

## *Associate of Applied Science* **PARAMEDICS**

This Associate of Applied Science program prepares the EMT Basic for the highest level of emergency medicine. We will prepare competent entry-level Emergency Medical Technician-Paramedics in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. The student will learn advanced techniques of administering care to patients in life-threatening situations and to reduce disability. It will also teach the students to recognize signs and symptoms of most life threatening illnesses and injuries, and to effectively manage them. Students will learn fundamentals of cardiology, pharmacology, and special patient care in a pre-hospital setting. EMT Paramedics are employed by advance life support ambulances, emergency departments, critical care units of hospitals, tactical teams, industrial medicine, and sports medicine groups. State Licenses are required. The student is required to perform 250 clinical hours along with 250 internships hours in emergency departments and ambulance services.

### **YEAR ONE**

<b>SEMESTER I</b>			<b>SEMESTER II</b>		
		<u>Credits</u>			<u>Credits</u>
HL130	Pharmacology I	2	HL131	Pharmacology II	2
HL134	Cardiology I	2	HL135	Cardiology II	2
HL140	Advanced Emergency Care I	4	HL141	Advanced Emergency Care II	4
HL146	Advanced Skills & Situations I	4	HL147	Advanced Skills & Situations II	4
BI107	Human Biology w/Lab	4	HL150	Clinical Experience I	1
NA113	Native American Awareness	<u>1</u>	CS***	Computer Science Elective	<u>4</u>
				CS112 Intro to Computers	
				CS121 Principles of Microsoft Office	
Total:		17	Total:		17

### **YEAR TWO**

<b>SEMESTER III</b>			<b>SEMESTER IV</b>		
		<u>Credits</u>			<u>Credits</u>
HL212	Pharmacology III	1	HL213	Pharmacology IV	1
HL216	Cardiology III	1	HL217	Cardiology IV	1
HL220	Advanced Emergency Care III	4	HL221	Advanced Emergency Care IV	4
HL226	Advanced Skills & Situations	4	HL227	Advanced Skills & Situations IV	4
HL234	Paramedic Operations	2	HL235	Care of Special Patients	2
HL151	Clinical Experience II	1	HL153	Clinical Experience III	1
EN111	College Composition	<u>4</u>	*****	Communication Elective	<u>3-4</u>
				EN107, EN112, BU193, NL105	
Total:		17	Total:		16-17

<b>SEMESTER V</b>		
		<u>Credits</u>
HL260	Cooperative Education – Paramedic	3
HL240	National Registry Preparation	1
ES101	Fitness and Wellness	<u>2</u>
Total:		6

**Required credits for this curriculum = 73-74**