# Clinical Experience Booklet

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Structure of Clinical Experience Education for Radiologic Technology

Clinical education for Radiologic Technology students at Fulton-Montgomery Community College is divided into five significant and required units.

1. RAD 120 Clinical Experience I (first semester freshman)
2. RAD 121 Clinical Experience II (second semester freshman)
3. RAD 122 Clinical Experience III (summer session freshman)
4. RAD 220 Clinical Experience IV (first semester sophomore)
5. RAD 221 Clinical Experience V (second semester sophomore)

Final Competency (See Policy #21)

References for all Clinical Experience Courses:


Clinical Experience Booklet, FMCC Radiologic Technology Program.

Student Orientation Booklet, FMCC Radiologic Technology Program.


Student Clinical Experience Schedule

Clinical Experience is assigned to six area hospitals, one orthopedic practice, an out patient radiation therapy practice, a pediatric and a trauma rotation at a trauma center. The freshman students will start their clinical experience in a lab/classroom setting for an orientation period of approximately four weeks. Students will attain skills in the function of the radiographic equipment (film and digital imaging), ascertain cassette sizes, practice safe exposure techniques, be introduced to radiation safety and learn film identification. The lab is located on campus C005. The freshman will be assigned to their hospital Tuesday and Thursday of each week. In Clinical Experience II the freshman will have one week of clinical experience prior to the start of the spring semester. The summer session provides the student with eight weeks of full-time, 40-hour workweek departmental experience as well as a one week pediatric rotation. This is a most effective time for students to work on accuracy and timeliness and competency requirements.
The summer session provides sophomore students with two weeks of departmental experience at a **new** clinical site. After the two week summer assignment, sophomore students will be assigned to their hospital Monday, Wednesday, and Friday each week. In the fall of the sophomore year, student will rotate through the “specialty” modalities, (Angio, CT, Nuclear Medicine, MRI, Radiation Therapy, and Ultrasound) as well as a weekend trauma rotation. Students may request voluntary opportunities to observe/participate specific special procedures that are not commonly performed at all clinical sites.

**Clinical Experience Settings:**

- Bassett Healthcare, Cooperstown
- Cobleskill Regional Hospital, Cobleskill
- Ellis Hospital, Schenectady
- Nathan Littauer Hospital, Gloversville
- St. Mary’s Hospital, Amsterdam
- Wilton Medical Center, Saratoga Springs affiliated with Saratoga Hospital
- Saratoga Hospital, Saratoga Springs includes Wilton
- Mohawk Valley Orthopedics, Amsterdam
- New York Oncology Hematology (Radiation Therapy), Amsterdam
- Albany Medical Center Hospital, Albany

**Affiliate Hospitals Radiation Safety Officers (RSO):**

Bassett Healthcare Cooperstown
Cobleskill Regional Hospital
Dr. S. Verma

Ellis Hospital
McClellan Campus
Dr. Amal Alryati

Nathan Littauer Hospital
Mike McBiles, M.D.

St. Mary’s Hospital
Amsterdam Memorial Campus
E. Millitar, M.D.

Saratoga Hospital
Wilton Medical
Angela Watt, M.D.

revised 1-06, 5-06, 7/08, 5/09, 6/10, 6/11, 6/12/cc/7/12cc
CLINICAL EXPERIENCE
SYLLABUS

RAD 120 Clinical Experience I (first semester freshman) - 4 credit hours
RAD 121 Clinical Experience II (second semester freshman) - 4 credit hours
RAD 122 Clinical Experience III (summer session freshman) - 7 credit hours
RAD 220 Clinical Experience IV (first semester sophomore) - 6 credit hours
RAD 221 Clinical Experience V (second semester sophomore) - 6 credit hours

Clinical Coordinators:
Cindy Close, MA, RT(R), RDMS, RDCS
Program Director
Office Hours: C005B Monday 3-5 PM, Tuesday 8-11 AM cindy.close@fmcc.suny.edu
736-3622 Ext 8902
Karlyn LaBate, BS, RT(R), (M),(CV)
Clinical Coordinator/Instructor
Office Hours: C005A Monday/Wednesday 3-4PM, Friday 10-11 AM karlyn.labate@fmcc.suny.edu 736-3622 Ext. 8901

Required Texts:
Student Orientation Booklet
Clinical Experience Booklet

References for all Clinical Experience Courses:


Bontraiger, Kenneth & Lampignano, John, Handbook of Radiographic Positioning and Techniques, 7th Ed. Mosby, 2000 (sophomore only)

Course Description:
Clinical Experience is assigned to six area hospitals, one orthopedic practice, an out patient radiation therapy practice, a pediatric and a trauma rotation at a trauma center. The freshman students will start their clinical experience in a lab/classroom setting for an orientation period of approximately four weeks. Students will attain skills in the function of the radiographic equipment (film and digital imaging), ascertain cassette sizes, practice safe exposure techniques, and learn film identification. The lab is located on campus C005. The freshman will be assigned to their hospital Tuesday and Thursday of each week. In Clinical Experience II the freshman will have one week of clinical experience prior to the start of the spring semester. The summer session provides the student with eight weeks of full-time, 40-hour workweek departmental experience as well as a one week pediatric rotation. This is a most effective time for students to work on accuracy and timeliness and competency requirements.

The summer session provides sophomore students with two weeks of departmental experience at a new clinical site. After the two week summer assignment, sophomore students will be assigned to their hospital Monday, Wednesday, and Friday each week. In the fall of the sophomore year, student will rotate through the “specialty” modalities, (Angio, CT, Nuclear Med., MRI, Radiation Therapy, and Ultrasound) as well as a weekend trauma rotation. Students may request voluntary opportunities to observe/participate specific special procedures that are not commonly performed at all clinical sites.

Clinical Experience Settings:

- Bassett Healthcare, Cooperstown
- Cobleskill Regional Hospital, Cobleskill
- Ellis Hospital, Schenectady
- Nathan Littauer Hospital, Gloversville
- St. Mary’s Hospital, Amsterdam
- Saratoga Hospital, Saratoga, includes Wilton Medical Center
- Mohawk Valley Orthopedics, Amsterdam
- *New York Oncology Hematology (Radiation Therapy), Amsterdam *Observation only
- Albany Medical Center Hospital, Albany
Affiliate Hospitals Radiation Safety Officers (RSO):

Bassett Healthcare Cooperstown
Cobleskill Regional Hospital
Dr. S. Verma.

Ellis Hospital
McClellan Campus
Dr. Amal Alryati

Nathan Littauer Hospital
Mike McBiles, M.D.

St. Mary’s Hospital
Amsterdam Memorial Campus
E. Millitar, M.D.

Saratoga Hospital
Wilton Medical
Angela Watt, M.D.

Program Objectives:
At the completion of the Radiologic Technology Program, students will:

- Attain clinical competency in the performance of basic radiologic procedures
- Demonstrate problem solving and critical thinking skills
- Cultivate and promote good communication skills with patients, staff and others
- Establish a role as a medical imaging professional. Develop moral, ethical and legal principles of professionalism.

Clinical Participation: The student actively observes and participates with the radiographer during radiographic procedures. As students gain experience in various procedures, he/she masters the stages of competency resulting in their professional independence. All mandatory and elective competencies must be completed at the end of this semester. Students must have direct supervision, until competencies tests are passed. See Policy # 13. The passing of these competencies will allow the student to perform the specific diagnostic procedure requiring indirect supervision. Repeat radiographs are always performed under the direct supervision of clinical faculty or a licensed radiographer.

Course Policies:
GRADING/EVALUATION
Grade worksheets and evaluations will be utilized to determine clinical experience grades. The faculty will review these forms with the students and have the students sign each form as an indication that both parties reviewed the worksheets/evaluations. The clinical grade is either satisfactory ‘S’, Incomplete ‘I’ or Unsatisfactory U’. Unsatisfactory grades require expulsion from the program. A numeric grade is also calculated. Students must achieve a minimum of ‘C’ (74.5-76.4) to receive a Satisfactory clinical grade. The clinical grade has 5 components:
- Satisfactory completion of assigned area evaluations
- Satisfactory completion of required competencies
- Satisfactory attendance
- 85% on the critical thinking competency (when required)
- Satisfactory Professional assessment (from clinical instructor)
- Successful completion of the final competency (at the end of the program)

A student who is expelled from the clinical site for any reason shall be removed from the program

Area Evaluations
At the beginning of each semester the student will be given a list of the areas of their clinical affiliate, in which, performance will be evaluated by the clinical faculty or licensed radiographer. Area evaluations are used at the end of an assigned rotation to ascertain the student’s level of performance. It represents skills that are satisfactory, consistent in his/her performance; progressing, developing skills, and unsatisfactory, performance unacceptable. Area evaluations are to be completed by a licensed radiographer or clinical faculty. All evaluations must be signed and kept in the student’s clinical folder.

