetic information, gender identity, or gender expression or any other basis protected by law. Further, each party will make reasonable accommodations to assure accessibility to the Program for persons with disabilities in accordance with UNIVERSITY policy.
 - xi. Not compensate students for their time or activities while participating in any educational activities.
 - xii. Appoint a member of FACILITY's staff as the primary contact person to work with the UNIVERSITY in performance of this Agreement.
 - xiii. Encourage its staff to participate in the educational activities of the UNIVERSITY.
 - xiv. Participate, if requested by either party, in any annual program review activities of the UNIVERSITY, which are directed toward continuing improvement of experiential education.
 - xv. Provide orientation to the students of the UNIVERSITY, including FACILITIES relevant policies, procedures and local laws.
 - xvi. Evaluate and assess the performance of the student using the objectives and tools provided by the UNIVERSITY.

The UNIVERSITY will:

- i. Identify students that have completed academics appropriate to the level of training prior to assignment to the supervised experience. The Clinical Coordinator/course instructor for the department shall oversee the assignment of its students with mutual agreement of and advance

notice to the FACILITY. Provided that, placement shall be limited to ten students from an individual program placed simultaneously at FACILITY not located in the state of West Virginia.

- ii. Inform the student and faculty of the requirement to comply with the FACILITY's policies and procedures while in attendance at the FACILITY.
- iii. Prepare the student through the faculty and curriculum in order that they are able to benefit from their placement in the FACILITY.
- iv. Prepare the student through the faculty and curriculum that they understand the importance of confidentiality and the importance of complying with the Health Insurance and Portability Accountability Act (HIPAA).
- v. Maintain for students during the term of this Agreement and any extensions thereof:
 - a. General Liability Coverage, for personal or bodily injury and property damage, including Broad Form Endorsement, in combined single limit of not less than One Million Dollars (\$1,000,000) per occurrence.
 - b. Professional liability insurance in the amount of One Million Dollars (\$1,000,000) per claim on an occurrence basis.
- vi. UNIVERSITY will be responsible for planning and execution of educational program and curriculum.
- vii. No student, faculty or instructor is to be an agent, employee or servant of the FACILITY but shall be considered an invitee.
- viii. Each student will be responsible for his/her room and board fees, travel expenses; transportation costs; and all other necessary living expenses.
- ix. Each student will be responsible for drug screen and background check as required by the FACILITY. The current requirements of the FACILITY are set forth in Attachment 1, which is attached hereto and incorporated by reference.

ARTICLE 3

ANNUAL ADDENDUM

Prior to the beginning of the Academic Year, the parties will complete the Addendum to Affiliation form, as attached hereto as Exhibit A, which will identify the academic year, physical location of the practice, the number of students to be placed for the academic year and the relevant contact information. The signed and completed addenda will become part of this Agreement as if fully set-forth herein.

ARTICLE 4
CONFIDENTIALITY

In the course of educating students in an experiential environment, both the UNIVERSITY and FACILITY may receive information, data, and materials relating to each other's personnel, methods and techniques, financial condition, customers, pricing, and marketing, which parties agree is confidential information. The UNIVERSITY and FACILITY agree not to disclose confidential information to any third party.

ARTICLE 5
VENUE

This Agreement shall be governed by and construed in accordance with the laws of the State of West Virginia without regard to choice of law principles. The exclusive venue for disputes between the parties arising from or related to this Agreement shall be those courts of the State of West Virginia located in Cabell County, West Virginia.

ARTICLE 6
ASSIGNMENT

This Agreement and the rights and obligations hereunder may not be assigned by either party without the written consent of the other.

ARTICLE 7
SEVERABILITY

The provisions of this Agreement shall be considered severable such that if any provision hereof is determined to be invalid or unenforceable, the remaining provisions shall continue in full force and effect.

This Agreement is intended to supercede all prior agreements.

IN WITNESS WHEREOF, the undersigned parties do hereby bind themselves to the faithful performance of this Agreement.

Marshall University School of Medicine

Bob Miller MD
Signature

Bob Miller MD
Printed Name

Vice Dean
Title

7-26-19
Date

Cabell Huntington Hospital, Inc.

Kevin N. Fowler
Signature

Kevin N. Fowler
Printed Name

President & CEO
Title

8/16/19
Date

ATTACHMENT 1

1. All students and faculty members shall meet the following requirements before beginning their clinical training experiences at Cabell Huntington Hospital. If such information is provided in the form of a written statement from the educational institution or an attestation signed by students or faculty, Cabell Huntington Hospital reserves the right to request supporting evidence on either an individual basis or as part of a random audit to ensure compliance with these requirements:
 - a. A negative 10 panel urine drug screen dated within twelve (12) months prior to the commencement of the clinical training experience. For the purposes of these requirements, a negative drug screen would include positive results which have been validated for prescription medications.
 - b. A clear criminal background check (with no unresolved discrepancies) consisting of social security verification, Medicare integrity (OIG sanctions), state and county checks with check results dated within twelve (12) months prior to the commencement of the clinical training experience;
 - c. A statement that the student or faculty member is free of communicable disease;
 - d. Verification of immunization or antibody to rubella;
 - e. Verification of PPD testing documented within the last year. If positive, documentation of appropriate follow-up;
 - f. Verification of Varicella history;
 - g. Verification of immunization to measles (rubeola) if born in 1957 or later;
 - h. Verification of TdAP vaccination within the recommended time frame; and
 - i. Receipt of Hepatitis B vaccination or declination.
2. During flu season, Cabell Huntington Hospital requires that all employees, staff members, students and faculty either attest that they have received the flu vaccine or wear a mask at all times during their clinical experience at the Hospital.
3. Cabell Huntington Hospital reserves the right to modify these requirements at any time upon thirty (30) days prior written notice to the educational institution.

Effective June 1, 2017; revised October 9, 2017; revised February 14, 2018; revised July 8, 2019.

Request for Graduate Course Addition

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: School of Medicine

Dept/Division: PA Program

Alpha Designator/Number: PAS 660

☒ Graded ☐ CR/NC

Contact Person: Ginger Boles, MS PA-C

Phone: 304-629-1341

NEW COURSE DATA:

New Course Title: Clinical Elective

Alpha Designator/Number:

P A S 6 6 0

Title Abbreviation:

C l i n i c a l E l e c t i v e

PA

(Limit of 25 characters and spaces)

PA Clinical Elective

CH 10/1/19

Course Catalog Description:
(Limit of 30 words)

This rotation provides clinical instruction in the area of medicine related to the student's clinical or academic interest. Faculty approval is required.

Co-requisite(s): PAS 650,651,652,653,654,655

First Term to be Offered: Summer 2022

Prerequisite(s): completion 4th Semester

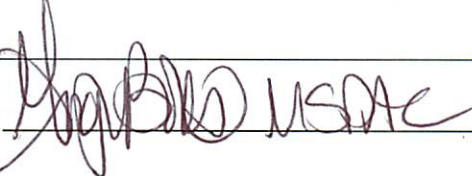
Credit Hours: Four

Course(s) being deleted in place of this addition (must submit course deletion form): n/a

This course
was approved
with a title
change

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head



Date

8-20-19

Registrar



510912

Date

8-21-19


College Curriculum Chair



Date

8/26/19

Graduate Council Chair



Date

10/1/19

Request for Graduate Course Addition - Page 2

College: School of Medicine

Department/Division: PA Program

Alpha Designator/Number: PAS 660

Provide complete information regarding the new course addition for each topic listed below. Before routing this form, a complete syllabus also must be attached addressing the items listed on the first page of this form.

