Diagnostic Medical Sonography
Cardiac/Vascular Ultrasound Track
Associate of Applied Science (92 Credits)

For Students Seeking Admission to the Summer 2024 Program

The Limited Entry Office will be responsible for managing the application process. The selection of students is done by an admissions committee. Qualified applicants must:

- Complete a Health Programs Orientation, meet with a Health Programs Advisor, & complete a Limited Entry Workshop (within last two years of the deadline date)
- Have a minimum cumulative GPA of 2.5 or higher for all program prerequisites
- Complete the mandatory Diagnostic Medical Sonography Introductory Presentation and Quiz
- Have a minimum cut-off score of 80% in Reading, 60% in Math, 60% in Writing, and 60% in Science on the ATI TEAS Exam

Applicants will be ranked and selected using a point system through which points will be awarded. Please see attached Selection Criteria sheet.

**PROGRAM PREREQUISITE COURSES:** These are courses that must be completed before a student is considered eligible for entry into the program. FOR SELECTION PURPOSES, PREREQUISITE COURSES FOR LIMITED ENTRY PROGRAMS MAY BE ATTEMPTED THREE TIMES. ALL ATTEMPTS INCLUDE WITHDRAWALS, AUDITS AND GRADES. THE HIGHEST GRADE WILL BE USED FOR THE GPA CALCULATION.

### Course Title Cr Gen Ed Req. Tech Prep Min. Grade
BIOL 223 Anatomy & Physiology I 4 Science No C
BIOL 224 Anatomy & Physiology II 4 Science No C
MATH 116 or higher (Except Math 122 & 123) 3 Math No C
PHYS 110 Conceptual Physics or any College Physics with Lab** 4 Science No C
HIT 117 Medical Terminology I 1 Tech. Emphasis Yes C
ENG 101/100 Composition I 3 English No C
or ENG 107 Technical Communications I 3 English Yes C

**Total 19

**EEG 131/131L will also be accepted for the Physics requirement.

**ADDITIONAL GENERAL EDUCATION REQUIREMENTS:**
Communications: (see AAS degree requirements 3 Cr
U.S. & Nevada Constitution: (see AAS degree requirements in College Catalog) 4 Cr
Human Relations: (see AAS degree requirements in College Catalog) 3 Cr
Social Sciences/Humanities: (see AAS degree requirements in College Catalog) 3 Cr
Total 13 Cr

**IMPORTANT POINTS TO REMEMBER:**
- Selection Occurs: Once a year
- Program Begins: Summer 2024
- Application Deadline: February 1, 2024
- Proof of completion of all program prerequisites must be in the Limited Entry Office by this date
- Limited Entry Application Fee: $20.00
- Maximum number of students admitted: 10
- Science courses must be no more than 7 years old at the time of application deadline.

**PROGRAM COURSES:** These are specialized courses within a health discipline. They are restricted to students who have been accepted into the program. Program courses are subject to revision; this will not impact program admission.

<table>
<thead>
<tr>
<th>1st Semester (Summer)</th>
<th>2nd Semester (Fall)</th>
<th>3rd Semester (Spring)</th>
<th>4th Semester (Summer)</th>
<th>5th Semester (Fall)</th>
<th>6th Semester (Spring)</th>
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<tbody>
<tr>
<td>SON 102B..............3 cr Basic Cardiac Sonography</td>
<td>SON 160B........2 cr Scanning Lab I</td>
<td>SON 190B........3 cr Sonographic Physics II</td>
<td>SON 282B........3 cr Clinical III</td>
<td>SON 283B........3 cr Clinical IV</td>
<td>SON 276B........3 cr Vascular Sonography II</td>
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<tr>
<td>SON 102L..............1 cr Basic Cardiac Sonography Lab</td>
<td>SON 280B........2 cr Clinical I</td>
<td>SON 281B........2 cr Clinical II</td>
<td>SON 261B........3 cr Pediatric Echo I</td>
<td>SON 276L........1 cr Vascular Sonography Lab II</td>
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<tr>
<td>SON 150B..............2 cr Patient Care (inc. EKG &amp; venipuncture)</td>
<td>SON 125B........3 cr Sonographic Physics I</td>
<td>SON 216B........3 cr Echocardiography II</td>
<td>SON 275B........3 cr Vascular Sonography I</td>
<td>SON 291B........2 cr Registry Review</td>
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<tr>
<td>SON 150L..............1 cr Patient Care Lab</td>
<td>SON 116B........3 cr Echocardiography I</td>
<td>SON 195B........2 cr Scanning Lab II</td>
<td>SON 275L........1 cr Vascular Sonography Lab I</td>
<td>SON 284B........3 cr Clinical V</td>
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<td>SON 225B........3 cr Stress Echocardiography</td>
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<td>SON 250B........2 cr Case Review I</td>
<td>SON 255B........2 cr Case Review II</td>
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<td>SON 135B........2 cr Cardiovascular Physics</td>
<td>SON 262B........2 cr Pediatric Echo II</td>
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<tr>
<th>Total Sem........7 cr</th>
<th>Total Sem.....10 cr</th>
<th>Total Sem.....13 cr</th>
<th>Total Sem.....3 cr</th>
<th>Total Sem.....14 cr</th>
<th>Total Sem.....13 cr</th>
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</table>

Total Program Course Credits ................. 60