Clinical Competency Tests
Clinical competency is achieved through the student observing, participating and mastering their skills prior to competency testing. The students must pass a series of, at least three, proficiency evaluations prior to competency testing. Student may take as many proficiency evaluations as they feel necessary before taking their competency test. Clinical faculty or clinical staff radiographers may evaluate competency testing. All competency tests listed on the Clinical Competency Test Checklist with a grade of 85 or better, must be successfully completed in RAD 221. If the student has not successfully completed all the required competencies clinical requirements, a grade of “I” will be recorded on the transcript at the discretion of the faculty. Students receiving an ‘I’ as a clinical grade will not graduate from the program in May. The student may be offered a remediation program for clinical competency at the discretion of the program director. Students participating in final clinical remediation must successfully complete all required competencies/clinical requirements in order for a change of grade to an ‘S’ for RAD 221 to be submitted.
Failure on a competency test will require that a student begin the proficiency evaluation cycle again with faculty supervision. A failing grade will be averaged with all the other competency tests completed.

Final Competency
This competency is a program requirement. The final competency can only be scheduled when all Mandatory and Elective competencies required by the ARRT are completed. This competency will determine if the student is qualified to sit for the boards. The students must pass this competency test before they can make arrangements with the ARRT for their examination date. For specific details, see Policy # 21
Critical thinking competency
Students are required to complete a critical thinking competency at the midterm and at the end of each semester (waived for first freshman, summer and last sophomore semesters). A score of 85% is required to pass the competency and is included as part of the final clinical grade.

Film Critique Assessment
Film critique is an integral part of RAD 202 (Patient Care II). Ten film critique assessments will be completed by the end of the sophomore year. In addition, 4 hours of documented time with a radiologist at the clinical site is required.

Clinical Experience Evaluation
Each assigned faculty shall evaluate the student progress at mid-term and at the end of the semester.

Dress Code Compliance
Compliance with the dress code is expected. Failure to comply will result in a scaled loss of grade points.

Attendance
Students are expected to be at their clinical sites, **on time** for each scheduled clinical day. If a student is unable to attend clinical because of illness or any other unavoidable reason, the student MUST call Mrs. LaBate (freshman) or Mrs. Close (sophomore) to be excused from the clinical site. The student must then call the clinical site to inform them of their absence.

- Excused days are at the sole discretion of faculty. **Two clinical days of banked time per semester are available for each class** (freshman and sophomore).
- Absences will be measured in whole days only.
- Any absence over two days per semester must be an unavoidable absence and must be approved by the program director and/or clinical coordinator.
- **Approved** absences over 2 clinical days must be made up before the end of the semester. Make-up days can only be utilized during school exam periods, if the student does not have exams. Arrangements for make-up days are to be made with the Clinical Instructor and the FMCC faculty. If there are any days not made up by the end of the semester, the student will receive a “U” for the final grade for the Clinical Experience course. **This will mean termination from the program.**
- **Approved** absences of 2 hours or less do NOT require the use of a bank day.

**COMPETENCIES** - A confidential clinical competency file for each student will be maintained by the Program Director. At the end of the clinical course of study, the Program Director will attest to the successful completion of 31 mandatory and 15 elective competency procedures with the American Registry of Radiologic Technologists providing admission to the ARRT Registry Examination.
This course is designed for the freshman student to obtain clinical expertise in an actual radiology department setting. The outcome of this experience will establish a professional standard of conduct, a sense of compassion for patients, a desirable work ethic and skills necessary to perform and produce quality diagnostic radiographs/images. The clinical setting is structured to coordinate competencies learned in RAD 101, RAD 110, and RAD 130.

At the completion of Clinical Experience I, the student should be able to:


2. Competently perform the basic routine procedures evaluated during the Semester’s clinical competency tests utilizing the stages of competency as set in the “Directives for Clinical Competency”.

3. Supply room, identify and manipulate equipment, and set up for basic routine procedures in the assigned radiographic room.


5. Process digital Image and QC any data as applicable.

6. Identify the patient services available within the department.

7. Utilize the proper clerical protocols for the patient’s medical record.

8. Begin to develop image evaluation skills at formal/informal film critique sessions.

9. Identify the public/patient safety procedures with the clinical facility.

10. Strive for professional growth as a radiologic technologist.

11. Identify and describe the basic components of health safety issues/policies included in the Student Orientation Booklet.
This course is designed for the freshman student to obtain clinical expertise in an actual radiology department setting. The first week of this session will be a full 40-hour week in the affiliate hospital. This week will give the student insight to a typical workweek as a radiologic technologist. The outcome of this experience will establish a professional standard of conduct, a sense of compassion for patients, a desirable work ethic and skills necessary to perform and produce quality diagnostic radiographs. The clinical setting is structured to coordinate competencies learned in RAD 110, RAD 111.

At the completion of Clinical Experience II, the student should be able to:

1. Apply competencies learned in RAD 110, RAD 120, RAD 121 and RAD 111 courses: Radiographic Procedures II, Radiographic Physics II, and radiation protection/safety issues.

2. Competently perform the basic routine procedures evaluated during the Semester’s clinical competency tests utilizing the stages of competency as set in the “Directives for Clinical Competency”.

3. Supply room, identify and manipulate equipment, and set up for basic routine procedures in the assigned radiographic room.


5. Process digital Image and QC any data as applicable.

6. Identify the patient services available within the department.

7. Utilize the proper clerical protocols for the patient’s medical record.

8. Begin to develop image evaluation skills at formal/informal film critique sessions.

9. Identify the public/patient safety procedures with the clinical facility.

10. Strive for professional growth as a radiologic technologist.

11. Identify and describe the basic components of health safety issues/policies included in the Student Orientation Booklet.
This course is designed for the first summer session for freshman students to obtain clinical expertise in an actual radiology department setting. The outcome of this experience will establish a professional standard of conduct, a sense of compassion for patients, a desirable work ethic and skills necessary to perform and produce quality diagnostic radiographs. Working in a day-to-day environment, the student will observe those procedures that might not be seen two days a week. The clinical setting is structured to coordinate competencies learned in RAD 110, RAD 111, RAD 120, and RAD 121.

At the completion of Clinical Experience III, the student should be able to:

1. Apply competencies learned in RAD 120, RAD 121 courses: Radiographic Procedures II, Radiographic Physics II, and radiation protection/safety issues.

2. Competently perform the basic routine procedures evaluated during the semester clinical competency tests utilizing the stages of competency as set in the “Directives for Clinical Competency”.

3. Supply room, identify and manipulate equipment, and set up for basic routine procedures in the assigned radiographic room.


5. Process the digital image and QC any data as applicable.

6. Identify the patient services available within the department.

7. Utilize the proper clerical protocols for the patient’s medical record.

8. Begin to develop image evaluation skills at formal/informal film critique sessions.

9. Identify the public/patient safety procedures with the clinical facility.

10. Strive for professional growth as a radiologic technologist.

11. Identify and describe the basic components of health safety issues/policies included in the Student Orientation Booklet.
This course is designed for the first semester sophomore student to obtain clinical expertise in an actual radiology department setting. The outcome of this experience will establish a professional standard of conduct, a sense of compassion for patients, a desirable work ethic and skills necessary to perform and produce quality diagnostic radiographs. The clinical setting is structured to coordinate competencies learned in RAD 120, RAD 121, RAD 122, RAD 210, and RAD 230.

At the completion of Clinical Experience IV, the student should be able to:


2. Competently perform the advanced procedures evaluated during the semesters clinical competency tests and develops mastery in performing procedures indicated on the “Directives for Clinical Competency”.

