

## **PROGRAM GOALS**

- To prepare competent entry- level sonographers in the cognitive (knowledge), psychomotor (skills), and affective learning (behavior) learning domains for the following concentration(s) it offers: abdominal sonography- extended, and obstetrics and gynecology sonography.
- To provide the community with competent diagnostic medical sonographers.
- To facilitate development of effective communication, critical thinking, and problem-solving skills.
- To facilitate the development of professional attitudes, behaviors, ethics, a culture of respect within the framework of the diagnostic medical sonography profession.

## **STUDENT LEARNING OUTCOMES**

- Demonstrate knowledge and skill in abdominal sonography.
- Demonstrate knowledge and skill in OB/GYN sonography.
- Demonstrate knowledge and skill in small parts/ superficial structures /high resolution sonography.
- Modify standard procedures to accommodate for patient conditions and other variables to obtain quality images while utilizing proper ergonomics.
- Evaluate cross sectional anatomy, pathology and image quality.
- Recognize emergency patient conditions and initiate first aid and basic life support procedures.
- Practice the safe limits of equipment operations (ALARA) and report malfunctions to the proper authority.
- Demonstrate knowledge and skills related to quality assurance.
- Exercise independent judgment and discretion when performing imaging procedures.
- Demonstrate an understanding of your role in the healthcare environment.
- Practice effective communication with patients and other health professionals.
- Provide basic patient care, comfort, anticipate patient needs, and patient education.
- Demonstrate an understanding of ultrasound production.
- Demonstrate knowledge of human structure, function, and pathology.
- Support the profession's code of ethics, culture of respect and comply with the profession's standard of practice.