
Clinical Education / Clinical Standards Policy

The Magnetic Resonance Imaging Program employs a competency-based clinical structure that places emphasis on assessing the student's psychomotor, critical thinking, and communication skills as well as their affective behavior. The clinical structure and requirements are governed by the ARRT's clinical competency requirements, the ASRT's recommended curriculum, and the JRCERT "Standards for an Accredited Educational Program in Magnetic Resonance".

Clinical Education Methodology

The following steps are employed in the clinical competency process:

1. Didactic Instruction

Students are progressively introduced to the various procedural and technical requirements for each clinical exam through didactic instruction and testing during the 1-year program.

2. Clinical Experience

Concurrent with didactic instruction, the practical application of the various examinations is demonstrated by the Clinical Instructor, Clinical Preceptor, or Program Director during clinical rotations.

3. Supervised Clinical Exam Performance:

After an appropriate time frame for demonstration and experience, students are required to log, in the Trajecsys Clinic Report System™, all levels of repetitions of each clinical exam under the immediate and direct supervision of a credentialed technologist. Each student will keep a Daily Log Sheet in Trajecsys of all levels of repetition and successful completion is documented by the Clinical Instructor, Clinical Preceptor, or Program Director.

4. Clinical Competency

After completing a particular number of Level 5 (Performed Independently) repetitions of a specific examination under direct supervision on a patient, the student may request to be evaluated on that specific examination. Competency exams may be conducted by the Clinical Preceptor, Program Director or any Clinical Instructor. Successful completion of a Competency exam **does not** qualify a student to perform that particular examination under indirect supervision.

5. Comprehensive Evaluation

At mid-term and semester end, the Clinical Preceptor or Program Director will select an exam for the student to complete as a comprehensive assessment. Comprehensive exams are selected from those exams in which the student has already completed a Competency evaluation. Successful completion is documented by the Clinical Instructor, Clinical Preceptor, or Program Director.

Overall Weighted Average / Semester

Each student is required to achieve a minimum overall weighted clinical average of **86%** at the end of each semester in order to successfully complete the clinical education component of the program. Due to the progressive nature of the clinical education component, no provisions are provided for repeating a clinical level. Each clinical education level must be completed before advancing to the subsequent semester; therefore, students who fail to achieve an **86%** weighted clinical average at the end of each semester will be dismissed from the program. Students are counseled by the Program Director regarding their clinical progress at mid-term, semester end, and/or as needed; however, it is the student's responsibility to maintain awareness of their clinical progress at all times.

Clinical Grade Calculation

The student's clinical grade consists of several components, each utilizing a different mechanism to assure a complete and comprehensive evaluation of clinical performance. The following components and weighted averages are utilized:

<u>Component</u>	<u>Weighted Average</u>
Daily Log Sheets	5%
Clinical Preceptor Points	10%
Performance Check-lists	10%
Evaluations	10%
Clinical Competencies	30%
Comprehensive Exams	15%
Required Competencies	20%

Each clinical grading component and related forms are included and explained in the student Trajecsys Clinic Report System™ for each performance level.

Clinical Grade Scale

The following grading scale will be utilized as an objective evaluation mechanism for representing the student's clinical grade and performance.

<u>Percentage Grade</u>	<u>Letter Grade</u>
93% - 100%	A
86% - 92%	B
78% - 85%	C
70% - 77%	D
< 70%	F



MRI Education Program Director