3. Identify and manipulate equipment, supplies and set up for routine and advanced exams in assigned room.


5. Process digital image and QC any data as applicable.

6. Identify the patient services available within the department.

7. Utilize the proper clerical protocols for the patient’s medical record.

8. Begin to develop image evaluation skills at formal/informal film critique sessions.

9. Identify the public/patient safety procedures with the clinical facility.

10. Strive for professional growth as a radiologic technologist.

11. Perform pediatric and geriatric radiography.
This course is designed for the second semester sophomore students to obtain clinical expertise in an actual radiology department setting. The outcome of this experience will establish a professional standard of conduct, a sense of compassion for patients, a desirable work ethic and skills necessary to perform and produce quality diagnostic radiographs. The clinical setting is structured to coordinate competencies learned in RAD 211 with greater expectations of clinical skills and critical thinking skills by evaluating clinical situations where problem solving is based on acceptable standards of practice.

At the completion of Clinical Experience V, the student should be able to:

1. Apply competencies learned in RAD 221, and courses: Advanced Radiographic Procedures I, Radiologic Health, radiation protection/safety issues, image evaluation, and establish a role as a radiology professional.

2. Competently perform the advanced procedures evaluated during the semesters clinical competency tests and develops mastery in performing procedures indicated on the “Directives for Clinical Competency”.

3. Identify and manipulate equipment, supplies and set up for routine and advanced exams in assigned room.

4. Begin to develop image evaluation skills at formal/informal film critique sessions.

5. Identify the public/patient safety procedures with the clinical facility.

6. Strive for professional growth as a radiologic technologist.

7. Demonstrate problem solving and critical thinking skills necessary to perform effectively in today’s health care environment.

8. Demonstrate knowledge of cross-sectional anatomy.

CLINICAL COURSE REQUIREMENTS

- **Attendance and punctuality** are expected at every clinical class.
- **Prompt notification** of absence by calling the clinical instructor and the Radiology Department faculty is required.
- **Active participation** in the clinical setting
- **Professional manner** towards patient, their families, hospital staff, classmates and faculty is expected.
- **Successful completion of all remaining procedural competency tests (mandatory and elective, and Final)** as listed on the Clinical Competency Test Checklist, and all assigned area evaluations must be completed with a minimum score of 85% in order to obtain a grade of Satisfactory.
- A grade of Satisfactory is required in order to graduate.
- Complete and submit student’s clinical folder.

**Clinical Days and Hours**

Clinical experience is generally held on Tuesday/Thursday- (freshmen) and Monday/Wednesday/Friday (sophomore). Full time weeks are Monday-Friday. **Total didactic and clinical hours may not exceed 40 hours per week.**

Students are expected to be at their clinical sites from **8:00 AM until 4:00 PM, daily**

Freshmen students will participate in a pediatric rotation at Albany Medical Center Hospital during the summer clinical session. This will be a one-week affiliation. Students are excused from their regular clinical site for this rotation.

Freshmen students will participate in an orthopedic office rotation at Mohawk Valley Orthopedics during their second semester. This will be a two-day (Tuesday/Thursday) rotation. Students are excused from their regular clinical site for this rotation.

Sophomore students will participate in a trauma rotation at Albany Medical Center Hospital. This will be for two 8-hours shifts and will be accomplished on weekends including evening and night shifts. Students will participate in a one-day angiography rotation as part of their trauma rotation. This will occur on the Wednesday of the week following their weekend trauma rotation. Students are excused from their regular clinical site on the Friday and Monday and the following Wednesday of their trauma rotation.

Sophomore students will participate in a radiation therapy rotation at NY Oncology and Hematology, Amsterdam, NY. If radiation therapy is not available at the regular clinical site. This will be a two-day (Wednesday/Friday) rotation. Students are excused from their regular clinical site for this rotation.

Students may be asked to change their hours for particular experiences. For example, if a student is scheduled for a rotation in mobile radiography, they may be asked to work from 6:00 AM until 2:00 PM. Changes in clinical hours must be approved in advance by the clinical coordinator.

Sophomore students, who are in their last semester, may request an occasional change of shift or weekend day. These changes must be approved by the clinical coordinator and clinical instructor in advance. **Total didactic and clinical hours may not exceed 40 hours per week or 8 hours per day.**

Students may request voluntary opportunities to observe/participate in special procedures that are not commonly preformed at all clinical sites.

*This syllabus is subject to change with notice. Additional information can be found in the Clinical Experience Booklet. Rev. 6/11, 6/12, 7/12, cc*
Fulton-Montgomery Community College Radiologic Technology Program
Policy # 13

**Freshman Level of Supervision/Direct Supervision**

Fulton-Montgomery Community College Radiologic Technology Program recognizes the Joint Review Committee on Education in Radiologic Technology (JRCERT) standards for this aspect of clinical experience. While FMCC is not yet accredited through this agency, we feel this standard speaks for the well being of our students’ education.

The standard is as follows:

Standards for an Accredited Educational Program in Radiologic Sciences, direct supervision is defined as a licensed radiographer/clinical instructor actually present for the total radiographic procedures at the specific exposure site. Until a student achieves and documents competency in a given procedure, all clinical assignments shall be carried out under direct supervision of qualified radiographers. The parameters of direct supervision are:

1. The qualified radiographer reviews the request for examinations in relation to the student’s achievement;
2. The qualified radiographer evaluates the condition of the patient in relation to the student’s achievement;
3. A qualified radiographer is present during the conduct of the examination; and
4. The qualified radiographer reviews and approves the radiographs.

**NOTE:** Unsatisfactory radiographs shall be repeated only in the presence of a qualified radiographer, regardless of the student’s level of competency.

**Sophomore Level of Supervision/Indirect Supervision**

In accordance with the JRCERT Standards for an Accredited Educational Program in Radiologic Sciences, indirect supervision is defined as that supervision provided by a qualified radiographer (and/or clinical instructor) immediately available to assist students regardless of the level of student achievement. Until a student achieves and documents competency in a given procedure, all clinical assignments shall be carried out under direct supervision of qualified radiographers.

The clinical instructor or faculty is present at the affiliate to review the request for examination, evaluate patient condition, assign patients to students, assist students and evaluate radiographs with the student.

**NOTE:** Unsatisfactory radiographs shall be repeated only in the presence of a qualified radiographer, regardless of the student’s level of competency.
FULTON-MONTGOMERY COMMUNITY COLLEGE
Radiologic Technology Program
Clinical Experience Evaluation by Student

Affiliate Institution: ______________________________________________________

Semester: ______________________________________ Class of ____________

4 = Strongly Agree
3 = Agree
2 = Disagree
1 = Strongly Disagree

Please answer each question carefully and thoughtfully.
If you do not have an opinion or the question does not apply to you/your situation,
please leave it blank.

1. The clinical education site was conducive to learning? (Circle one)

   4  3  2  1
   SA  A  D  SD

   Comments:

   List strong points:
   1.

   2.

   3.

   List weak points:
   1.

   2.

   3.
2. At your competency level, the quality and quantity of radiographic procedures are adequate.

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<tr>
<td>SA</td>
<td>A</td>
<td>D</td>
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Comments:

3. The clinical faculty facilitated the combination of your activities in the departmental operation and staff activities.

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<td>SA</td>
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Comments:

What could be done to combine your activities more easily?

4. The clinical instructor (or college faculty) motivated you to reach your potential educational growth.

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Comments:

5. The staff technologists allowed to evaluate competency motivated you to reach your potential educational growth.

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</thead>
<tbody>
<tr>
<td>SA</td>
<td>A</td>
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Comments:

What could have been done to improve this?

6. The staff technologists exhibited positive professionalism traits.

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<tbody>
<tr>
<td>SA</td>
<td>A</td>
<td>D</td>
<td>SD</td>
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</tbody>
</table>

Comments:
What could have been done to improve this?

7. The clinical instructors were positive role models, and exhibited high ethical standards.

    4  3  2  1  
   SA  A  D  SD

Comments:

What could have been done to improve this?

8. The clinical supervisors (college adjuncts) were positive role models, and exhibited high ethical standards.

    4  3  2  1  
   SA  A  D  SD

Comments:

What could have been done to improve this?

