

**ULTRASOUND TECHNOLOGIST****NATURE OF WORK IN THIS CLASS**

This is specialized radiologic technologist work involved in providing ultrasound examinations using high frequency soundwaves for the purpose of diagnosis and/or treatment of anatomic and physiologic disorders.

Employees in this class perform the full range of complex professional duties, including independent work in specialized areas of the profession.

**ILLUSTRATIVE EXAMPLES OF WORK** (Any one position may not include all the duties listed, nor do the examples cover all the duties which may be assigned.)

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Selects equipment for use in ultrasound tests ordered by physicians.

Explains procedures to patient, records an additional medical history considered necessary; and instructs and assists patient in anatomic physical position for required exposure to ultrasonic waves.

Performs sonographic studies under the supervision of the radiologist.

Performs pathologic, physiologic, and anatomic ultrasound scanning; assists OB-GYN physician in performing obstetured fetal sonography.

Operates equipment applying appropriate examining techniques, and observes sound wave display to note ultrasonic patterns produced checking for factors such as position, obstruction, or change of shape; determines if the images are satisfactory for diagnostic purposes.

Practices sterile technique and prevents cross contamination to patients and instruments.

Obtains permanent record of internal examination and insures accurate maintenance of records.

Discusses test results with supervisor or professional personnel to determine whether additional internal examinations are required.

Performs related duties as required.

**MINIMUM KNOWLEDGE, ABILITIES AND SKILLS**

Knowledge of ultrasound physics.

Knowledge of advanced anatomy and physiology.

Knowledge of relevant medical technology.

Knowledge of the hazards involved in the use of soundwaves and of precautionary measures to be employed.

Ability to operate ultrasound equipment and control devices.

Ability to make decisions in accordance with program guidelines.

Ability to work effectively with employees and the public.

Ability to communicate effectively, orally and in writing.

Ability to maintain records and reports.

Skill in the use of ultrasound equipment and scanning techniques.


**MINIMUM EXPERIENCE AND TRAINING**

- A) Graduation from a three (3) year diagnostic medical sonography (ultrasound) program accredited by the Committee on Allied Health Education and Accreditation (CAHEA); and two (2) years of experience as a radiologic technologist or related work; or
- B) Three (3) years of experience as a radiologic technologist or related work and graduation from a two (2) year diagnostic medical sonography (ultrasound) program accredited by the Committee on Allied Health Education and Accreditation (CAHEA).

**NECESSARY SPECIAL QUALIFICATION**

Current certification by the American Registry of diagnostic Medical Sonographers (ARDMS).

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JOHN S. SALAS  
Acting Executive Director  
Civil Service Commission