1. FACULTY: Identify by name the faculty in your department/division who may teach this course.

Course will be taught by Faculty in the PA program and/ or School of Medicine

2. DUPLICATION: If a question of possible duplication occurs, attach a copy of the correspondence sent to the appropriate department(s) describing the proposal. Enter "**Not Applicable**" if not applicable.

n/a

course duplication was addressed in Addition of Degree Application

3. REQUIRED COURSE: If this course will be required by another department(s), identify it/them by name. Enter "**Not Applicable**" if not applicable.

n/a

4. AGREEMENTS: If there are any agreements required to provide clinical experiences, attach the details and the signed agreement. Enter "**Not Applicable**" if not applicable.

see attached

5. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials to teach this course, attach an estimate of the time and money required to secure these items. (Note: Approval of this form does not imply approval for additional resources.) Enter "**Not Applicable**" if not applicable.

Course will be taught by PA faculty in the PA program and/or School of Medicine

6. COURSE OBJECTIVES: (May be submitted as a separate document)

see attached

Request for Graduate Course Addition - Page 3

7. COURSE OUTLINE (May be submitted as a separate document)

See attached

8. SAMPLE TEXT(S) WITH AUTHOR(S) AND PUBLICATION DATES (May be submitted as a separate document)

see attached

9. EXAMPLE OF INSTRUCTIONAL METHODS (Lecture, lab, internship)

see attached

Request for Graduate Course Addition - Page 4

10. EXAMPLE EVALUATION METHODS (CHAPTER, MIDTERM, FINAL, PROJECTS, ETC.)

see attached

11. ADDITIONAL GRADUATE REQUIREMENTS IF LISTED AS AN UNDERGRADUATE/GRADUATE COURSE

n/a

12. PROVIDE COMPLETE BIBLIOGRAPHY (May be submitted as a separate document)

See attached

Request for Graduate Course Addition - Page 5

Please insert in the text box below your course summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings):

Department:

Course Number and Title:

Catalog Description:

Prerequisites:

First Term Offered:

Credit Hours:

Title change

Department: PA program

Course Number and Title: PAS 660 *PA Clinical Elective*

Catalog Description: This rotation provides clinical instruction in an area of medicine related to a student's clinical or academic interest. Faculty approval is required.

First Term Offered: Summer 2022

Credit Hours: Four



PHYSICIAN ASSISTANT PROGRAM

MUPA Program Clinical Elective – PAS 660 Course Syllabus

Course Description

This rotation provides clinical instruction in an area of medicine related to a student's clinical or academic interest. Faculty approval is required.

Credits

Four (4) credit hours

Prerequisites

Successful completion of the fourth semester of the Marshall University Physician Assistant Program.

Course Goals

- Cultivate competencies necessary for successful practice as a physician assistant in a primary care/urgent care setting.
- Elevate skills in emotional intelligence, empathy, compassion, integrity, honesty, professionalism and cultural humility to be respectful and selfless in serving patient needs.
- Continue development of medical decision-making skills, through patient evaluation, diagnosis, and management.
- Mature interpersonal and communication skills in order to achieve effective patient counseling and education as well as effective interprofessional relationships.
- Expand practice based learning and improvement techniques including documentation and coding skills.

Term/Year

Clinical Year 2022

Class Meeting Days/Times

TBA

Location

TBA

Academic Calendar

For beginning, ending, and add/drop dates, see the [Marshall University Academic Calendar](http://www.marshall.edu/academic-calendar/) (URL:<http://www.marshall.edu/academic-calendar/>).

Course Director

Dean Wright, PA-C

Office TBA

Cell phone (304) 633 - 1366

Office hours TBA

Office phone (304) 691-6966

Email: wrightk@marshall.edu

Required Texts and Materials

Crees, Z., Fritz, C., Heudebert, A., Noe, J., Rengarajan, A., & Wang, X. (Eds.). (2020). *The Washington manual of medical therapeutics, 36th ed.* Philadelphia, PA: Wolters Kluwer.

Fielding, A., & Lebowitz, H. (Eds.) (2019). *Current medical diagnosis & treatment, 58th ed.* New York, NY: McGraw-Hill.

Kasper, D.L., Fauci, A.S., Hauser, S.L., Longo, D.L., Jameson, J.L., & Loscalzo, J. (Eds.) (2016). *Harrison's manual of medicine, 19th ed.* New York, NY: McGraw-Hill.

*The Marshall University PA program has an online database of textbooks available to the students. The website for the online database is <http://accessmedicine.mhmedical.com>. Most textbooks used throughout the program can be found on the Access Medicine website.

Required Equipment

- Stethoscope
- White coat
- ID badge

Attire

Per the Marshall University Physician Assistant Program Policy.

Attendance/Participation Policy

Attendance is vital to understanding course content. It is mandatory for all lectures/clinical labs, and is a reflection of your commitment, dedication, and work ethic. Requests for excused absences must be submitted to the course director via email as soon as the circumstance arises. Failure to attend may affect your grade or require discussion with the course director.

Course Requirements

- Students are expected to attend and be on time for all scheduled lectures and learning activities.
- Students are expected to participate in all activities.
- Students are expected to be prepared for each lecture/learning activity by reading all assignments prior to the scheduled lecture/activity.
- Students are expected to clean up work area prior to leaving the classroom or laboratory.
- Completion of course & faculty evaluations. (See policy statement at the end of this syllabus).

Methodologies of Teaching and Student Assessment

Student attainment of expected learning outcomes is developed through experiential patient care exposure under the supervision of a clinical preceptor and through self-directed learning by students. Formative assessment of progress toward attaining the course learning outcomes, learning objectives and required patient encounters/exposures is conducted mid-rotation. Summative evaluation of course learning outcomes, learning objectives and assurance of attainment of patient encounters/exposures is conducted upon conclusion of the course via the following components.

The final grade will be determined by earned points/total points.

Component	% of Final Grade
Preceptor Evaluation	40%
End of Rotation Exam	30%
Patient Logs	15%
Assignment	10%
Professionalism Points	5%

Per the MUPA program policy, the following grading scale applies:

A – 89.5 - 100%

B – 79.5 - 89.4%

C – 69.5 - 79.4%

F – < 69.4 %

Student Learning Outcomes, Competencies, and Instructional Objectives

Student Learning Outcomes Upon successful completion of this clinical rotation, PA students will be able to:	ARC-PA Standards/ Competencies	Instructional Objectives Upon successful completion of this clinical rotation, PA students will be able to:
Apply previously attained enabling competencies to the clinical setting, demonstrating competency in medical knowledge, patient care, and systems-based practice necessary for successful transition to PA practice.	B1.02, B1.03, B1.04, B1.06, B1.07, B2.03, B2.05, B2.06, B2.07, B2.10, B2.15, B3.02, B3.03 (MK), (PC), (SBP)	<ul style="list-style-type: none"> • Obtain an appropriate history and physical examination for each patient encounter and document/communicate the findings. • Identify admission criteria for each medical condition encountered. • Select and interpret orthopedic diagnostic and therapeutic modalities based on clinical presentation and cost effectiveness. • Synthesize the scientific, socioeconomic, and behavioral knowledge required to provide care for common medical conditions of the musculoskeletal system. • Propose an appropriate treatment plan. • Recognize disease presentations that deviate from common patterns and require complex decision-making. • Demonstrate basic technical skill for the completion of common procedures.
Demonstrate professional and respectful interactions with patients, caregivers and members of the interprofessional team.	B1.08, B2.04, B3.02, B3.09 (PC), (ICS), (P)	<ul style="list-style-type: none"> • Show empathy, compassion, and respect to all patients and caregivers in all situations. • Demonstrate responsiveness to patient needs that supersedes self-interest. • Appropriately modify care plan to account for a patient's unique characteristics and needs. • Incorporate patient-specific preferences into plan of care.