9. The direct supervision (prior to competence) while working with patients followed college policy.

    4  3  2  1  
   SA  A  D  SD

Comments:

10. The indirect supervision (after competence) while working with patients followed college policy.

    4  3  2  1  
   SA  A  D  SD
Comments:

11. The repeat policy of the college was followed as directed.

4  3  2  1
SA  A  D  SD

Comments:

12. The film critique sessions were useful and productive.

4  3  2  1
SA  A  D  SD

Comments:

13. Are all Radiology Program forms filled out appropriately and timely?
   Yes  No

14. Your overall clinical experience was satisfactory.

4  3  2  1
SA  A  D  SD

Comments:

15. The clinical staff and clinical instructors encouraged a cohesive atmosphere. Students were included as “part of the team”

4  3  2  1
SA  A  D  SD

Comments:

What improvements could you suggest for your clinical site?
Name___________________________________________Semester________________________RT_____
Class of ______ Date_____________________________ Hospital________________________________

<table>
<thead>
<tr>
<th>Weights</th>
<th>Category Explanation</th>
<th>% category</th>
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<tbody>
<tr>
<td>30</td>
<td>AREA EVALUATIONS</td>
<td>Discussion</td>
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<tr>
<td></td>
<td>Each student must complete area evaluations assigned and have all bi-weekly graded area evaluations by staff</td>
<td></td>
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<tr>
<td></td>
<td># Area Evaluations assigned ______, # completed ______, average score ______ %</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>CLINICAL COMPETENCY TESTS</td>
<td>Lab Report</td>
</tr>
<tr>
<td></td>
<td>Each student must complete a minimum of 31 mandatory competency tests during RT 120 – RT 221 with no less minimum level of expected performance. Failure to meet the minimum level requires that the proficiency learning cycle begin again. A minimum of 3-5 competency tests must be completed in RT 120 and 15 competency tests per semester thereafter. Students must successfully complete the required 31 mandatory and 15 elective competency tests in order to graduate. The Competency test scores (including failures) will be averaged. If insufficient competency tests have been completed by midterm or final an ‘I’ Incomplete grade will be recorded. Competencies completed ______, avg. %</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Professional Ethics: Patient rights, integrity, honesty, character, reaction to criticism</td>
<td>Assessment</td>
</tr>
<tr>
<td></td>
<td>3 Demonstrates highest level of professional integrity, always on time, never absent, always in assigned area</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2 Adheres to professional standards in acceptable manner, usually on time, usually in assigned area</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 Attempts professional conduct, usually succeeding, sometimes tardy or absent, sloppy non-compliance with dress code</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0 Ignores rights of others, displays a negative attitude, frequently tardy or absent</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3 = 10, 2 = 7.5, 1 = 5, 0 = 0</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>ASSESSMENT OF PROFESSIONAL GROWTH</td>
<td>Performance</td>
</tr>
<tr>
<td></td>
<td>Each student must have a Professional Assessment form completed by each of the assigned faculty or clinical coordinator or designated staff technologist at midterm. 100% = 30 total points.</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>CRITICAL THINKING</td>
<td>Exam</td>
</tr>
<tr>
<td></td>
<td>Each student must demonstrate coordination of classroom learning with clinical performance. Students will be evaluated for critical thinking at the midterm and end of each semester by performing examinations in which they have achieved competency. Percent scores will be used as the measure of critical thinking.</td>
<td></td>
</tr>
</tbody>
</table>

Total Grade ____________
COMMENTS:

Grade Earned: ______
Evaluator’s Signature ____________________________________________ Date ______________
Student’s Signature ______________________________________________ Date ______________

Student’s Signature does not necessarily signify agreement with comments.

Rev 5/07, 5/09, 6/10 .6/11cc 1/23/12, 6/12cc, 7/12/cc
## CLINICAL EXPERIENCE
### FINAL GRADE WORKSHEET

<table>
<thead>
<tr>
<th>Name____________________________________________</th>
<th>Semester______________________</th>
<th>RT____</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class of ______ Date_______________________________</td>
<td>Hospital _____________________</td>
<td></td>
</tr>
</tbody>
</table>

### Weights

| Category | Percentage | Category Explanation | %
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>AREA EVALUATIONS</td>
<td>30</td>
<td>Each student must complete area evaluations assigned and have all bi-weekly graded area evaluations by staff.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td># Area Evaluations assigned ______, # completed ______, average score ______%</td>
<td></td>
</tr>
<tr>
<td>CLINICAL COMPETENCY TESTS</td>
<td>30</td>
<td>Each student must complete a minimum of 31 mandatory competency tests during RT 120 – RT 221 with no less minimum level of expected performance. Failure to meet the minimum level requires that the proficiency learning cycle begin again. A minimum of 3-5 competency tests must be completed in RT 120 and 15 competency tests per semester thereafter. Students must successfully complete the required 31 mandatory and 15 elective competency tests in order to graduate. The Competency test scores (including failures) will be averaged. If insufficient competency tests have been completed by midterm or final an ‘I” Incomplete grade will be recorded. Competencies completed ______, avg. %</td>
<td>Lab Report</td>
</tr>
<tr>
<td>PROFESSIONAL ETHICS</td>
<td>10</td>
<td>Patient rights, integrity, honesty, character, reaction to criticism</td>
<td>Assessment</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 = Demonstrates highest level of professional integrity, always on time, never absent, always in assigned area</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 = Adheres to professional standards in acceptable manner, usually on time, usually in assigned area</td>
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<td>1 = Attempts professional conduct, usually succeeding, sometimes tardy or absent, sloppy non-compliance with dress code</td>
<td></td>
</tr>
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</tr>
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<td>3 = 10, 2 = 7.5, 1 = 5, 0 = 0</td>
<td></td>
</tr>
<tr>
<td>ASSESSMENT OF PROFESSIONAL GROWTH</td>
<td>15</td>
<td>Each student must have a Professional Assessment form completed by each of the assigned faculty or clinical coordinator or designated staff technologist at midterm.</td>
<td>Performance</td>
</tr>
<tr>
<td>CRITICAL THINKING</td>
<td>15</td>
<td>Each student must demonstrate coordination of classroom learning with clinical performance. Students will be evaluated for critical thinking at the midterm and end of each semester by performing examinations in which they have achieved competency. Percent scores will be used as the measure of critical thinking.</td>
<td>Exam</td>
</tr>
</tbody>
</table>

**Total Grade** ____________
Fulton-Montgomery Community College
Radiologic Technology Program

AREA EVALUATION ASSIGNMENTS
Bassett Healthcare Cooperstown

STUDENT: ________________________________

Assessment of Professional Growth (2 forms from each assigned clinical faculty).
Assigned Clinical Coordinator /clinical faculty: ________________________________

AREA EVALUATIONS

You are responsible for collecting one (1) Area Evaluation from each of the following 14 areas (11 areas for RAD 120 and RAD 121).

# of Evaluations assigned _____
Initials of clinical coordinator _____

Area Evaluations to be completed by supervising R.T.

Main Department:
1. Radiographic and Fluoroscopic Room # 1
2. Digital Radiographic and Fluoroscopic Room # 2
3. Digital Radiographic/tomographic Room #3
4. Fugi Digital Radiographic Room #4

Clinic Area:
5. Digital Radiographic Room #1
6. Digital Radiographic Room #2

7. and 8. Portable (AMX 4 and 4+) procedure and equipment
9. Operating Room – 2 C-arm units OEC (9800)

Mohawk Valley Orthopedics (MVO) Amsterdam Orthopedics
Pediatrics- Albany Medical Center Hospital
US (excluded RAD 120 and 121)
CT (excluded RAD 120 and 121)
MRI (excluded RAD 120 and RAD 121)
NM (excluded RAD 120 and RAD 121)
Radiation Therapy (excluded RAD 120 and RAD 121)
Trauma (excluded RAD 120 and RAD 121)
Optional: Lithotripsy and PET (excluded RAD 120 and RAD 121)
DEXA
Angiography
Area evaluations to be completed by the student

10. Patient Services
11. Public/Patient Safety

source: MCC
Revised: 1-06, 8-06, 5-07, 6/08, 5/09, 6/11cc
Fulton-Montgomery Community College  
Radiologic Technology Program

AREA EVALUATION ASSIGNMENTS  
Cobleskill Regional Hospital

STUDENT: ________________________________

Assessment of Professional Growth (2 forms from each assigned clinical faculty).

Assigned Clinical Coordinator /clinical faculty: ________________________________

AREA EVALUATIONS

You are responsible for collecting one (1) Area Evaluation from each of the following 7 areas.

# of Evaluations assigned   _____  
Initials of clinical coordinator _____

Area Evaluations to be completed by supervising R.T.

