

**WEBER STATE UNIVERSITY SCHOOL OF RADIOLOGIC SCIENCES LIMITED
SCOPE OPERATOR (LSO) RADIOGRAPHY LICENSE – Colorado Cohort**

SCHOOL OF RADIOLOGIC SCIENCES

Dr. EZEKIEL R. DUMKE COLLEGE OF HEALTH PROFESSIONS

WEBER STATE UNIVERSITY

OGDEN, UTAH 84408-3925

Department Chair.....Tanya Nolan, Ed.D, RT(R)(ARRT), RDMS
Faculty.....Kim Parkinson, DHSc, RT(R)(MR)(ARRT), MRSO
Faculty.....Victor Shane Clampitt, MSRS, R.T. (R) (MR) (ARRT) MRSO
Faculty.....Taylor Ward, Ph.D. RT(R)(CT)(MR)(ARRT)

To meet Colorado State requirements 6 CCR 1007- Part 02, students must complete a minimum of 80 hours of didactic training and 480 hours of clinical training. The course of study should be no less than 6 months or more than 24 months in length. The Weber State School of Radiologic Sciences Limited Scope Operator (LSO) Program – Colorado Cohort fulfills these requirements. The LSO-Colorado Cohort will consist of 2 semesters that incorporate both clinical and didactic training. Classes will be provided via virtual and Face-to-Face (F2F) sessions with Weber State Faculty approximately 2-3 times per semester. Students will be responsible for completing required coursework and examinations. **Prerequisites:**

- High School Diploma or Equivalent

- It is the responsibility of the student to complete clinical education (24 hours per week) in their assigned clinical site throughout the duration of the program. These clinical hours are non-paid, dedicated student hours. The affiliation agreement between Weber State University and the clinical site must be established prior to beginning clinical education.

*In the case that students choose to continue their associates of Radiologic Technology (AAS) degree through Weber State University, classes taken in the LSO- Colorado Cohort will be credited towards the degree. An additional 3 semesters (Fall, Spring, Summer) would be required to complete the full Radiologic Technology Program and qualify for ARRT registration and certification. Students who wish to become ARRT registered and certified are encouraged to continue the full Radiologic Technology Program.

PROGRAM DESCRIPTION – LSO COLORADO COHORT

DIDACTIC TRAINING (19 credit hours):

FALL SEMESTER

RADT 1022- Introduction to Radiologic Technology (2 credits)

RADT 1303- Principles of Radiographic Exposure I (3)

RADT 1502- Radiographic Anatomy & Positioning I (2)

RADT 1601- Clinical Simulation (1)

RADT 2042- Community Based Patient Care I (2)

SPRING SEMESTER

RADT 1512- Radiographic Anatomy & Positioning II (2)

RADT 1522- Radiographic Anatomy & Positioning III (2)

RADT 1621- Clinical Simulation (1)

RADT 2043- Specialty Based Patient Care I (2)

RADT 2866- Final Competency Evaluation (2)

CLINICAL TRAINING (minimum 480 hours):

FALL SEMESTER

RADT 2861- Clinical Education (3)

20-24 hours per week (total of 280 hours)

SPRING SEMESTER

RADT 2862- Clinical Education (3)

20-24 hours per week (total of 280 hours)

COURSE DESCRIPTIONS – LSO COLORADO COHORT

RADT 1022 INTRODUCTION TO RADIOLOGIC TECHNOLOGY

Program Orientation, elementary radiation protection, and basic procedures. **2 Credit Hours**

RADT 1303 PRINCIPLES OF RADIOGRAPHIC EXPOSURE I

Theory of x-ray production; imaging production, and radiographic equipment. **3 Credit Hours**

RADT 1502 RADIOGRAPHIC ANATOMY AND POSITIONING

Terminology, pathology, and radiographic positioning. **2 Credit Hours**

RADT 1512 RADIOGRAPHIC ANATOMY AND POSITIONING II

Continuation of RADT 1502. Prerequisite: RADT 1502 **2 Credit Hours**

RADT1601 CLINICAL SIMULATION

Patient positioning and review of radiographic quality. **1 Credit Hour**

RADT 1621 CLINICAL SIMULATION

Continuation of RADT 1601. Prerequisite: RADT 1601 **1 Credit Hour**

RADT 2042 COMMUNITY BASED PATIENT CARE I

Patient care and management in radiology in community based settings. **2 Credit Hours**

RADT 1522 RADIOGRAPHIC ANATOMY AND POSITIONING II

Continuation of RADT 1512. Prerequisite: RADT 1512

2 Credit Hours RADT 2043 SPECIALTY BASED PATIENT CARE I

Patient care and management in radiology in specialty settings. **2 Credit Hours**

RADT 2861 CLINICAL EDUCATION

Experience gained in a healthcare facility. **3 Credit Hours**

Prerequisite: Clinical site approval and affiliation agreement completed.

RADT 2862 CLINICAL EDUCATION

Continuation of RADT 2861 **3 Credit Hours**

RADT 2866 FINAL COMPETENCY EVALUATION

Demonstration of competency performing the procedures required **2 Credit Hours**
by the certification agency.