Student Learning Outcomes Upon successful completion of this clinical rotation, PA students will be able to:	ARC-PA Standards/Competencies	Student Learning Outcomes Upon successful completion of this clinical rotation, PA students will be able to:
Identify personal areas of potential growth in clinical knowledge, through self-assessment following patient encounters.	B1.07, B3.02 (PBL)	<ul style="list-style-type: none"> • Formulate appropriate clinical questions • Perform thorough and fruitful search of the medical literature pertaining to the clinical questions formulated. • Evaluate the validity and usefulness of medical literature search results. • Identify quality improvement techniques. • Request and utilize feedback from all members of the interprofessional team and from patients.
Demonstrate competency in interpersonal and communication skills with professionalism to provide patient-centered care.	B1.05, B1.08, B2.04, B2.09 (ICS), (PC), (P)	<ul style="list-style-type: none"> • Utilizes effective communication and development of therapeutic relationships in routine and challenging situations. • Demonstrates ability to quickly establish cross-cultural communications and therapeutic relationships with persons of diverse socioeconomic and cultural backgrounds. • Engage in collaborative communication with all members of the patient care team. • Documents succinct, relevant, and patient specific health records which are organized, accurate, and comprehensive.

Projection of Supervised Clinical Practice Encounters

The Marshall University Physician Assistant program understands that you will not encounter all conditions during your rotation. However, we believe it is plausible that you will encounter most of the conditions listed below. You should devote sufficient time to studying all conditions specific to Primary Care practice, in addition to discussing them with your preceptor.

Medical Content Category	# of Encounters
Joint pain	10
Lower back pain	5
Fractures	2
Laceration	1
Burn	1
Chest pain	1
Palpitations	5
Headache	5
Fever	10
Lower extremity edema	2
STI	2
UTI	10
Gastroenteritis	10
Sports physical examination	5
Respiratory illness	10
Ear infection	5
Conjunctivitis	5
Cellulitis	5
Whiplash	2
Rash	5
Nephrolithiasis	2
Contact/allergic dermatitis	2

Technical Skills	# of Encounters
Ear lavage/cerumen impaction	2
Incision & Drainage	2
Laceration repair	2
Counseling/Giving sad or bad news	2
STI testing/pelvic exam	3
Diagnostic testing/imaging (plain film radiography, US, EKG)	10
Casting/splinting	10
SQ, IM injections	5
Wound care/burns	5
Subungal hematoma	3
Prescription writing	3
Documentation and coding	3

Outline of Topics Covered on the End of Rotation Exam

At the conclusion of the Urgent Care Clinical Elective rotation, the PA student will be expected to have a strong understanding of the presentation, examination, management, and prognosis of the following Urgent Care conditions. The PA Program understands that you will not encounter in clinic all of the conditions on the list. However, you should devote sufficient time studying the conditions as well as discussing them with your preceptor in order to gain an understanding as described above.

URGENT CARE

Osteoarthritis	Lower extremity edema
Back/neck pain	Urinary tract infection
Fracture	Sexually transmitted infection
Laceration	Nephrolithiasis
Superficial burns	Respiratory tract illness
Headaches	Ear pain/infection
Fever/hyperthermia	Conjunctivitis/pink eye
Palpitations	Cellulitis
Chest pain	Rash
Vomiting	Hives
Diarrhea	Poison ivy/oak/sumac
Mild abdominal pain/cramping	Sports physical examination

ARC-PA Standards that Pertain to the Course

The Accreditation Review Commission on Education for the Physician Assistant is the accrediting agency that protects the interests of the public and physician assistant profession by defining the standards for physician assistant education and evaluating physician assistant educational programs within the territorial United States to ensure their compliance with those standards. The ARC-PA Standards, 4th ed., that are relevant to this course are listed below:

4th Ed. ARC-PA Standards (<http://www.arc-pa.org/accreditation/standards-of-accreditation/>)

- B1.01 – The curriculum *must* be consistent with the mission and goals of the program.
- B1.02 – The curriculum must include core knowledge about the established and evolving biomedical and clinical sciences and the application of this knowledge to patient care.
- B1.03 – The curriculum must be of sufficient breadth and depth to prepare the student for the clinical practice of medicine.
- B1.04 – The curriculum design *must* reflect sequencing that enables students to develop the *competencies* necessary for current and evolving clinical practice.
- B1.05 – The curriculum *must* include instruction about intellectual honesty and appropriate academic and professional conduct.
- B1.07 – The curriculum *must* include instruction related to the development of problem solving and medical decision-making skills.
- B1.08 – The curriculum *must* include instruction to prepare students to work collaboratively in interprofessional patient centered teams.
- B2.03 – The program curriculum *must* include instruction in clinical medicine covering all organ systems.

- B2.04 – The program curriculum *must* include instruction in interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families and other health professionals.
- B2.05 – The program curriculum *must* include instruction in the patient evaluation, diagnosis, and management.
- B2.06 – The program curriculum *must* include instruction in the provision of clinical medical care across the lifespan.
- B2.07 – The program curriculum *must* include instruction in technical skills and procedures based on current professional practice.
- B2.09 – The program curriculum *must* include instruction in basic counseling and patient education skills.
- B2.10 – The program curriculum *must* include instruction to prepare students to search, interpret and evaluate the medical literature, including its application to individualized patient care.
- B3.01 – PA students *must* be clearly identified in the clinical setting to distinguish them from physicians, medical students and other health profession students and graduates.
- B3.02 – *Supervised clinical practice experiences must enable all students to meet the program's learning outcomes expected of students to include preventive, emergent, acute, and chronic patient encounters.*
 - B3.03 – *Supervised clinical practice experiences must enable all students to meet the program's learning outcomes expected of students for patients seeking:*
 - a.) medical care across the life span to include, infants, children, adolescents, adults, and the elderly,
 - b.) women's health (to include prenatal and gynecologic care),
 - c.) care for conditions requiring surgical management, including pre-operative, intra-operative, post-operative care and
 - d.) care for behavioral and mental health conditions.
- B3.04 – *Supervised clinical practice experiences must occur in the following settings:*
 - a.) outpatient,
 - b.) emergency department,
 - c.) inpatient and
 - d.) operating room.
- B3.05 - *Instructional faculty for the supervised clinical practice portion of the educational program must consist primarily of practicing physicians and PAs.*
- B3.06 – *Supervised clinical practice experiences should occur with:*
 - a.) physicians who are specialty board certified in their area of instruction,
 - b.) PAs teamed with physicians who are specialty board certified in their area of instruction or
 - c.) other licensed health care providers experienced in their area of instruction.
- B3.07 – *Supervised clinical practice experiences should occur with preceptors practicing in the following disciplines:*
 - a.) family medicine,
 - b.) internal medicine,
 - c.) general surgery,
 - d.) pediatrics,
 - e.) ob/gyn and
 - f.) behavioral and mental health care.

MUPA Program Competencies Relevant to this Course

Medical Knowledge (MK)

Graduates will demonstrate core knowledge about established and evolving biomedical and clinical sciences and the application of this knowledge to patient care. Graduates will apply the ability to use evidence-based medicine, and be able to synthesize areas of pathophysiology, patient presentation, differential diagnosis, patient management, surgical principles, health promotion and disease prevention to care for patients across the life span in culturally diverse populations and rural areas.

Interpersonal & Communication Skills (ICS)

Graduates will employ skills to work in inter-professional teams that will result in effective communication with patients, other health care professionals, and patient families. Graduates will be able to accurately document information they obtain with respect to medical, financial, legal, and accuracy purposes.

Patient Care (PC)

Graduates will demonstrate the ability to make decisions about diagnostic and therapeutic interventions based on patient preferences, current scientific evidence and informed clinical judgement. Graduates will be able to aim health services for patients on disease prevention, health maintenance and patient and family education.

Professionalism (P)

Graduates will demonstrate commitment to excellence in professional relationships and ongoing professional development (including lifelong learning). Physician assistants are expected to have a firm understanding of legal and regulatory requirements as well as the appropriate role of physician assistants in health care.

Practice-based Learning & Improvement (PBL)

Graduates will demonstrate the ability to critically analyze their practice in light of their experience, the medical literature and their own self-analysis and self-improvement.

Systems Based Practice (SBP)

Graduate will be prepared to practice cost effective health care and resource allocation that does not compromise patient care. Graduates will be able to discuss ways to partner with supervising/collaborating physicians and other health care professionals to improve the delivery and effectiveness of health care and patient outcomes.

