

YOUR PATHWAY TO A CAREER IN

# Echocardiography

An in-demand Coastal Bend Career



## High School Endorsement: *Public Service*

**Do you have** enjoy serving others, like problem solving, and have patience and attention to detail?

**Want to work in a** hospital, physician's office or in a medical laboratory?

**Want to get paid from** \$16.09 to \$32.25 per hour, depending on education and experience?\*

\*Workforce Solutions of the Coastal Bend Targeted Occupations List 2018-19



Consult your local college or university advisor or websites for specific degree plans.

### Certificate: Certified Nurse Aid – Continuing Education Course

#### Courses you will need:

Certified Nurse Aide	<b>NURA 1001</b>
Certified Nurse Aide – Clinical	<b>NURA 1060</b>

**Bold = Core**

### Associate in Applied Science Degree: Echocardiography – 65 Total Hours

Composition I	<b>ENGL 1301</b>
Creative Arts Core	<b>ARTS 1301</b>
Human Anatomy and Physiology I	<b>BIOL 2401</b>
Human Anatomy and Physiology II	<b>BIOL 2402</b>
College Algebra	<b>MATH 1314</b>
Communication Core	<b>SPCH 1311</b>
Social and Behavioral Core	<b>PSYC 2301</b>
Introductory Physics I	<b>PHYS 1305</b>
Introduction to Vascular Technology	DSVT 1103
Introduction to Sonography	DMSO 1210
Introduction to Echocardiography Techniques	DSAE 1303
Basic Ultrasound Physics	DMSO 1302
Clinical I - Diagnostic Medical Sonography	DSAE 1260
Principles of Adult Echocardiography	DSAE1415
Intermediate Ultrasound Physics	DMSO 1342
Echocardiographic Evaluation of Pathology I	DSAE 2404
Practicum I - Diagnostic Medical Sonography	DSAE 1264
Principles of Vascular Technology	DSVT 1300
Clinical II - Diagnostic Medical Sonography	DSAE 2261
Echocardiographic Evaluation of Pathology II	DSAE 2337
Echo. Professionalism and Registry Review	DSAE 2355
Practicum III - Diagnostic Medical Sonography	DSAE 2268
Vascular Technology Applications	DSVT 2200

**Bold = Core**

### Bachelor of Applied Science Degree – Applied Leadership – 120 Hours

#### Use the courses above, plus the following:

U.S. Government	<b>POLS 2305</b>
State and Local Government	<b>POLS 2306</b>
Earth Sciences	<b>GEOL1301</b>
Introduction to Ethics	<b>PHIL 2306</b>
U.S. History I	<b>HIST 1301</b>
U.S. History II	<b>HIST 1302</b>
Organizational Communication	COMM 4350
Behavior in Organizations	MGMT 3312
Technical and Professional Writing	ENGL 3301
Nonverbal Communication	COMM 3311
Introduction to Public Administration	POLS 3341
Complex Organizations	SOCI 4315
Persuasion	COMM 3330
Intercultural Communication	COMM 4345
Leadership	COMM 3350
Upper Level Electives	10 hours

**Bold = Core**