



**2019 - 2020**  
**Cardiac Sonography**  
**Associate of Applied Science Degree**

<b>Fall Year 1</b>		<b>Courses</b>	<b>Credit Hours</b>	
BIO 1210	Human Anatomy & Physiology I		3	<b>15</b>
BIO 1211	Human Anatomy & Physiology I Lab		1	
ENG 1010	College Composition I		3	
HSC 1010	Introduction to Health Professions		2	
MTH 1110	College Algebra I		3	
PSY 1110	General Psychology		3	
<b>Spring Year 1</b>		<b>Courses</b>	<b>Credit Hours</b>	
BIO 1220	Human Anatomy & Physiology II		3	<b>13</b>
BIO 1221	Human Anatomy & Physiology II Lab		1	
BIO 2150	Pathophysiology		3	
ENG 1020	College Composition II		3	
SPK 2010	Oral Communication		3	
<b>Summer Year 1</b>		<b>Courses</b>	<b>Credit Hours</b>	
CAS 1010A	Noninvasive Cardiology		5	<b>13</b>
CAS 1010L	Noninvasive Cardiology Lab		0	
HSC 1810	Acoustical Physics		4	
HSC 1910	Introduction to Sonography and Patient Care		3	
PHY 1210	Physics Concepts		1	
<b>Fall Year 2</b>		<b>Courses</b>	<b>Credit Hours</b>	
CAS 2010A	Cross Sectional Sonography		5	<b>13</b>
CAS 2050B	Clinical Affiliation I		4	
CAS 2050L	Clinical Affiliation I Lab		0	
CAS 2110A	Cardiac Valve Disease in Sonography		4	
<b>Spring Year 2</b>		<b>Courses</b>	<b>Credit Hours</b>	
CAS 2210A	Cardiac Ventricular Disease in Sonography		4	<b>13</b>
CAS 2310	Clinical Affiliation II		6	
CAS 2310L	Clinical Affiliation II Lab		0	
CAS 2610	Advanced Disease and Technologies		3	
<b>Summer Year 2</b>		<b>Courses</b>	<b>Credit Hours</b>	
CAS 2410	Clinical Affiliation III		3	<b>5</b>
CAS 2410L	Clinical Affiliation III Lab		0	
CAS 2910	Cardiac Sonography Board Review		2	
<b>Program Total</b>				<b>72</b>