University Policies

By enrolling in this course, you agree to the University Policies. Please read the full text of each policy (listed below) by going to MU Academic Affairs: University Policies. (URL:

<http://www.marshall.edu/academic-affairs/policies/>)

- Academic Dishonesty Policy
- Academic Dismissal Policy
- Academic Forgiveness Policy
- Academic Probation and Suspension Policy
- Affirmative Action Policy

- Inclement Weather Policy
- Sexual Harassment Policy
- Students with Disabilities (Policies and Procedures)
- University Computing Services Acceptable Use Policy

Marshall University E-Mail Accounts and Technology Assistance

You must have and use your MU email account. Your personal email accounts will not be used for official communication with Marshall University programs and personnel. You may redirect your MU email to your own personal email account, but you must sign in to your MU account to do that. Marshall University uses Office 365 email. For more information, visit [Marshall IT: Office 365](http://www.marshall.edu/it/office365/) (URL: <http://www.marshall.edu/it/office365/>).

For computer and browser requirements, see “Get Connected” and “Internet Browser” at [Student Resources: First Steps](#). See also [IT: Recommended Hardware](#) (URLs: <http://www.marshall.edu/muonline/student-resources/> and <http://www.marshall.edu/it/recommendations/>). To check your browsers, use the [Blackboard Browser Checker](#) and ensure that you set permissions properly and have all the necessary plug-ins. (URL: https://help.blackboard.com/Learn/Student/Getting_Started/Browser_Support/BrowserChecker)

- Students must be able to use Marshall Email, as well as the following tools in Blackboard: course messages, assignments, discussion board forums, tests, blogs, journals, wikis, and groups. Links to Blackboard Help and tutorials are available on the Start Here page and on the Tech Support tab in Blackboard. [Adobe Acrobat Reader](#) may be needed to read some files. This plug-in is available free. (URL: <https://get.adobe.com/reader/>) See the Tech Support tab in Blackboard for additional information and links.
- Students may be required to submit assignments as Microsoft Word documents (.docx), using the most recent Microsoft Office suite. Office 365 is available at no extra charge to students enrolled at MU. For information visit [Marshall IT: Office 365](#) (URL: <http://www.marshall.edu/it/office365/>).
- See the Tech Support tab in Blackboard for additional information on browsers, technology, and apps.

If you have technical problems, please contact one or more of the following:

- [Blackboard Support Center](#) (URL: <http://marshall.edusupportcenter.com>)
- [Marshall Information Technology \(IT\) Service Desk \(Help Desk\)](#) (URL: <http://www.marshall.edu/departments/it-service-desk/>)
Huntington: (304) 696-3200
- [Email the IT Service Desk](#) (itservicedesk@marshall.edu)

Technology and Technical Skill Requirement

- Students must be proficient in the use of computers, the Internet, browsers, Microsoft Office Word, and other common applications.

Course & Faculty Evaluations

Policy Statement Regarding Student Compliance with Course Evaluations: The Physician Assistant Program at Marshall University has a process to assess all aspects of the program. It is important to gain information from our PA students. By implementing a systematic method of collecting student feedback, appropriate PA program faculty, the Program Director, the Curriculum Committee and the Self-Assessment Committee are able to carefully review and respond to student course ratings to identify strengths and weaknesses and promote positive curricular change. Therefore, students are required to complete evaluations of all courses and rotations and their associated faculty/ preceptors. Students who do not to complete course/rotation evaluations within the established timeframe will receive one warning of the penalties for non-compliance. If the student still has not completed the evaluations within 48 hours of the warning, they will have written warning submitted to the Student Progress Committee for possible inclusion as part of their academic record. The PA Program also recognizes that repeated noncompliance is an issue of professional conduct. If noncompliance occurs in subsequent courses, the student will be required to meet with the Student Progress Committee.

Modifications in Course Syllabus Disclaimer

Every attempt has been made to provide a complete syllabus that provides an accurate overview of the course. However, circumstances and events may make it necessary for the instructor to modify the syllabus during the semester. This may depend, in part, on the progress, needs and experiences of the students.

Bibliography

Deyo, R.A., & Weinstein, J.N. (2001). Low back pain. *N. Engl. J. Med.*, 344(5), 363-70. doi:10.1056/NEJM200102013440508

Hollander, J.E., & Singer, A.J. (1999). Laceration management. *Annals of Emergency Medicine*, 34(3), 356-367. doi:10.1016/S0196-0644(99)70131-9

Iverson, G.L., Silverberg, N.D., Mannix, R., Maxwell, B.A., Atkins, J.E., Zafonte, R., & Berkner, P.D. (2015). Factors associated with concussion-like symptom reporting in high school athletes. *JAMA Pediatr.*, 169(12), 1132-1140. doi:10.1001/jamapediatrics.2015.2374

Maron, B.J., et al. (2015). Eligibility and disqualification recommendations for competitive athletes with cardiovascular abnormalities: Task force 2: preparticipation screening for cardiovascular disease in competitive athletes: A scientific statement from the American Heart Association and American College of Cardiology. *Circulation*, 132,(22), e267-272. doi:10.1161/CIR.0000000000000238

Rietveld, R.P., Riet, G.t., Bindels, P.J.E., Sloos, J.H., & van Weert, H.C.P.M. (1981). Predicting bacterial cause in infectious conjunctivitis: Cohort study on informativeness of combinations of signs and symptoms. *J. Pediatr.*, 98(4), 531-536. doi:10.1016/s0022-3476(81)80754-8

Zimetbaum, P., & Josephson, M.E. (1998). Evaluation of patients with palpitations. *N. Engl. J. Med.*, 338(19), 1369-1373. doi:10.1056/NEJM199805073381907



PHYSICIAN ASSISTANT PROGRAM

**Affiliation Agreement for the Experiential Education of Students from
the Physician Assistant Program at Marshall University
Joan C Edwards School of Medicine**

This Affiliation Agreement is made and entered into by and between Marshall University on behalf of its Physician Assistant Program, a state of West Virginia institution of higher education hereinafter called the UNIVERSITY and Cabell Huntington Hospital, Inc., hereinafter called the FACILITY.

WHEREAS, the UNIVERSITY is principally located at 1 John Marshall Drive, Huntington, West Virginia, 25755 and

WHEREAS, the FACILITY is principally located at 1340 Hal Greer Blvd, Huntington, WV 25701 has the facilities, equipment, personnel, and services to provide experiential experiences.

WHEREAS, the parties desire to advance physician assistant education, and improve the quality of health care to patients in the Appalachian region, the state, and the nation; and

WHEREAS, it is deemed advisable and in the best interest of the parties to establish an affiliation for the purpose of carrying out these objectives.

NOW THEREFORE, in consideration of the mutual benefits, the parties hereto agree as follows:

**ARTICLE 1
TERM**

The original term of this Agreement is from May 1, 2022 through April 30, 2023.

Thereafter, this Agreement shall automatically renew on an annual basis (unless this Agreement is terminated as set forth below) without need of a written amendment to extend the term.

Either party may terminate the this Agreement at any time with or without cause by giving the other party ninety (90) days written notice to terminate; however, students assigned at FACILITY when termination notice is given shall be permitted to complete their current rotation at UNIVERSITY's option.

