

Diagnostic Medical Sonography
 Cardiac/Vascular Ultrasound Track
Associate of Applied Science (92 Credits)
For Students Seeking Admission to the Summer 2025 Program

The Limited Entry Office will be responsible for managing the application process. The selection of students is done by a selection committee.

Qualified applicants must:

- Complete a Health Programs Orientation, meet with a Health Programs Advisor, and complete a Limited Entry Workshop (within two years of the deadline date).
- Have a minimum cumulative GPA of 2.5 or higher for all program prerequisites.
- Earn an 80% or higher on the mandatory Diagnostic Medical Sonography Introductory Presentation and Quiz.
- Have a minimum cut-off score of 80% in Reading, 60% in Math, 60% in English, and 60% in Science on the ATI TEAS Exam.
- Complete the Purdue Pegboard Dexterity Test within 12 months of the deadline date.

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 <u>or</u> any College Physics with Lab** | 4 | Science | No | C |
| HIT 117 | Medical Terminology I | 1 | Tech. Emphasis | Yes | C |
| ENG 101/100/110/113 | Composition I | 3-5 | English | No | C |
| or | | | | | |
| ENG 107 | Technical Communications I | 3 | English | Yes | C |
| Total | | 19-21 | | | |

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

ADDITIONAL GENERAL EDUCATION REQUIREMENTS:

| | |
|--|--------------|
| Communications: (see AAS degree requirements in College Catalog) | 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 2025
- Application Deadline: **February 1, 2025**
- **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 entry into the program.

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.

| 1 st Semester (Summer) | 2 nd Semester (Fall) | 3 rd Semester (Spring) | 4 th Semester | 5 th Semester (Fall) | 6 th Semester (Spring) |
|---|--|--|-----------------------------------|--|---|
| SON 102B.....3 cr Basic Cardiac Sonography | SON 116B.....3 cr Echocardiography I | SON 190B.....3 cr Sonographic Physics II | SON 282B.....3 cr Clinical III | SON 135B.....2 cr Cardiovascular Physics | SON 255B.....2 cr Case Review II |
| SON 102L.....1 cr Basic Cardiac Sonography Lab | SON 125B.....3 cr Sonographic Physics I | SON 195B.....2 cr Scanning Lab II | | SON 250B.....2 cr Case Review I | SON 262B.....2 cr Pediatric Echo II |
| SON 150B.....2 cr Patient Care (inc. EKG & venipuncture) | SON 160B.....2 cr Scanning Lab I | SON 216B.....3 cr Echocardiography II | | SON 261B.....3 cr Pediatric Echo I | SON 276B.....3 cr Vascular Sonography II |
| SON 150L.....1 cr Patient Care Lab | SON 280B.....2 cr Clinical I | SON 225B.....3 cr Stress Echocardiography | | SON 275B.....3 cr Vascular Sonography I | SON 276L.....1 cr Vascular Sonography Lab II |
| | | SON 281B.....2 cr Clinical II | | SON 275L.....1 cr Vascular Sonography Lab I | SON 284B.....3 cr Clinical V |
| | | | | SON 283B.....3 cr Clinical IV | SON 291B.....2 cr Registry Review |
| Total Sem.....7 cr | Total Sem.....10 cr | Total Sem.....13 cr | Total Sem.....3 cr | Total Sem.....14 cr | Total Sem.....13 cr |
| | | | | | Total Program Course Credits 60 |