

PROGRAM OUTCOMES
DIAGNOSTIC MEDICAL SONOGRAPHY PROGRAM
EL PASO COMMUNITY COLLEGE

Upon completion of the Diagnostic Medical Sonography Program, the graduate will be able to perform the following functions either in a hospital or at other health care facility, as directed by physicians qualified to order and/or perform sonographic procedures.

1. Provide patient care is essential to sonographic procedure.
2. Interact with the public and health care providers utilizing verbal and non-verbal communication skills.
3. Apply the principles of anatomy, positioning, and sonographic techniques to accurately demonstrate anatomical structures on a sonogram.
4. Determine exposure factors to achieve optimum sonographic technique with a minimum of ultrasound exposure to patient.
5. Apply the principles of bioeffects protection for the patient, self, and others.
6. Maintain all documentation required within a sonography department.
7. Participate in those quality improvement activities required of a sonography department.
8. Exercise discretion and judgment in the performance of medical imaging procedures.
9. Recognize emergency patient conditions and initiate lifesaving first-aid.
10. Recognize pathological processes associated with various systems within the body.
11. Examine ultrasound images for the purpose of evaluating scanning technique and other pertinent technical qualities.
12. Utilize appropriate English grammar, word usage in writing and verbal skills.
13. Manipulate appropriate factors to achieve optimum ultrasound quality with a minimum output gain exposure to patient.
14. Exercise discretion and judgement in the performance of medical imaging procedures.
15. Apply patient confidentiality and medical ethics education to daily performance.