ARTICLE 2
RESPONSIBILITIES OF THE PARTIES

FACILITY will:

- i. Allow the use of its facilities for the education and training of physician assistant students who will be under the supervision of preceptors engaged by the UNIVERSITY who possess a valid physician assistant license or medical license and are credentialed to practice at the FACILITY.
- ii. Provide access for the students to patients and their medical records at FACILITY as part of their clinical training program, unless the patient requests to be excluded from the teaching programs.
- iii. Cooperate with the UNIVERSITY for the development of rotations and the components thereof.
- iv. Notify the UNIVERSITY immediately of any change in the status of accreditation or licensure.
- v. Acknowledge and agree that the students' education records and any personally identifiable information from such education records (collectively "Student Information") created by FACILITY and/or provided by the UNIVERSITY to FACILITY is subject to the confidentiality provisions of the federal Family Educational Rights and Privacy Act, 20 USC § 1232g, ("FERPA") and its implementing regulations (34 C.F.R. Part 99). Accordingly, FACILITY agrees not to disclose or re-disclose any Student Information to any other party without the prior written consent of the UNIVERSITY and the student(s) to whom the Student Information pertains unless the disclosure or re-disclosure falls under a FERPA exception allowing disclosure without the student(s)' consent. FACILITY also agrees to only use Student Information for the purpose(s) for which the Student Information was disclosed. For the purposes of this Agreement, pursuant to FERPA, UNIVERSITY hereby designates FACILITY as a UNIVERSITY official with a legitimate educational interest in the educational records of the Student(s) who participate in the Program to the extent that access to the records is required by FACILITY to carry out the Program. If FACILITY receives a court order, subpoena, or similar request for Student Information, FACILITY shall, to the extent permitted by law, notify the UNIVERSITY within two (2) business days of its receipt thereof, and reasonably cooperate with the UNIVERSITY in meeting the UNIVERSITY'S and/or FACILITY'S FERPA obligations in complying with or responding to such request, subpoena, and/or court order.
- vi. Request the removal of any student whom the FACILITY determines is not performing in accordance with its applicable administrative and patient care policies, procedures, rules, and/or regulations or who violates the confidentiality of patient information. Such request must be in writing, and must include a statement of the reason or reasons why FACILITY desires to have the student removed. Provided that; the FACILITY may immediately remove from the premises any student who poses an immediate threat or danger to personnel or to the quality of

- services, or for unprofessional behavior. The FACILITY will notify the appropriate office of the UNIVERSITY, in writing, if such an action is required and include a statement of the reason or reasons why FACILITY removed the student. The UNIVERSITY may terminate a student's participation when, in its sole discretion, further participation by the student would no longer be appropriate. The UNIVERSITY will notify the FACILITY if such action is required.
- vii. Maintain responsibility for the policies, procedures, and administrative guidelines to be used in the operation of FACILITY.
 - viii. Maintain authority and responsibility for care given to FACILITY's patients.
 - ix. Not be required to provide student with transportation.
 - x. Not discriminate against any employee, applicant or student participating in this program on the basis of race, color, national origin, ancestry, age, physical or mental disability, marital or family status, pregnancy, veteran status, service in the uniformed services (as defined in state and federal law), religion, creed, sex, sexual orientation, genetic information, gender identity, or gender expression or any other basis protected by law. Further, each party will make reasonable accommodations to assure accessibility to the Program for persons with disabilities in accordance with UNIVERSITY policy.
 - xi. Not compensate students for their time or activities while participating in any educational activities.
 - xii. Appoint a member of FACILITY's staff as the primary contact person to work with the UNIVERSITY in performance of this Agreement.
 - xiii. Encourage its staff to participate in the educational activities of the UNIVERSITY.
 - xiv. Participate, if requested by either party, in any annual program review activities of the UNIVERSITY, which are directed toward continuing improvement of experiential education.
 - xv. Provide orientation to the students of the UNIVERSITY, including FACILITIES relevant policies, procedures and local laws.
 - xvi. Evaluate and assess the performance of the student using the objectives and tools provided by the UNIVERSITY.

The UNIVERSITY will:

- i. Identify students that have completed academics appropriate to the level of training prior to assignment to the supervised experience. The Clinical Coordinator/course instructor for the department shall oversee the assignment of its students with mutual agreement of and advance

notice to the FACILITY. Provided that, placement shall be limited to ten students from an individual program placed simultaneously at FACILITY not located in the state of West Virginia.

- ii. Inform the student and faculty of the requirement to comply with the FACILITY's policies and procedures while in attendance at the FACILITY.
- iii. Prepare the student through the faculty and curriculum in order that they are able to benefit from their placement in the FACILITY.
- iv. Prepare the student through the faculty and curriculum that they understand the importance of confidentiality and the importance of complying with the Health Insurance and Portability Accountability Act (HIPAA).
- v. Maintain for students during the term of this Agreement and any extensions thereof:
 - a. General Liability Coverage, for personal or bodily injury and property damage, including Broad Form Endorsement, in combined single limit of not less than One Million Dollars (\$1,000,000) per occurrence.
 - b. Professional liability insurance in the amount of One Million Dollars (\$1,000,000) per claim on an occurrence basis.
- vi. UNIVERSITY will be responsible for planning and execution of educational program and curriculum.
- vii. No student, faculty or instructor is to be an agent, employee or servant of the FACILITY but shall be considered an invitee.
- viii. Each student will be responsible for his/her room and board fees, travel expenses; transportation costs; and all other necessary living expenses.
- ix. Each student will be responsible for drug screen and background check as required by the FACILITY. The current requirements of the FACILITY are set forth in Attachment 1, which is attached hereto and incorporated by reference.

ARTICLE 3

ANNUAL ADDENDUM

Prior to the beginning of the Academic Year, the parties will complete the Addendum to Affiliation form, as attached hereto as Exhibit A, which will identify the academic year, physical location of the practice, the number of students to be placed for the academic year and the relevant contact information. The signed and completed addenda will become part of this Agreement as if fully set-forth herein.

ARTICLE 4
CONFIDENTIALITY

In the course of educating students in an experiential environment, both the UNIVERSITY and FACILITY may receive information, data, and materials relating to each other's personnel, methods and techniques, financial condition, customers, pricing, and marketing, which parties agree is confidential information. The UNIVERSITY and FACILITY agree not to disclose confidential information to any third party.

ARTICLE 5
VENUE

This Agreement shall be governed by and construed in accordance with the laws of the State of West Virginia without regard to choice of law principles. The exclusive venue for disputes between the parties arising from or related to this Agreement shall be those courts of the State of West Virginia located in Cabell County, West Virginia.

ARTICLE 6
ASSIGNMENT

This Agreement and the rights and obligations hereunder may not be assigned by either party without the written consent of the other.

ARTICLE 7
SEVERABILITY

The provisions of this Agreement shall be considered severable such that if any provision hereof is determined to be invalid or unenforceable, the remaining provisions shall continue in full force and effect.

This Agreement is intended to supercede all prior agreements.

IN WITNESS WHEREOF, the undersigned parties do hereby bind themselves to the faithful performance of this Agreement.

Marshall University School of Medicine

Bob Miller MD
Signature

Bob Miller MD
Printed Name

Vice Dean
Title

7.26.19
Date

Cabell Huntington Hospital, Inc.

Kevin N. Fowler
Signature

Kevin N. Fowler
Printed Name

President & CEO
Title

8/16/19
Date

ATTACHMENT 1

1. All students and faculty members shall meet the following requirements before beginning their clinical training experiences at Cabell Huntington Hospital. If such information is provided in the form of a written statement from the educational institution or an attestation signed by students or faculty, Cabell Huntington Hospital reserves the right to request supporting evidence on either an individual basis or as part of a random audit to ensure compliance with these requirements:
 - a. A negative 10 panel urine drug screen dated within twelve (12) months prior to the commencement of the clinical training experience. For the purposes of these requirements, a negative drug screen would include positive results which have been validated for prescription medications.
 - b. A clear criminal background check (with no unresolved discrepancies) consisting of social security verification, Medicare integrity (OIG sanctions), state and county checks with check results dated within twelve (12) months prior to the commencement of the clinical training experience;
 - c. A statement that the student or faculty member is free of communicable disease;
 - d. Verification of immunization or antibody to rubella;
 - e. Verification of PPD testing documented within the last year. If positive, documentation of appropriate follow-up;
 - f. Verification of Varicella history;
 - g. Verification of immunization to measles (rubeola) if born in 1957 or later;
 - h. Verification of TdAP vaccination within the recommended time frame; and
 - i. Receipt of Hepatitis B vaccination or declination.
2. During flu season, Cabell Huntington Hospital requires that all employees, staff members, students and faculty either attest that they have received the flu vaccine or wear a mask at all times during their clinical experience at the Hospital.
3. Cabell Huntington Hospital reserves the right to modify these requirements at any time upon thirty (30) days prior written notice to the educational institution.

