

CURRICULUM

SANFORD MEDICAL CENTER SIOUX FALLS SCHOOL OF RADIOLOGIC TECHNOLOGY CURRICULUM

FIRST YEAR CLINICAL ROTATIONS

During the first year, students will rotate through the following areas:

1. Clerical Rotation (1 week)
2. Routine Radiographic Rooms
3. Fluoroscopic Rooms
4. Mobile Radiography
5. Surgery
6. Emergency Department
7. Interventional Radiography
8. Sanford Children's Hospital
9. Sanford Heart Hospital
10. Medical Building 2 / OP Clinic
11. Vandemark Outpatient Clinic
12. Weekday Evening Rotation
13. Weekend Rotation
14. Patient Transport (1 week)
15. Imagenetics Clinic
16. Sanford Clinic 69th & MN*

*(NOTE: All clinical rotation sites are directly connected to the main hospital, except those marked with *)*

First Year Courses

The following is a list of courses, which are taught at Sanford Medical Center. The content is structured to include those courses of a curriculum recognized and accepted by the JRCERT (ASRT Curriculum). The program requires full-time attendance.

First Quarter

Course Number	Course	Clock Hours
Rad. Tech. 1111	Introduction to Radiology	25
Rad. Tech. 1112	Patient Care & Education I	36
Rad. Tech. 1113	Medical Terminology I	15
Rad. Tech. 1114	Anatomy & Physiology I	30
Rad. Tech. 1115	Radiation Protection	60
Rad. Tech. 1116	Imaging Procedures I	30
Rad. Tech. 1119	Applied Radiography I	250

Second Quarter

Course Number	Course	Clock Hours
Rad. Tech. 1212	Patient Care & Education II	36
Rad. Tech. 1213	Medical Terminology II	15
Rad. Tech. 1214	Anatomy & Physiology II	30
Rad. Tech. 1216	Imaging Procedures II	30
Rad. Tech. 1118	Image Evaluation I	12
Rad. Tech. 1117	Image Acquisition I	32
Rad. Tech. 1219	Applied Radiography II	265

Third Quarter

Course Number	Course	Clock Hours
Rad. Tech. 1314	Anatomy & Physiology III	30
Rad. Tech. 1316	Imaging Procedures III	30
Rad. Tech. 1218	Image Evaluation II	13
Rad. Tech. 1217	Image Acquisition II	32
Rad. Tech. 1319	Applied Radiography III	350

Fourth Quarter

Course Number	Course	Clock Hours
Rad. Tech. 1414	Anatomy & Physiology IV	40
Rad. Tech. 1416	Imaging Procedures IV	40
Rad. Tech. 1318	Image Evaluation III	25
Rad. Tech. 1419	Applied Radiography IV	350

SECOND YEAR CLINICAL ROTATIONS

During the second year, students will rotate through the following areas:

1. Routine Radiographic Rooms
2. Fluoroscopic Rooms
3. Mobile Radiography
4. Surgery
5. Emergency Department
6. Interventional Radiography
7. Sanford Children's Hospital
8. Sanford Heart Hospital
9. Medical Building 2 / OP Clinic
10. Vandemark Outpatient Clinic
11. Sanford Clinic Medicine 49th & Oxbow*
12. Weekday Evening Rotation
13. Weekend Rotation
14. Computerized Tomography
15. Magnetic Resonance Imaging
16. Ultrasound – *Elective*
17. Mammography – *Elective*
18. Nuclear Medicine – *Elective*
19. Radiation Therapy – *Elective*
20. Interventional PA - *Elective*
21. Sanford Clinic 69th & MN*

(NOTE: All clinical rotation sites are directly connected to the main hospital, except those marked with *)

Fifth Quarter

Course Number	Course	Clock Hours
Rad. Tech. 2111	Radiation Physics	45
Rad. Tech. 2112	Imaging Equipment & QC	69
Rad. Tech. 2212	CT Imaging	16
Rad. Tech. 2118	Image Evaluation IV	15
Rad. Tech. 2119	Applied Radiography IV	310

Sixth Quarter

Course Number	Course	Clock Hours
Rad. Tech. 2114	Radiation Biology	30
Rad. Tech. 2218	Image Evaluation V	12
Rad. Tech. 2116	Scientific Research Paper	28
Rad. Tech. 2219	Applied Radiography VI	350

Seventh Quarter

Course Number	Course	Clock Hours
Rad. Tech. 2318	Image Evaluation VI	15
Rad. Tech. 2115	Radiographic Pathology I	30
Rad. Tech. 2117	Comprehensive Review I	60
Rad. Tech. 2319	Applied Radiography VII	350

Eighth Quarter

Course Number	Course	Clock Hours
Rad. Tech. 2418	Image Evaluation VII	15
Rad. Tech. 2215	Radiographic Pathology II	30
Rad. Tech. 2217	Comprehensive Review II	50
Rad. Tech. 2419	Applied Radiography VIII	290

For the safety of students and patients, not more than 10 clinical hours shall be scheduled in any one day. Scheduled didactic and clinical hours combined cannot exceed 40 hours per week. Hours exceeding these limitations must be voluntary on the student's part.