1. Digital Radiographic and Fluoroscopic Room # 1 GE  
2. Diagnostic room # 2 and #3 (same equipment) GE  
3. Portable – AMX 4  
4. Operating Room – C-arm OEC 9600  
5. Dexascan Hologic

Area Evaluations to be completed by the student

6. Patient Services  
7. Public/Patient Safety

Mohawk Valley Orthopedics  
US (excluded RAD 120 and 121)  
CT (excluded RAD 120 and 121)  
MRI (excluded RAD 120 and RAD 121)  
DEXA  
Radiation Therapy (excluded RAD 120 and RAD 121)  
Ultrasound (excluded RAD 120 and RAD 121)  
Pediatrics  
Trauma (excluded RAD 120 and RAD 121)

Note: Operating room work nominal, students will visit other facilities for OR experience, if possible.

Rev. 8/06, 5/07, 8/07, 6/08, 5/09,6/11cc  
Source: Monroe Community College
STUDENT: __________________________________________

Assessment of Professional Growth (2 forms from each assigned clinical faculty).

Assigned Clinical Instructor /clinical faculty:_____________________________

AREA EVALUATIONS

You are responsible for collecting one (1) Area Evaluation from each of the following 9 areas (9 areas for RAD 120, RAD 121, and 8 RAD 220, and RAD 221). You are responsible for collecting and handing in to the FMCC Department Director and/or faculty, area evaluations on a bi-weekly basis for each rotation.

# of Evaluations assigned        _____
Initials of clinical instructor    _____

Area Evaluations to be completed by supervising R.T.
Diagnostic rooms:
1.  # 6/#8 GE Fuji CR
2.  # 7  DR
Diagnostic/Fluoroscopic rooms:
3.  # 10 Siemens
4.  # 12 Siemens
5. and 6. Portable 4 AMX 4 (Procedure and equipment)
7. Operating Room
   (OEC) 2 each 9” C-arms and (1) mini-C-arm

Mohawk Valley Orthopedics,
Pediatrics
Angiography Suite (excluded RAD 120 and RAD 121)
US (excluded RAD 120 and 121)
CT (excluded RAD 120 and 121)
Radiation Therapy (excluded RAD 120 and 121)
MRI (excluded RAD 120 and RAD 121)
Trauma (excluded RAD 120 and RAD 121)
Nuclear Medicine(excluded RAD 120 and 121)

Area evaluations to be completed by the student:
8. Patient Services
9. Public/Patient Safety

Source: Monroe Community College

8-06, 1-08, 6/08, 5/09, 6/11cc
Fulton-Montgomery Community College
Radiologic Technology Program

AREA EVALUATION ASSIGNMENTS
Nathan Littauer Hospital

STUDENT: ____________________________________________

Assessment of Professional Growth (2 forms from each assigned clinical faculty).

Assigned Clinical instructor /clinical faculty: _____________________________

AREA EVALUATIONS

You are responsible for collecting one (1) Area Evaluation from each of the following areas (10 areas for RAD 120, RAD 121, and 10 RAD 220 and RAD 221).

You are responsible for collecting and handing in to FMCC Department Director and/or faculty area evaluations on a bi-weekly basis for each rotation.

# of Evaluations assigned   _____
Initials of clinical instructor   _____

Area Evaluations to be completed by supervising R.T.
Diagnostic/Fluoroscopic Rooms:
1. A. Digital Room
2. B. Digital Fluoroscopic
3. D. Radiographic Room CR
4. and 5. Portables: 2 each GE AMX 4+ (equipment and procedure)
   Operating Room:
6. 1 each 9” C-arm, Phillips OEC 9900

DEXA
Mohawk Valley Orthopedics, Amsterdam Orthopedics
Fall semester, sophomore students only, RT 220
US (excluded RAD 120 and 121)
CT (excluded RAD 120 and 121)
Nuc. Med. (excluded RAD 120 and 121)
MRI (excluded RAD 120 and RAD 121)
Radiation Therapy (excluded RT 120 and 121)
Pediatrics
Trauma (excluded RAD 120 and RAD 121)

Area evaluations to be completed by the student:
9. Patient Services
10. Public/Patient Safety

Source: Monroe Community College, Revised: 8-06, 1-08, 6/08, 5/09, 6/11cc
Fulton-Montgomery Community College  
Radiologic Technology Program  

AREA EVALUATION ASSIGNMENTS  
St. Mary’s Hospital  

STUDENT: ____________________________

Assessment of Professional Growth (2 forms from each assigned clinical faculty).

Assigned Clinical Instructor /clinical faculty: ____________________________

AREA EVALUATIONS

You are responsible for collecting one (1) Area Evaluation from each of the following 11 areas (10 areas for RAD 120, RAD 121, and 7 RAD 220 and RAD 221).

You are responsible for collecting and handing in to FMCC Department Director and/or faculty, area evaluations on a bi-weekly basis for each rotation.

Initials of clinical instructor     _____
Area Evaluations to be completed by supervising R.T.

1. Digital/Fluoroscopic room # 1
2. Digital Fluoroscopic room # 2
3. Digital/Diagnostic room #4
4. Digital/Diagnostic Room # 5
6. and 7. Portable 2 each GE AMX 4 (procedure and equipment)
Operating Room
8.(all OEC) C-arm 9”, C-arm 12”, Mini C-arm

DEXA
Mohawk Valley Orthopedics, Amsterdam Orthopedics
US (excluded RAD 120 and 121)
CT (excluded RAD 120 and 121)
Nuc. Med. (excluded RAD 120 and 121)
Trauma (excluded RAD 120 and RAD 121)
MRI (excluded RAD 120 and RAD 121)
Pediatrics

Area evaluations to be completed by the student
9. Patient Services
10. Public/Patient Safety

Source: Monroe Community College  
Revised: 8-06, 6/08, 5/09, 6/11
Student: ______________________________

Assessment of Professional Growth (2 forms from each assigned clinical facility)

Assigned Clinical Instructor/clinical faculty

AREA EVALUATIONS

You are responsible for collecting one (1) Area Evaluation form each of the following 8 areas

# of Evaluations assigned _____
Initials of clinical instructor _____

Area Evaluations to be completed by supervising R.T.

1. Room #1 Radiographic DR/IDC
2. Room #2 GE Radiographic/Fluoroscopic CR
3. Room #5 GE Radiographic CR
4. ER Room GE Radiographic CR

5. OR Siemans OrbiK C-arm
   9800 OEC C-arm

6. Portables equipment and
7. Portable procedures (2) AMX 4

Mohawk Valley Orthopedics, Amsterdam Orthopedics

Area evaluations to be completed by student:

7. Patient Services
8. Public/Patient Safety

Wilton Medical (Out patient clinic)

1. Rooms # 1 and Room #2 Radiographic IDC DR
2. Room #3 Shimadzu Digital Fluoroscopic/CR

Excluded from RAD 120 and RAD 121
US, CT, MRI, Nuclear Medicine, and Radiation Therapy, Trauma, Pediatrics

Source: MCC 8/06, 1/07, 5-07, 1-08, 6/08, 5/09, 6/11cc
STUDENT: ________________________________

Assigned Clinical Instructor/clinical faculty: ________________________________

AREA EVALUATIONS

You are responsible for collecting 1 area evaluations for this rotation. Area evaluation may be written by either orthopedic site.

1 Area Evaluations to be completed by supervising R.T.

Diagnostic room-#1
FULTON-MONTGOMERY COMMUNITY COLLEGE  
Radiologic Technology Program  
Clinical Experience  
Albany Medical Center Hospital  
Pediatric Rotation  
Area Evaluation

Name: ___________________________ Semester: _________________________

Class of: _______________ Date: ___________________ Hospital: _________________________

Please check the appropriate response (Yes, No, NA if not applicable)

<table>
<thead>
<tr>
<th>The student:</th>
<th>Yes</th>
<th>No</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>is punctual.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>is professionally dressed.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>displays an acceptable attitude toward:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Patients</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Staff</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>communicates effectively with:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Patients</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Staff</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>displays initiative and willingness to learn.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>demonstrates understanding of simple instrumentation principles.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>demonstrates desire to identify imaged structures and anatomy.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Willingly assists technologist and others.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>demonstrates safe behaviors for self, patient and others.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Evaluator/Technologist’s Signature: __________________________________________________

Student’s Signature: _______________________________________________________________

Comments:
__________________________________________________________________________________________
__________________________________________________________________________________________
__________________________________________________________________________________________
__________________________________________________________________________________________

COMPETENCIES
Upon completion of a limited rotation in the Pediatric Department, the student shall be able to:

1. Comfort and reassure the patient and family members.
2. Explain the basic procedure and answer simple questions.
3. Prepare the patient for the procedure.
4. Apply basic anatomy principles to images produced.
5. Assist the radiographer in patient education, preparations and procedures
6. Assist with procedural variations, assist with patient immobilization
7. Demonstrate effective communication skills
8. Use critical thinking skills during pediatric patient procedures.
9. Maintain safe procedures and radiation protection toward self, patients and others.
Name: ___________________________________________ Semester: ________________________

Class of: _____________ Date: ___________________ Hospital: _________________________

Please check the appropriate response (Yes, No, NA if not applicable)

<table>
<thead>
<tr>
<th>The student:</th>
<th>Yes</th>
<th>No</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>is punctual.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>is professionally dressed.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>displays an acceptable attitude toward: Patients</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Staff</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>communicates effectively with: Patients</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Staff</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td></td>
<td></td>
</tr>
<tr>
<td>demonstrates understanding of simple instrumentation principles.</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>demonstrates desire to identify imaged structures and anatomy.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>willingly assists radiologic technologists and others.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>demonstrates safe behaviors for self, patient and others.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Evaluator/Technologist’s Signature: __________________________________________________

Student’s Signature: _______________________________________________________________

Comments: ____________________________________________________________

COMPETENCIES

Upon completion of a limited rotation in the Trauma Department, the student shall be able to:

1. Comfort and reassure the patient.
2. Explain the basic procedure and answer simple questions.
3. Prepare the patient for the procedure.
4. Apply basic anatomy principles to images produced.
5. Assist the radiographer in patient education, preparations and procedures.
6. Assist with procedural variations and “as is” positions if applicable.
7. Demonstrate effective communication skills.
8. Use critical thinking skills during emergent patient procedures.
9. Maintain safe procedures toward self, patients and others.

Source: Broome County Community College
FULTON-MONTGOMERY COMMUNITY COLLEGE
Radiologic Technology Program Clinical Experience
Diagnostic/Fluoroscopic
Area Evaluation

NAME: ____________________ SEMESTER: ________________ AREA: _________

Last First
CLASS OF _____________ DATE: ______________________ HOSPITAL: _____________________

This form is to be completed by the supervising RT and given to the Clinical Instructor. Evaluations must be
confidential and will be kept in the students file. Please carefully consider each section and record a
corresponding score for each number 1-20 or write N/A (not applicable). The score should be a number 0-10. (10 = excellent, 0= not acceptable) Scores of 7 or less should have supporting comments on side or back of form.

<table>
<thead>
<tr>
<th>SECTION 1</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Interprets radiology requisition and determines appropriate procedures.</td>
</tr>
<tr>
<td>2.</td>
<td>Interprets medical terminology accurately. Demonstrates successful communication and patient care by:</td>
</tr>
<tr>
<td>3.</td>
<td>Educates the patient about the examination/gives appropriate directions.</td>
</tr>
<tr>
<td>4.</td>
<td>Ascertains rapport with the patient.</td>
</tr>
<tr>
<td>5.</td>
<td>Demonstrates safe transfer of the patient.</td>
</tr>
<tr>
<td>6.</td>
<td>Demonstrates proper use/handling of contrast agents.</td>
</tr>
<tr>
<td>7.</td>
<td>Demonstrates the knowledge and function of the human body.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SECTION 2</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>8.</td>
<td>Performs basic diagnostic/fluoroscopic procedures:</td>
</tr>
<tr>
<td>11.</td>
<td>Marks and Identifies all films/images appropriately.</td>
</tr>
<tr>
<td>12.</td>
<td>Manipulates equipment effectively.</td>
</tr>
<tr>
<td>13.</td>
<td>Uses proper body mechanics.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SECTION 3</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>15.</td>
<td>Applies appropriate radiation protection procedures/accessories by:</td>
</tr>
<tr>
<td>16.</td>
<td>Questions patient about the possibility of pregnancy.</td>
</tr>
<tr>
<td>17.</td>
<td>Uses gonadal shielding on patients.</td>
</tr>
<tr>
<td>18.</td>
<td>Demonstrates proper beam limiting/alignment.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SECTION 4</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>18.</td>
<td>Demonstrates critical thinking and problem solving skills.</td>
</tr>
<tr>
<td>19.</td>
<td>The student is capable of working independently.</td>
</tr>
<tr>
<td>20.</td>
<td>The student makes sound decisions regarding the exam and patient.</td>
</tr>
</tbody>
</table>

TOTAL POINTS EARNED =

Final score will be calculated by FMCC faculty by total points earned divided by total points possible. Students are expected to receive 80% or higher.

Evaluator’s Signature: ____________________________________________________________

Student’s Signature: ____________________________________________________________

Additional Comments: Please include on back.

revised 6/12cc/kl

35
FULTON-MONTGOMERY COMMUNITY COLLEGE  
Radiologic Technology Program  

Clinical Experience  
Operating Room/Procedures  
Area Evaluation

<table>
<thead>
<tr>
<th>Name: ____________________________</th>
<th>Semester: _____________</th>
<th>Area: _______</th>
</tr>
</thead>
<tbody>
<tr>
<td>Last</td>
<td>First</td>
<td></td>
</tr>
<tr>
<td>Class of: ________________________</td>
<td>Date: _________________</td>
<td>Hospital: ________________</td>
</tr>
</tbody>
</table>

This form is an overall evaluation of the student’s abilities. Please check the appropriate response (Yes, No, N/A)

<table>
<thead>
<tr>
<th>The student is able to:</th>
<th>Yes</th>
<th>No</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>interpret the radiology requisition.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>change into proper OR clothing.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>maintain sterile field in specific OR suite.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>demonstrate safe practices.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>hook up C-arm unit correctly.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>manipulate C-arm unit effectively.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>selects appropriate fluoroscopy modes.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>manipulate and adjust the fluoro/digital image to surgeons liking.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>applies appropriate radiation safety procedures.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>print hard copies as needed/applicable.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>evaluates fluoroscopic/hard copy images if applicable.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>develops a positive relationship with OR staff.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>complete and combine necessary requisitions, hard copies, if applicable.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Evaluator’s Signature: ________________________________

Student’s Signature: ________________________________

Comments:
__________________________________________________________________________
__________________________________________________________________________
__________________________________________________________________________
FULTON-MONTGOMERY COMMUNITY COLLEGE
Radiologic Technology Program
Clinical Experience
Equipment Evaluation
C-ARM UNIT/S

Name: _______________________________ Semester: ___________ Area: _________
Last ___________________________ First _______________________
Class of: _______________ Date: ___________ Hospital: ____________________________

This form is to be completed by the student and filed in the student’s folder to be used for area evaluation point system.

List Type and size: __________________________

<table>
<thead>
<tr>
<th>Activity</th>
<th>YES</th>
<th>NO</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Locate the appropriate wall outlet</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Locate the On/Off button</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Locate auto/manual fluoro</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Locate digital controls</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Locate magnification selection</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Move monitor forward/backward/lock unit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Move c-arm forward/backward/side to side</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Attach monitors to c-arm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Connect to appropriate wall outlet (use of adaptors if needed)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Move “C” in all directions and know which lock is to be used</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Identify control panel on c-arm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Set up fluoroscopy auto/manual</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Know which button is for fluoro timer</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Enter patient demographics

<table>
<thead>
<tr>
<th>Activity</th>
<th>YES</th>
<th>NO</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identify controls for magnification</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Demonstrate digital options</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Demonstrate positioning of entire unit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Demonstrate hard copy printing</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Assist with OR staff proper handling of sterile C-arm cover

<table>
<thead>
<tr>
<th>Activity</th>
<th>YES</th>
<th>NO</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Move C-arm into position</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cover fluoro pedal with plastic bag</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Position fluoro pedal appropriately for surgeon</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lead aprons available for all staff</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Test unit prior to surgery</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Disassemble C-arm

<table>
<thead>
<tr>
<th>Activity</th>
<th>YES</th>
<th>NO</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Store in appropriate area</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clean units</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

vfc/2/04
This form is for the evaluation of the student’s performance with portable procedures. Please check the appropriate response (Yes, No, or N/A).