Effective June 1, 2017; revised October 9, 2017; revised February 14, 2018; revised July 8, 2019.

Request for Graduate Course Addition

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: School of Medicine

Dept/Division: PA Program

Alpha Designator/Number: PAS 690

☒ Graded ☐ CR/NC

Contact Person: Ginger Boles, MS PA-C

Phone: 304-629-1341

NEW COURSE DATA:

New Course Title: Senior Seminar

Alpha Designator/Number:

P A S 6 9 0

Title Abbreviation:

S e n i o r S e m i n a r

(Limit of 25 characters and spaces)

Course Catalog Description:
(Limit of 30 words)

This course applies medical knowledge, interpersonal skills, patient care skills and professionalism learned in preparation for a student to enter clinical practice.

Co-requisite(s): none

First Term to be Offered: Spring 2023

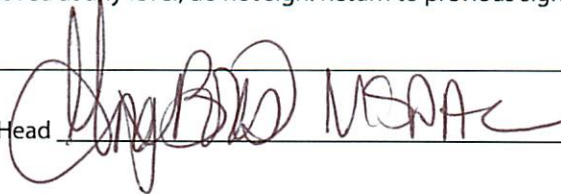
Prerequisite(s): completed assigned rotation

Credit Hours: Three

Course(s) being deleted in place of this addition (must submit course deletion form): n/a

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

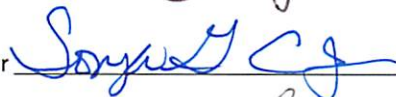
Dept. Chair/Division Head



Date

8/20/19

Registrar

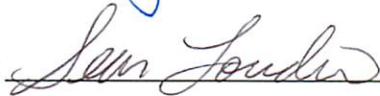


510912

Date

8-21-19

College Curriculum Chair



Date

8/26/19

Graduate Council Chair



Date

10/1/19

Request for Graduate Course Addition - Page 2

College: School of Medicine

Department/Division: PA Program

Alpha Designator/Number: PAS 690

Provide complete information regarding the new course addition for each topic listed below. Before routing this form, a complete syllabus also must be attached addressing the items listed on the first page of this form.

1. FACULTY: Identify by name the faculty in your department/division who may teach this course.

Course will be taught by Faculty in the PA program and/ or School of Medicine

2. DUPLICATION: If a question of possible duplication occurs, attach a copy of the correspondence sent to the appropriate department(s) describing the proposal. Enter "**Not Applicable**" if not applicable.

n/a

course duplication was addressed in Addition of Degree Application

3. REQUIRED COURSE: If this course will be required by another department(s), identify it/them by name. Enter "**Not Applicable**" if not applicable.

n/a

4. AGREEMENTS: If there are any agreements required to provide clinical experiences, attach the details and the signed agreement. Enter "**Not Applicable**" if not applicable.

see attached

5. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials to teach this course, attach an estimate of the time and money required to secure these items. (Note: Approval of this form does not imply approval for additional resources.) Enter "**Not Applicable**" if not applicable.

Course will be taught by PA faculty in the PA program and/or School of Medicine

6. COURSE OBJECTIVES: (May be submitted as a separate document)

see attached

Request for Graduate Course Addition - Page 3

7. COURSE OUTLINE (May be submitted as a separate document)

See attached

8. SAMPLE TEXT(S) WITH AUTHOR(S) AND PUBLICATION DATES (May be submitted as a separate document)

see attached

9. EXAMPLE OF INSTRUCTIONAL METHODS (Lecture, lab, internship)

see attached

Request for Graduate Course Addition - Page 4

10. EXAMPLE EVALUATION METHODS (CHAPTER, MIDTERM, FINAL, PROJECTS, ETC.)

see attached

11. ADDITIONAL GRADUATE REQUIREMENTS IF LISTED AS AN UNDERGRADUATE/GRADUATE COURSE

n/a

12. PROVIDE COMPLETE BIBLIOGRAPHY (May be submitted as a separate document)

See attached

Request for Graduate Course Addition - Page 5

Please insert in the text box below your course summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings):

Department:

Course Number and Title:

Catalog Description:

Prerequisites:

First Term Offered:

Credit Hours:

Department: PA program

Course Number and Title: PAS 690 Senior Seminar

Catalog Description: This course applies medical knowledge, interpersonal skills, patient care skills and professionalism learned in preparation for a student to enter clinical practice

First Term Offered: Spring 2023

Credit Hours: Three



PHYSICIAN ASSISTANT PROGRAM

MUPA Program Senior Seminar - PAS 690 Course Syllabus

Course Description

This course applies medical knowledge, interpersonal skills, patient care skills and professionalism learned in preparation for a student to enter clinical practice.

Credits

Three (3) credit hours

Prerequisites

Successful completion of rotations of the PA program

Course Goals

- Showcase competencies achieved through didactic and clinical rotations in medical knowledge, interpersonal and communication skills, patient care, professionalism, practice based learning and improvement, and systems based practice.
- Refine skills in leadership, teamwork, and as a member of an interprofessional health care team.
- Continue to improve upon skill in evaluation and management of patients through ongoing in-class and self-directed learning activities.

Term/Year

Spring Semester 2023

Class Meeting Days/Times

TBA

Location

TBA

Academic Calendar

For beginning, ending, and add/drop dates, see the [Marshall University Academic Calendar](http://www.marshall.edu/academic-calendar/) (URL: <http://www.marshall.edu/academic-calendar/>).

Course Director

Ginger Boles, MS PA/C

Office TBA

Cell phone 304—629-1341

Office hours TBA

Office phone 304-691-1979

Email : bolesg@marshall.edu

Course Instructors

TBA

Required and/or Recommended Texts and Materials

All textbooks required in the PA program are required for the Senior Seminar course.

Recommended/Optional Texts and Materials

All textbooks listed as recommended or optional in the program are recommended/ optional for the senior seminar.

Attire

Per Marshall University Physician Assistant program policy

Attendance/Participation Policy

Attendance is vital to understanding course content. It is mandatory for all lectures/clinical labs, and is a reflection of your commitment, dedication, and work ethic. Requests for excused absences must be submitted to the course director via email as soon as the circumstance arises. Failure to attend may affect your grade or require discussion with the course director.

Course Requirements

- Students are expected to attend and be on time for all scheduled lectures and learning activities.
- Students are expected to participate in all activities.
- Students are expected to be prepared for each lecture/learning activity by reading all assignments prior to the scheduled lecture/activity.
- Students are expected to clean their work area prior to leaving the classroom or laboratory.
- Students must complete course and faculty evaluations (see policy statement at the end of this syllabus).

Methodologies of Teaching and Student Assessment

Student attainment of expected learning outcomes will be practiced and achieved using various instructional and learning methods including: lecture, in-class discussion, independent learning, and/or video/audio/graphic illustrations. This is subject to variation throughout the course based upon instructor preferences and the needs of the students. Student achievement of learning outcomes will be assessed using: quizzes, examinations, and a cumulative final examination

*The final grade will be determined by earned points/total points. *

Component	% of Final Grade
Written comprehensive exam	30%
Sims lab experiential learning	15%
Problem-focused H&Ps	20%
OSCE exams	25%
Professionalism rubric	5%
Lectures/Attendance for activities	5%

Per the MUPA program policy, the following grading scale applies:

A – 89.5 – 100%

B – 79.5 – 89.4%

C – 69.5 - 79.4%

F – < 69.4 %

Student Learning Outcomes, Competencies, and Instructional Objectives

Student Learning Outcomes Upon successful completion of this course, PA students will be able to:	ARC-PA Standards/ Competencies	Instructional Objectives Upon successful completion of this course, PA students will be able to:
Illicit a comprehensive history, recognizing verbal and non-verbal cues from diverse patients across the lifespan.	B1.03, B1.04, B2.04 (ICS), (MK), (PBL)	<ul style="list-style-type: none"> List the components of a comprehensive health history. Describe content of each component. Identify information that may suggest possible pathology. Use effective communication skills to be sensitive to patient culture and diversity.
Perform a comprehensive physical examination.	B1.02, B2.05, B2.03, B2.04 (MK), (ICS), (PBL)	<ul style="list-style-type: none"> List components of comprehensive physical examination. Describe content of each component. Identify information that may suggest possible pathology.

