

Medical Imaging, Diagnostic Medical Sonography, Associate of Applied Science, Information tab, Student Learning Outcomes Old:

The student goals for the Diagnostic Medical Sonography program are as follows:

Cognitive: Students will demonstrate skills in critical thinking.

1. Students will demonstrate appropriate medical and patient care knowledge to function in the health care setting by following patient safety guidelines and universal precautions, obtaining patient histories, communicating with staff and physicians, and utilizing sonographic and hospital equipment.
2. Students will interpret patient laboratory findings to assist the physician in a diagnosis.
3. Students will adjust technical factors to achieve ALARA principles during sonographic examinations.

Psychomotor: Students will demonstrate the skills of a competent entry-level sonographer.

1. Students will be able to exhibit clinical competence in patient care, equipment manipulation, image evaluation, and technical factor selection.
2. Students will embody the skills necessary to perform patient assessment and care.
3. Students will adjust technical factors to meet the needs of individual sonographic examination.

Affective: The students will communicate effectively.

1. Students will utilize effective oral and written communication skills as required of in a health care setting.
2. Students will be able to maintain the values of a professional sonographer by following ethical guidelines and exhibiting professional behavior.

New:

The Goals and Student Learning Outcomes for the Abdominal Extended Concentration are as follows:

Cognitive Domain: Student will demonstrate critical thinking.

1. Students will be able to function in the health care setting with appropriate medical and patient care knowledge, sonographic equipment, patient safety guidelines and universal precautions when performing abdomen examinations.
2. Students will be able to demonstrate knowledge and application of patient laboratory findings as it relates to abdominal physiology.
3. Students will adjust technical factors to achieve ALARA principles during abdominal sonographic examinations.

Psychomotor Domain: Students will demonstrate the skills of a competent entry-level sonographer.

1. Students will be able to exhibit clinical competence in patient care, equipment manipulation, image evaluation, and technical factor selection when performing abdominal examinations.
2. Students will embody the skills necessary to perform patient assessment and care.

3. Students will adjust technical factors to meet the needs of abdominal examination.
Affective Domain: The students will communicate effectively.
1. Students will utilize effective oral and written communication skills as required of in a healthcare setting.
2. Students will be able to maintain the values of a professional sonographer by following ethical guidelines and exhibiting professional behavior.

The Goals and Student Learning Outcomes for the Obstetrics and Gynecology Concentration are as follows:

Cognitive Domain: Student will demonstrate critical thinking

1. Students will be able to function in the health care setting with appropriate medical and patient care knowledge, sonographic equipment, patient safety guidelines and universal precautions when performing obstetric and gynecological sonography exams.
2. Students will be able to demonstrate knowledge and application of patient laboratory findings as it relates to Obstetrics and Gynecology physiology.
3. Students will adjust technical factors to achieve ALARA principles during sonographic examinations.

Psychomotor Domain: Students will demonstrate the skills of a competent entry-level sonographer.

1. Students will be able to exhibit clinical competence in patient care, equipment manipulation, image evaluation, and technical factor selection when performing obstetric and gynecological sonography exams.
2. Students will embody the skills necessary to perform patient assessment and care.
3. Students will adjust technical factors to meet the needs of obstetric and gynecological sonographic examination.

Affective Domain: The students will communicate effectively.

1. Students will utilize effective oral and written communication skills as required of in a healthcare setting.
2. Students will be able to maintain the values of a professional sonographer by following ethical guidelines and exhibiting professional behavior.