

## Physician Assistant Student Learning Outcomes and Competencies

The PA program strives to educate future PAs to be competent, compassionate, professional life-long learners of medicine. As such, the program has identified seven program learning outcomes (PLO) as well as forty-five associated entry level PA competency measures (COMP). The learning outcomes and competencies were developed based on standards published by the National Commission on the Certification of Physician Assistants, the American Academy of Physician Assistants and the Physician Assistant Education Association.

As such, upon completion of the program, the entry-level PA graduate will successfully demonstrate the knowledge, skills and professional attributes defined by the **program learning outcomes (PLO) and associated competencies (COMP)**.

Program Learning Outcome (PLO)	Competency Measures (COMP)		ARC-PA Standard(s); 5 <sup>th</sup> Edition	Summative Assessment Method (B4.03)
<b>1. Demonstrate a foundation of <u>medical knowledge</u> by applying biomedical, clinical and social sciences to patient care. (MK)</b>	1.1	Demonstrate knowledge and application of basic sciences	B1.01, B2.02	<ul style="list-style-type: none"> <li>Summative Exam (Multiple Choice/ExamSoft)</li> <li>Student 360° Evaluation (Self, Preceptor, Peer and Faculty Input)</li> </ul>
	1.2	Describe etiologies, risk factors, underlying pathologic process, and epidemiology for medical conditions	B1.01, B2.02, B2.03, B2.05, B2.07, B2.08, B2.11	<ul style="list-style-type: none"> <li>Summative Exam (Multiple Choice/ExamSoft)</li> <li>Student 360° Evaluation (Self, Preceptor, Peer and Faculty Input)</li> </ul>
	1.3	Identify signs and symptoms of medical conditions	B1.01, B2.03, B2.05, B2.07, B2.08	<ul style="list-style-type: none"> <li>Summative Exam (Multiple Choice/ExamSoft)</li> <li>Student 360° Evaluation (Self, Preceptor, Peer and Faculty Input)</li> </ul>
	1.4	Select and interpret appropriate diagnostic or lab studies	B1.01, B2.03, B2.05, B2.07, B2.08	<ul style="list-style-type: none"> <li>Summative Exam (Multiple Choice/ExamSoft)</li> <li>Student 360° Evaluation (Self, Preceptor, Peer and Faculty Input)</li> </ul>
	1.5	Differentiate between normal and abnormal states of health	B1.01, B2.02, B2.03, B2.05, B2.07, B2.08	<ul style="list-style-type: none"> <li>Summative Exam (Multiple Choice/ExamSoft)</li> <li>Student 360° Evaluation (Self, Preceptor, Peer and Faculty Input)</li> </ul>
	1.6	Know the indications, contraindications, side effects, interactions and adverse reactions of pharmacologic agents and other diagnostic and/or treatment modalities	B1.01, B2.02, B2.03, B2.05, B2.07, B2.08	<ul style="list-style-type: none"> <li>Summative Exam (Multiple Choice/ExamSoft)</li> <li>Student 360° Evaluation (Self, Preceptor, Peer and Faculty Input)</li> </ul>
<b>2. Exhibit <u>interpersonal and communication skills</u> that result in effective information exchange with</b>	2.1	Create and sustain therapeutic relationships with patients	B1.01, B2.04, B2.06, B2.07, B2.08, B2.11, B2.12, B2.12	<ul style="list-style-type: none"> <li>OSLERS</li> </ul>
	2.2	Communicate effectively with patients, families, and other members of the health care team	B1.01, B2.04, B2.06, B2.08, B2.10, B2.11, B2.12	<ul style="list-style-type: none"> <li>OSLERS</li> <li>IPE Grand Rounds Presentation</li> </ul>