Student Learning Outcomes Upon successful completion of this course, PA students will be able to:	ARC-PA Standards/Competencies	Instructional Objectives Upon successful completion of this course, PA students will be able to:
Communicate the findings of a comprehensive history and physical examination obtained on a standardized patient accurately, either verbally or in written format.	B1.03, B1.04, B1.06 (PBL), (ICS), (MK), (P)	<ul style="list-style-type: none"> • Illicit and communicate all historical information outlined as necessary during each standardized patient encounter. • Detail all physical examination findings outlined as necessary during each standardized patient encounter. • Demonstrate compassion and cultural sensitivity through effective communication skills during each standardized patient encounter.
Demonstrate appropriate technique in performing technical skills and procedures when warranted by clinical scenario, and interpret the results.	B2.07 (MK)	<ul style="list-style-type: none"> • Identify the equipment needed for any given procedure. • Operate equipment safely with patient safety of utmost importance. • Utilize anatomical landmarks correctly in placing equipment or tools for procedure. • Interpret data obtained to lead to appropriate diagnosis
Apply fundamentals in biomedical sciences to clinical medicine.	B1.02, B1.04, B2.02(c,e) (MK)	<ul style="list-style-type: none"> • Describe the various causes of diseases of all organ systems and how these are manifested in organ system dysfunction. • Explain the pathogenesis of major conditions in all organ systems. • Describe the genetic basis of selected diseases of all organ systems.

Student Learning Outcomes Upon successful completion of this course, PA students will be able to:	ARC-PA Standards/ Competencies	Instructional Objectives Upon successful completion of this course, PA students will be able to:
Recommend and interpret appropriate diagnostic and/or laboratory studies given a patient history and physical examination findings for diseases and/or disorders across the lifespan affecting endocrine, hematologic, immunologic, genitourinary, and gastrointestinal systems.	B1.02, B1.03, B1.04, B1.07, B2.03, B2.05, B2.06, B2.13 (MK), (PC), (SBP)	<ul style="list-style-type: none"> • Discuss the indications for initial and subsequent diagnostic and laboratory studies. • Describe the indications for preventative screening tests. • Identify the risks associated with diagnostic and laboratory studies. • Select appropriate diagnostic and/or laboratory studies given a patient history and physical examination findings. • Evaluate results of diagnostic and laboratory studies in correlation with given history and physical exam findings.
Students will be able to demonstrate effective interpersonal and communication skills that result in the effective exchange of information amongst the healthcare team, provider, patient, and be effective in interpersonal communication	B1.08, B1.05, (ICP), (P), (PBL), (SBP)	<ul style="list-style-type: none"> • Understand the roles and responsibilities of various healthcare professionals • Discuss the culture of health care • Develop verbal and nonverbal competencies • Discuss what professional conduct is and how it relates to the role of student PA's and practicing PA's
Students will understand the essentials of professionalism and the importance in healthcare.	B1.05 (P)	<ul style="list-style-type: none"> • Describe unacceptable professional behaviors. • Demonstrate professionalism as it relates to the PA profession. • Define academic honesty, integrity, reliability, responsibility, respect for others, self-awareness, acknowledgement of limitations, and altruism. • Discuss the importance of personal health and well-being, including appearance.

Student Learning Outcomes Upon successful completion of this course, PA students will be able to:	ARC-PA Standards/ Competencies	Instructional Objectives Upon successful completion of this course, PA students will be able to:
Students will explain issues in PA professional practice including billing and coding, patient safety, risk management, and regulations for PA practice	B2.13, B2.14, B2.15 (P)	<ul style="list-style-type: none"> Integrate coding and billing practices in mock scenarios in patient care Apply appropriate patient safety and risk management principles to patient care Self-evaluate their progress with credentialing, licensure, NCCPA board examination schedule

Schedule of Activities/ Assignments/Testing

W e e k	T i m e	Monday	Tuesday	Wednesday	Thursday	Friday
1	A M	Cardiology Faculty & guest lectures	Gastrointestinal Faculty & guest lectures	Reproductive Faculty & guest lectures	ENOT & Psychiatry Faculty & guest lectures	GU & Renal Faculty & guest lectures
	P M	1. Skills lab practice 2. Advisor appointments	Pulmonology Faculty & guest lectures	Neurology & Endocrine Faculty & guest lectures	Derm, Hemat, & Infect. Dz Faculty & guest lectures	Musculoskeletal Faculty & guest lectures
2	A M	1. Professional Issues Lecture 2. Credentialing Review 3. Malpractice Review	Written Comprehensive Exam	Billing/Coding Lecture	Problem-focused H&P Oral presentations	Professional Issues Lecture
	P M	SIMS LAB	1. Skills lab – instruction & practice 2. Advisor appointments	1. Skills lab – instruction & practice 2. Advisor appointments	Problem-focused H&P Oral presentations	1. Skills lab – instruction & practice 2. Advisor appointments
3	A M	OSCE Exams	OSCE Exams	Remediation	Remediation	Remediation
	P M	OSCE Exams	OSCE Exams		Reception	

ARC-PA STANDARDS THAT PERTAIN TO THE COURSE

The Accreditation Review Commission on Education for the Physician Assistant is the accrediting agency that protects the interests of the public and physician assistant profession by defining the standards for physician assistant education and evaluating physician assistant educational programs within the territorial United States to ensure their compliance with those standards. The ARC-PA Standards, 4th ed. that are relevant to this course are listed below:

4th Ed. ARC-PA Standards (<http://www.arc-pa.org//accreditation/standards-of-accreditation/>)

- B1.02 - The curriculum must include core knowledge about established and evolving biomedical and clinical sciences and the application of this knowledge to patient care.
- B1.03 - The curriculum must be of sufficient breadth and depth to prepare the student for the clinical practice of medicine.
- B1.04 - The curriculum design must reflect sequencing that enables students to develop the competencies necessary for current and evolving clinical practice.
- B1.05 - The curriculum must include instruction about intellectual honesty and appropriate academic and professional conduct
- B1.06 - The program must include instruction to prepare students to provide medical care to patients from diverse populations.
- B1.07 - The curriculum must include instruction related to the development of problem solving and medical decision making skills
- B1.08 - The curriculum must include instruction to prepare students to work collaboratively in interprofessional patient centered teams
- B2.02 - The program must include instruction in the following areas of applied medical sciences and their application in clinical practice
 - a) anatomy
 - b) physiology
 - c) pathophysiology
 - d) pharmacology and pharmacotherapeutics
 - e) the genetic and molecular mechanisms of health and disease
- B2.03 - The program curriculum must include instruction in clinical medicine covering all organ systems.
- B2.04 - The program curriculum must include instruction in interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families and other health professionals.
- B2.05 - The program curriculum must include instruction in patient evaluation, diagnosis and management.
- B2.06 - The program curriculum must include instruction in the provision of clinical medical care across the life span.
- B2.07 - The program curriculum must include instruction in technical skills and procedures based on current professional practice.
- B2.08 - The program curriculum must include instruction in the social and behavioral sciences as well as normal and abnormal development across the life span.
- B2.09 - The program must include instruction in basic counseling and patient education skills.
- B2.11 - The program curriculum must include instruction in health care delivery systems and health policy
- B2.13 - The program curriculum must include instruction in patient safety, quality improvement, prevention of medical errors and risk management.