<table>
<thead>
<tr>
<th>The student is able to</th>
<th>Yes</th>
<th>No</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>interpret radiology requisition.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>obtain clinical history and documents on requisition/in computer.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>communicates effectively with patient and staff.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>educates patient on the procedure to be done.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>demonstrates safe patient manipulation.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>questions patient as to the possibility of pregnancy.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>determines patients capabilities and adjusts accordingly.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>performs procedure:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>prepares room for procedure.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>moves portable unit into room and proper position.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>positions patient on covered cassette appropriately.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>marks and identifies all images properly.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>maneuvers equipment properly.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>follows appropriate isolation techniques as needed.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>directs CR (central ray) perpendicular to cassette.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>collimates appropriately.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>selects proper exposure factors/control panel selections.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>applies proper radiation safety procedures:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>uses gonadal shielding when appropriate.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>announces verbal warning before making exposure.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>wears protective lead apron.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>evaluates radiographs/images for diagnostic quality.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Evaluator’s Signature: ____________________________________

Student’s Signature: ____________________________________

Comments:
___________________________________________________________________________
___________________________________________________________________________

source: Monroe community college
revised: 8/07, 6/10cc, 6/12cc
FULTON-MONTGOMERY COMMUNITY COLLEGE
Radiologic Technology Program
Clinical Experience
Portable Equipment Evaluation

Name: ___________________________ Semester: ____________
Signature
Class of: _______________ Date: ________ Hospital: ________________

This form is to be completed by the student and filed in the student’s folder to be used for area evaluation point system.

Identify the type of portable unit: ___________________________________________

<table>
<thead>
<tr>
<th>PORTABLE CONTROLS:</th>
<th>YES</th>
<th>NO</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connect electrical cord to outlet if needed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>On/Off switch</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Locks – adjust tube laterally, longitudinally and vertically</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operate portable using appropriate/applicable controls</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Collimate appropriately</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Use appropriate SID</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tube angulations when needed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Effective manipulation of unit</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CONTROL PANEL SELECTIONS:</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>kVp, mA, time or mAs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Focal spot size if indicated</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exposure/rotor handle or switch</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SIMULATE:</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exposure/portable location for chest and abdomen</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exposure/portable location for extremities (hand, hip)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ACCESSORIES:</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Protective lead apron/shields</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cassettes needed</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Fulton-Montgomery Community College
Radiologic Technology Program
Clinical Experience
Patient Services
Area Evaluation

Name______________________________________________Semester ________________________

Signature

Class of ______________________Date __________________Hospital_________________________

This form is to be completed by the student and placed in the clinical experience folder, to be used in the area evaluation point accumulation.

PATIENT WAITING AREA
List the location of all outpatient-waiting areas.

List the location of all in-patient waiting areas.

List the facilities found in an outpatient waiting area.

DRESSING ROOMS
List the location of all emergency call systems if applicable.

LINEN
List the location(s) of all linen supplies.

Explain the system for disposing of contaminated linen or wastes.

STRETCHERS/WHEELCHAIRS
Explain where or how you would obtain a stretcher or wheelchair.

Source: Monroe Community College
02/04 vfc
Revised 1-08
Fulton-Montgomery Community College
Radiologic Technology Program

Clinical Education
Public/Patient Safety
Area Evaluation

Name_____________________________Semester_____________________
Signature

Class of ______________________Date _________________Hospital____________________

This form is to be completed by the student and placed in the clinical experience folder to be used in the area evaluation point accumulation.

**OXYGEN**
List the location of all oxygen tanks and wall mounted O2 within the department.

**FIRE ALARM BOXES**
List the location of all fire alarm boxes within the department

Explain how to activate the alarm.

**FIRE HOSES/ EXTINGUISHERS**
List the location of all extinguishers in the department.

Explain how to activate fire extinguishers.

**FIRE DOORS**
List the location of all fire doors.

Explain how they work.

**EXITS**
List all exits from the department.

Explain why the elevators would never be used in a fire.

**FIRE DRILL PROCEDURES**
List the steps taken in case of a fire.
PATIENT EMERGENCY
List location of emergency buttons (where available)

List the action(s) you would take if your patient fainted.

Where is the ammonia capsule kept?

List the actions you would take if your patient stopped breathing or arrested.

HOSPITAL CODES
List codes used.

List the person(s) responsible for initiating a code.

DEPARTMENT NURSE OR HOSPITAL NURSING STAFF
How would you contact a Radiology Nurse/hospital nurse?

NEEDLES/SYRINGES
Describe the method of disposing of contaminated needles and syringes.

Source: Monroe Community College
Revised 1-08
**FULTON-MONTGOMERY COMMUNITY COLLEGE**  
Radiologic Technology Program  
Room Equipment Area Evaluation  

Name: ___________________________________ Hospital: ________________________________  

Semester: ________________________ RT: ___________ Class of: ____________ Room #: _____  

Must be completed by student and may be reviewed by evaluating technologist.  

**EQUIPMENT**  

<table>
<thead>
<tr>
<th>Equipment</th>
<th>YES</th>
<th>NO</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Type:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Kv Range:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Main Switch Location:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. Focal spots:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. Ma Range:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. Filtration:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Inherent:  
Added:  

**MANIPULATE EACH TUBE**  

<table>
<thead>
<tr>
<th>Manipulation</th>
<th>YES</th>
<th>NO</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transversely</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Center/detent lock to the center of the table</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Longitudinal lock</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vertical lock</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tube angulations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tube swing lock (90 degrees)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Center lock to the center of the upright bucky</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Detent to 40 inches for table top/72 inches for upright bucky</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**MANIPULATE TABLE CONTROLS**  

<table>
<thead>
<tr>
<th>Manipulation</th>
<th>YES</th>
<th>NO</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Move the table top longitudinally/transversely</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Utilize the table center button if applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Angle the table upright/Trendelenburg if applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Attach/detach the footboard if applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Attach, adjust the patient – handles if applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Raise/lower table if applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activates lock for table top travel and for raising or lowering table, if applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**OPERATE THE CONTROL PANEL**  

<table>
<thead>
<tr>
<th>Operation</th>
<th>YES</th>
<th>NO</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demonstrate tube/bucky combination</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select AEC/manual technique</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Collimate using manual controls</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Collimate using PBL</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operate hand exposure switch or foot pedal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Program fluoroscopy settings</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DIGITAL FLUOROSCOPY**  

<table>
<thead>
<tr>
<th>Operation</th>
<th>YES</th>
<th>NO</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type in patient demographics</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select appropriate radiographic procedure</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>QC if applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>process digital image</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Select images to print if applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Print images if applicable</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Student Evaluation
Hand Hygiene Competency

Name: _________________________________ Date: __________________________ 

Hand washing is the single most effective way to prevent the spread of infections within a health care facility.

Hands must be washed with soap and warm water:

- When obviously soiled
- After known or suspected contact with blood or body fluids/substances
- Before eating, drinking, or handling food
- After using the toilet, blowing your nose, covering a sneeze or cough

Hands may be cleaned with alcohol-based hand sanitizer solutions:

- After contact with a patient’s intact skin, performing x-ray examinations
- Lifting a patient to or from the x-ray table and/or bed.
- Contact with environmental surfaces in the immediate vicinity of patients
- After glove removal
- For routine decontamination of hands for all clinical indications (except when hands are visibly soiled)

Hand Hygiene Competency

The student:

Yes  No  Uses paper towel to handle controls for water unless there are foot or knee levers.

Yes  No  Wets hands thoroughly, keeping hands lower than elbows so water will drain from clean area to most contaminated area.

Yes  No  Applies antimicrobial soap.

Yes  No  Lathers well.
Rubs hands and fingers together with firm rotary motion for 15-30 seconds.
Rubs palms, backs of hands and area between fingers.

Yes  No  Rinses, allowing water to run down over hands.

Yes  No  Uses paper towel to dry thoroughly from finger tips to elbows.

Yes  No  Turns off water with paper towel to avoid contaminating hands.

Competency Evaluator Signature: _________________________________
Date: __________________________ 
2/1/06

Sources: Patient Care in Radiography, SMH mandatory testing booklet
STUDENT EVALUATION

OXYGEN ADMINISTRATION COMPETENCY

Name: ______________________________________  Date: _____________________

Oxygen Administration

Nasal Cannula

Yes  No  Checked to see if air flowing through cannula before placing on patient.

Yes  No  Adjust correct liters per minute.

Yes  No  Correctly place on patient.
   Place cannula in nose, secure with tubing around the ears, adjust tension comfortably.