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patients, patient's families, and other healthcare professionals. (IPC)				<ul style="list-style-type: none"> <li>Final H&amp;Ps</li> </ul>
	2.3	Demonstrate emotional resilience and stability, adaptability, flexibility, and tolerance of ambiguity, change and stressful situations	B1.01, B2.04, B2.09	<ul style="list-style-type: none"> <li>Post Clinical Year EQ-I Reflection Paper</li> </ul>
	2.4	Participate in difficult conversations with patients, families and other members of the health care team	B1.01, B2.04, B2.06, B2.08, B2.10, B2.11, B2.12	<ul style="list-style-type: none"> <li>OSLERS</li> </ul>
	2.5	Provide an effective oral case presentation to physicians and colleagues	B1.01, B2.04, B2.09, B2.10	<ul style="list-style-type: none"> <li>OSCE</li> </ul>
	2.6	Document effectively and accurately in the medical record	B1.01, B2.04, B2.09, B2.14	<ul style="list-style-type: none"> <li>Final H&amp;P, Progress Note, Discharge Summary</li> </ul>
3. Provide <u>patient care</u> that is compassionate, appropriate, and effective for the treatment of medical problems and the promotion of health. (PC)	3.1	Obtain an accurate comprehensive and problem-focused history	B1.01, B2.03, B2.04, B2.05, B2.06, B2.07, B2.08, B2.09, B2.11	<ul style="list-style-type: none"> <li>OSLERS</li> <li>Student 360° Evaluation (Self, Preceptor, Peer and Faculty Input)</li> </ul>
	3.2	Conduct an accurate comprehensive and problem-focused physical exam	B1.01, B2.03, B2.05, B2.06, B2.07, B2.08, B2.09, B2.11	<ul style="list-style-type: none"> <li>OSLERS</li> <li>Student 360° Evaluation (Self, Preceptor, Peer and Faculty Input)</li> </ul>
	3.3	Generate a differential diagnosis, for acute, chronic, and emergent conditions in infants, children, adolescents, adults and geriatric patients	B1.01, B2.03, B2.05, B2.06, B2.07, B2.08, B2.09	<ul style="list-style-type: none"> <li>OSCEs</li> <li>Student 360° Evaluation (Self, Preceptor, Peer and Faculty Input)</li> </ul>
	3.4	Describe maintenance of health and prevention of disease in infants, children, adolescent, adult, pregnant, and geriatric patients	B1.01, B2.03, B2.05, B2.06, B2.07, B2.08, B2.09, B2.15	<ul style="list-style-type: none"> <li>Summative Exam (Multiple Choice/ExamSoft)</li> <li>OSCEs</li> <li>Student 360° Evaluation (Self, Preceptor, Peer and Faculty Input)</li> </ul>
	3.5	Develop appropriate management plans for acute, chronic, and emergent conditions in infants, children, adolescent, adult, pregnant and geriatric patients	B1.01, B2.03, B2.05, B2.06, B2.07, B2.08, B2.09	<ul style="list-style-type: none"> <li>OSLERS/OSCEs</li> <li>Student 360° Evaluation (Self, Preceptor, Peer and Faculty Input)</li> </ul>
	3.6	Provide age-appropriate, culturally sensitive and patient-centered counseling and education to patients	B1.01, B2.03, B2.05, B2.06, B2.07, B2.08, B2.09, B2.11, B2.12	<ul style="list-style-type: none"> <li>OSLERS/OSCEs</li> <li>Student 360° Evaluation (Self, Preceptor, Peer and Faculty Input)</li> </ul>
	3.7	Perform procedures accurately and safely	B1.01, B2.09	<ul style="list-style-type: none"> <li>DOPS</li> <li>Student 360° Evaluation (Self, Preceptor, Peer and Faculty Input)</li> </ul>
Program Learning Outcome (PLO)	Competency Measures (COMP)			

Program Learning Outcome (PLO)	Competency Measures (COMP)		ARC-PA Standard(s); 5 <sup>th</sup> Edition	Summative Assessment Method (B4.03)
<b>4. Manifest <i>professionalism</i> as evidenced by commitment to carrying out professional and clinical responsibilities, ethical practice, sensitivity to diverse patient populations, and adherence to legal and regulatory requirements. (P)</b>	4.1	Apply a high level of ethical standards to patient care and professional activities	B1.01, B2.11, B2.17, B2.18, B2.19, B2.20	<ul style="list-style-type: none"> <li>OSCE</li> </ul>
	4.2	Prioritize patient care tasks effectively	B1.01, B2.17, B2.19	<ul style="list-style-type: none"> <li>OSLERs/OSCEs</li> </ul>
	4.3	Demonstrate respect, integrity and sensitivity in interactions with all colleagues and patients, including those of different cultures, ages, genders and disabilities	B1.01, B2.04, B2.06, B2.08, B2.10, B2.11, B2.12, B2.18, B2.19	<ul style="list-style-type: none"> <li>Student 360° Evaluation (Self, Preceptor, Peer and Faculty Input)</li> </ul>
	4.4	Fulfill duties and professional obligations in a timely fashion	B1.01, B2.15, B2.17, B2.18, B2.19	<ul style="list-style-type: none"> <li>Student 360° Evaluation (Self, Preceptor, Peer and Faculty Input)</li> </ul>
	4.5	Recognize personal and professional limitations in providing care	B1.01, B2.07, B2.17, B2.18, B2.19, B2.20	<ul style="list-style-type: none"> <li>OSCE</li> </ul>
	4.6	Reflect on weaknesses, errors and mistakes in order to develop professional and personal goals for improvement	B1.01, B2.19	<ul style="list-style-type: none"> <li>Student 360° Evaluation (Self, Preceptor, Peer and Faculty Input)</li> <li>PANCE Study Plan</li> <li>2 Year CME Plan</li> <li>OSCE</li> </ul>
	4.7	Articulate legal and regulatory requirements related to PA practice and health care within the US health care system	B1.01, B2.14, B2.15, B2.17, B2.19, B2.20	<ul style="list-style-type: none"> <li>Summative Exam (Multiple Choice/ExamSoft)</li> <li>Completed state licensure application</li> </ul>
	4.8	Articulate the PA's role and responsibilities to patients, families, members of the health care team, communities, and other professionals	B1.01, B2.04, B2.06, B2.10, B2.15, B2.17, B2.18, B2.19,	<ul style="list-style-type: none"> <li>Summative Exam (Multiple Choice/ExamSoft)</li> <li>OSCEs</li> </ul>
<b>5. Demonstrate the ability to provide high quality team-based patient care that is safe, effective and efficient (<i>systems-based practice</i> - SBP)</b>	5.1	Demonstrate accountability and responsibility for removing barriers to health care, and advocating for patients within the health care system	B1.01, B2.06, B2.08, B2.11, B2.12, B2.14, B2.15, B2.16, B2.18,	<ul style="list-style-type: none"> <li>Health Care Systems Reflection Paper</li> </ul>
	5.2	Work effectively within interprofessional teams to meet the needs of patients	B1.01, B2.08, B2.10,	<ul style="list-style-type: none"> <li>Student 360° Evaluation (Self, Preceptor, Peer and Faculty Input)</li> </ul>
	5.3	Recognize when referrals are needed, and, make them to the appropriate health care provider	B1.01, B2.05, B2.06, B2.10, B2.16,	<ul style="list-style-type: none"> <li>OSCE</li> </ul>
	5.4	Accept personal responsibility to identify, report, and, respond to threats to patient safety and medical errors	B1.01, B2.05, B2.09, B2.15, B2.16, B2.18,	<ul style="list-style-type: none"> <li>OSCE</li> </ul>