- B2.14 - The program curriculum must include instruction about PA licensure, credentialing, and laws and regulations regarding professional practice
- B2.15 - The program curriculum must include instruction regarding reimbursement, documentation of care, coding and billing

MUPA Competencies Relevant to this Course

Medical Knowledge (MK)

Graduates will demonstrate core knowledge about established and evolving biomedical and clinical sciences and the application of this knowledge to patient care. Graduates will apply the ability to use evidence based medicine, and be able to synthesize areas of pathophysiology, patient presentation, differential diagnosis, patient management, surgical principles, health promotion and disease prevention to care for patients across the life span in culturally diverse populations and rural areas.

Interpersonal & Communication Skills (ICS)

Graduates will employ skills to work in interprofessional teams that will result in effective communication with patients, other health care professionals, and patient families. Graduates will be able to accurately document information they obtain with respect to medical, financial, legal, and accuracy purposes.

Patient Care (PC)

Graduates will demonstrate the ability to make decisions about diagnostic and therapeutic interventions based on patient preferences, current scientific evidence and informed clinical judgement. Graduates will be able to aim health services for patients on disease prevention, health maintenance and patient and family education.

Professionalism (P)

Graduates will demonstrate commitment to excellence in professional relationships and on-going professional development (including lifelong learning). Physician assistants are expected to have a firm understanding of legal and regulatory requirements as well as the appropriate role of physician assistants in health care.

Practice –based learning & Improvement (PBL)

Graduates will demonstrate the ability to critically analyze their practice in light of their experience, the medical literature and their own self – analysis and self – improvement.

Systems Based Practice

Graduates will be prepared to practice cost effective health care and resource allocation that does not compromise patient care. Graduates will be able to discuss ways to partner with supervising/ collaborating physicians and other health care professionals to improve the delivery and effectiveness of health care and patient outcomes.

University Policies

By enrolling in this course, you agree to the University Policies. Please read the full text of each policy (listed below) by going to MU Academic Affairs: University Policies. (URL: <http://www.marshall.edu/academic-affairs/policies/>)

- Academic Dishonesty Policy
- Academic Dismissal Policy
- Academic Forgiveness Policy

- Academic Probation and Suspension Policy
- Affirmative Action Policy
- Inclement Weather Policy
- Sexual Harassment Policy
- Students with Disabilities (Policies and Procedures)
- University Computing Services Acceptable Use Policy

Marshall University E-Mail Accounts and Technology Assistance

You must have and use your MU email account. Your personal email accounts will not be used for official communication with Marshall University programs and personnel. You may redirect your MU email to your own personal email account, but you must sign in to your MU account to do that. Marshall University uses Office 365 email. For more information, visit [Marshall IT: Office 365](http://www.marshall.edu/it/office365/) (URL: <https://www.marshall.edu/it/office365/>).

For computer and browser requirements, see "Get Connected" and "Internet Browser" at [Student Resources: First Steps](http://www.marshall.edu/muonline/student-resources/). See also [IT: Recommended Hardware](http://www.marshall.edu/it/recommendations/) (URLs: <http://www.marshall.edu/muonline/student-resources/> and <http://www.marshall.edu/it/recommendations/>). To check your browsers, use the [Blackboard Browser Checker](https://help.blackboard.com/Learn/Student/Getting_Started/Browser_Support/BrowserChecker) and ensure that you set permissions properly and have all the necessary plug-ins. (URL: https://help.blackboard.com/Learn/Student/Getting_Started/Browser_Support/BrowserChecker)

- Students must be able to use Marshall Email, as well as the following tools in Blackboard: course messages, assignments, discussion board forums, tests, blogs, journals, wikis, and groups. Links to Blackboard Help and tutorials are available on the Start Here page and on the Tech Support tab in Blackboard. [Adobe Acrobat Reader](https://get.adobe.com/reader/) may be needed to read some files. This plug-in is available free. (URL: <https://get.adobe.com/reader/>) See the Tech Support tab in Blackboard for additional information and links.
- Students may be required to submit assignments as Microsoft Word documents (.docx), using the most recent Microsoft Office suite. Office 365 is available at no extra charge to students enrolled at MU. For information visit [Marshall IT: Office 365](http://www.marshall.edu/it/office365/) (URL: <http://www.marshall.edu/it/office365/>).
- See the Tech Support tab in Blackboard for additional information on browsers, technology, and apps.

If you have technical problems, please contact one or more of the following:

- [Blackboard Support Center](http://marshall.edusupportcenter.com) (URL: <http://marshall.edusupportcenter.com>)
- [Marshall Information Technology \(IT\) Service Desk \(Help Desk\)](http://www.marshall.edu/it/departments/it-service-desk/) (URL: <http://www.marshall.edu/it/departments/it-service-desk/>)
Huntington: (304) 696-3200
- [Email the IT Service Desk](mailto:itservicedesk@marshall.edu) (itservicedesk@marshall.edu)

Technology and Technical Skill Requirement

- Students must be proficient in the use of computers, the Internet, browsers, Microsoft Office Word, and other common applications.

Course and Faculty Evaluations

Policy Statement Regarding Student Compliance with Course Evaluations: The Physician Assistant program at Marshall University has a process to assess all aspects of the program. It is important to gain

information from our PA students. By implementing a systematic method of collecting student feedback, appropriate PA program faculty, the Program Director, the Curriculum Committee and the Self-Assessment Committee are able to carefully review and respond to student course ratings to identify strengths and weaknesses and promote positive curricular change. Therefore, students are required to complete evaluations of all courses and rotations and their associated faculty/preceptors. Students who do not to complete course/rotation evaluations within the established timeframe will receive one warning of the penalties for non-compliance. If the student still has not completed the evaluations within 48 hours of the warning, they will have a written warning submitted to the Student Progress Committee for possible inclusion as part of their academic record. The PA program also recognizes that repeated noncompliance is an issue of professional conduct. If noncompliance occurs in subsequent courses, the student will be required to meet with the Student Progress Committee.

Modifications in Course Syllabus Disclaimer

Every attempt is made to provide a complete syllabus that provides an accurate overview of the course. However, circumstances and events may make it necessary for the instructor to modify the syllabus during the semester. This may depend, in part, on the progress, needs and experiences of the students.

Bibliography

Degreef I. (2016). Collagenase Treatment in Dupuytren Contractures: A Review of the Current State Versus Future Needs. *Rheumatology and therapy*, 3(1), 43–51. doi:10.1007/s40744-016-0027-1

Li, D. G., Xia, F. D., Khosravi, H., Dewan, A. K., Pallin, D. J., Baugh, C. W., ... Mostaghimi, A. (2018). Outcomes of Early Dermatology Consultation for Inpatients Diagnosed With Cellulitis. *JAMA dermatology*, 154(5), 537–543. doi:10.1001/jamadermatol.2017.6197

Testerman, T. L., & Morris, J. (2014). Beyond the stomach: an updated view of *Helicobacter pylori* pathogenesis, diagnosis, and treatment. *World journal of gastroenterology*, 20(36), 12781–12808. doi:10.3748/wjg.v20.i36.12781

Unemo, M., & Shafer, W. M. (2014). Antimicrobial resistance in *Neisseria gonorrhoeae* in the 21st century: past, evolution, and future. *Clinical microbiology reviews*, 27(3), 587–613. doi:10.1128/CMR.00010-14

Zakrotsky, P., Thai, W. E., Deaño, R. C., Basnet, S., Onandia, Z. G., Gandhi, S., ... Truong, Q. A. (2015). Steroid exposure, acute coronary syndrome, and inflammatory bowel disease: insights into the inflammatory milieu. *The American journal of medicine*, 128(3), 303–311. doi:10.1016/j.amjmed.2014.10.033