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	5.5	Compare and contrast funding sources and payment systems that provide coverage for patient care	B1.01, B2.14, B2.14, B2.15,	<ul style="list-style-type: none"> <li>Health Care Systems Reflection Paper</li> </ul>
	5.6	Identify cost-savings measures and avoid waste in patient care activities	B1.01, B2.05, B2.15, B2.16, B2.18,	<ul style="list-style-type: none"> <li>Health Care Systems Reflection Paper</li> <li>OSCE</li> </ul>
	5.7	Demonstrate respect for the dignity and privacy of patients while maintaining confidentiality in the delivery of team based care	B1.01, B2.10, B2.11, B2.15, B2.16, B2.18,	<ul style="list-style-type: none"> <li>Health Care Systems Reflection Paper</li> </ul>
	5.8	Articulate the need for continuous quality improvement initiatives	B1.01, B2.05, B2.13, B2.15, B2.16,	<ul style="list-style-type: none"> <li>Health Care Systems Reflection Paper</li> </ul>
<b>6. Develop <i>practice based learning</i> techniques which include the review of medical literature, scientific evidence, and other medical and professional resources. (PBL)</b>	6.1	Articulate standards of care in clinical practice	B1.01, B2.05, B2.09, B2.13, B2.15, B2.16,	<ul style="list-style-type: none"> <li>Summative Exam (Multiple Choice/ExamSoft)</li> <li>OSLER</li> </ul>
	6.2	Synthesize the medical literature to make evidence-based patient-care decisions	B1.01, B2.05, B2.13, B2.16,	<ul style="list-style-type: none"> <li>OSCE</li> </ul>
	6.3	Translate new medical knowledge through scholarly inquiry and discovery	B1.01, B2.05, B2.13,	<ul style="list-style-type: none"> <li>Revised Research Methods Prospectus</li> </ul>
	6.4	Optimize patient care by utilizing the electronic health record and technology	B1.01	<ul style="list-style-type: none"> <li>Healthcare Systems Reflection Paper</li> </ul>
	6.5	Seek, incorporate, and reflect on feedback in order to develop professionally, as a life-long learner of medicine	B1.01, B2.05, B2.13,	<ul style="list-style-type: none"> <li>OSCE</li> </ul>
Program Learning Outcomes (PLO)	Core Competencies (COMP)			
<b>7. Demonstrate servant leadership by emulating Franciscan values in clinical practice and service to individuals and communities. (SLFV)</b>	7.1	Identify and respond to the needs of others	B1.01, B2.06, B2.08, B2.10, B2.11, B2.12, B2.19,	<ul style="list-style-type: none"> <li>Student 360° Evaluation (Self, Preceptor, Peer and Faculty Input)</li> </ul>
	7.2	Recognize the impact of bias on patient outcomes	B1.01, B2.05, B2.06, B2.08, B2.11, B2.12, B2.18, B2.19,	<ul style="list-style-type: none"> <li>Post Clinical Year Implicit Bias Reflection Paper</li> </ul>
	7.3	Recognize the unique needs of patients in vulnerable populations	B1.01, B2.06, B2.08, B2.11, B2.12, B2.18, B2.19,	<ul style="list-style-type: none"> <li>Health Care Systems Reflection Paper</li> </ul>
	7.4	Provide equitable care to all patients	B1.01, B2.06, B2.08, B2.11, B2.12, B2.18, B2.19,	<ul style="list-style-type: none"> <li>Health Care Systems Reflection Paper</li> </ul>
	7.5	Demonstrate emotional intelligence in interactions with others, patient care activities, and maintenance of one's own well-being	B1.01, B2.10, B2.19, B2.20,	<ul style="list-style-type: none"> <li>Post Clinical Year EQ-I Reflection Paper</li> </ul>