Oxygen Mask

Yes  No  Checked to see if air flowing through tubing.

Yes  No  Adjust correct liters per minute

Yes  No  Correctly places mask on the patient.
   Place mask over the nose and mouth and slip elastic band behind patients head, adjust as needed for comfort and proper flow to patient.

Ceiling/Wall Mount

Oxygen Flow Gauge

Yes  No  Turn gauge to manipulate air flow.

Yes  No  Manipulate flow rate by level of the ball in the gauge.

Yes  No  Turn gauge off.

Portable Oxygen Tank

Yes  No  Turns lever to open tank.

Yes  No  Adjusts on/off valve.

Yes  No  Can read gauge for amount of oxygen left in the tank.

Yes  No  Manipulates flow rate appropriately. (middle of ball to line desired)

Yes  No  Turn oxygen off.
Removing oxygen from a wall unit to a portable unit

Yes  No  Notes flow rate.

Yes  No  Opens main valve on portable oxygen tank.

Yes  No  Adjusts portable oxygen tank flow to match flow on wall unit.

Yes  No  Disconnects tubes from wall unit and adjusts tubing to portable oxygen tank.

Yes  No  Shuts off wall unit supply.

Yes  No  Checks tubing, to make sure tubing is not tangled around patient.

Yes  No  Makes sure patient is comfortable.

Instructor/Competency Evaluator ______________________________

Date: ______________________
Student Evaluation VENIPUNCTURE COMPETENCY

Student Name: ______________________________ Date: ______________________

Competency

Room/supply preparation
<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>
| 1.  |    | Examines and cleans room before escorting patient in
| 2.  |    | Have all supplies available: towel, tourniquet, and syringes, needles, butterflies, alcohol swipes, 2x2 sterile gauze, contrast media, emesis basin, tape

Patient Preparation/Education
<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>
| 1.  |    | Correctly identifies patient
| 2.  |    | Educate in terms patient understands
| 3.  |    | Explain procedure in steps
| 4.  |    | Display a confident attitude
| 5.  |    | History of allergies
| 6.  |    | Current medications patient is currently taking
| 7.  |    | BUN level
| 8.  |    | Creatinine level

Infection Control
<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>
| 1.  |    | Uses gloves
| 2.  |    | Draws up syringe using sterile technique
| 3.  |    | Has appropriate size butterfly available
| 4.  |    | Alcohol swipes bottle top

Site Selection
<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>
| 1.  |    | Selects suitable location
| 2.  |    | Checks condition of vein
| 3.  |    | Uses appropriate veins (posterior hand, antecubital)

Site Preparation
<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>
| 1.  |    | Skin surface prepared/cleaned
| 2.  |    | Clip hair if appropriate
| 3.  |    | Uses antiseptic
| 4.  |    | Contact with skin 30 seconds
| 5.  |    | Cleans in circular motion from center to 2 inches out
### Venipuncture

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>1. Tourniquet 3 inches above site</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>2. Holds patient limb</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>3. Using thumb stabilize/ anchors selected vein</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>4. Place needle 45 degrees angle to skin surface</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>5. Enters skin at a 15 degree angle</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>6. Vein punctured</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>7. Blood return</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>8. Releases tourniquet</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>9. Blood return again</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>10. Anchor needle with tape</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>11. Remove needle when done, applies direct pressure to Site.</td>
</tr>
</tbody>
</table>

### Administration

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>1. Administer contrast at an established rate</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>2. Observe site for infiltration or extravasation</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>3. Note patient condition, coloring, and any signs of a reaction.</td>
</tr>
</tbody>
</table>

Competency Evaluator’s Signature: __________________________________________

Radiology Faculty’s Signature: ______________________________________________

We use a phantom for the venipuncture competency.
Competency given by an RN.

vfc
4/05, 3/06
STUDENT EVALUATION
VITAL SIGNS COMPETENCY

Name: _________________________________ Date: _________________________

TEMPERATURE
Oral Method Electric thermometer

Yes No Performs hand hygiene and wears gloves.

Yes No Disposable sleeve applied to probe.

Yes No Turn on thermometer

Yes No Inserts probe under patients tongue, instructs patient to keep lips closed.

Yes No Documents temperature when signal given by power unit. (36-37°C norm)

Yes No Discards disposable sleeve.

Yes No Remove and discard gloves.

Yes No Repeats hand hygiene

Yes No Turns off thermometer

Pulse

Yes No Palpation of pulse at base of thumb (radial artery).

Yes No Compresses fingers gently but firmly pm patient’s wrist held palm down.

Yes No Counts 30 seconds and then multiplies by 2. Note if irregular pulse count for 60 seconds.

Yes No Knows if radial pulse weak to use carotid artery.
Note: Dorslais pedis or pedal pulse is taken if there is a question of compromise in peripheral circulation. Example: arteriography

Yes No Documents pulse.

Respirations

Yes No Counts respirations per minute.

Yes No Places hand on diaphragms if unable to count accurately.

Yes No Documents findings

Note: Normal adult range 12 to 20 breaths per minute.
## Blood Pressure

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
<th>Performs hand hygiene and explains the procedure to the patient.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>Patient sitting or lying down. Places cuff at level of the heart. May use either arm.</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Wraps the cuff snugly with the bottom edge above the antecubital space.</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Places gauge where it can be easily read.</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Palpates the brachial artery pulse in the antecubital space.</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Using stethoscope, presses diaphragm over the brachial artery.</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Closes valve on bulb and inflates the cuff rapidly to approximately 70mm Hg and in 10mm Hg increments, thereafter, until radial pulse is no longer felt.</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Opens valve on the pump and slowly releases the pressure.</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Listens for the beat of the pulse while watching the gauge. Note the figure at which the pulse is heard, this is the systolic reading.</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>When pressure is released and sound becomes much softer documents this point. Note: this is the diastolic reading.</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Releases remaining pressure.</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Removes cuff and record results (e.g. 140/86)</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Cleans ear tips on stethoscope with alcohol and return equipment to its proper place.</td>
</tr>
</tbody>
</table>

Instructor/Clinical Competency Evaluator

---

*Note:* Revised 10/14/06

---

vfc 10/05
**Fulton Montgomery Community College**
**Radiologic Technology Program**

**Student Evaluation**
**Patient Transfer Competency**

Name: _______________________________ Date: __________________

**Students must complete a minimum of 5 transfers for completion of Competency requirement**

**Bed/Wheelchair/Radiographic Table**

**Bed to Wheelchair**

**The Student:**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Knows the function of the parts of a wheelchair (breaks, footrest)</td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Introduces self to the patient and assesses the patient’s ability to help move from the bed to the wheelchair.</td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Obtains necessary equipment. (IV bottle/bag, oxygen, urinary bag)</td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Checks with nursing for disconnecting any equipment</td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Explains to the patient what he/she is about to do and what is expected of them.</td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Positions wheelchair parallel to the bed, wheels locked, footrests up and out of the way.</td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Lowers bed and lowers side rails if applicable.</td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Lifts patient to a sitting position.</td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Assists patient while pivoting, allowing legs to hang over the side of the bed.</td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Face to face with the patient, places feet on side of patient’s feet with knees to patient’s knees.</td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Wraps arms around patient</td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Lifts and pivots patient until the patient’s legs are against the seat of the wheelchair and then sits patient down.</td>
<td></td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
<td>Adjust footrests and covers patient</td>
<td></td>
</tr>
</tbody>
</table>
Wheelchair to Radiographic Table

The Student:

Yes  No  Places wheelchair close to step stool
Yes  No  Locks brakes, raises footrests, assists patient to stand
Yes  No  Assists patient with stepstool if necessary
Yes  No  Assists patient to pivot and sits patient on the table top
Yes  No  Supports the patient’s shoulders while raising lower legs onto the table.
Yes  No  Eases patient to the supine position.

Stretcher/Radiographic Table

The Student:

Yes  No  Utilizes plexiglass slide board
Yes  No  Explains to the patient what he/she will be doing
Yes  No  Explains to the patient what is expected of them
Yes  No  Reassures patient of ease of transfer
Yes  No  Raises bed to appropriate level and lowers side rail closest to stretcher
Yes  No  Moves stretcher against bed, locks stretcher
Yes  No  Tells the patient to roll up on side that is away from the stretcher. If the patient cannot help, gets assistance
Yes  No  Slide board under draw sheet half way, remaining half of board on The stretcher
Yes  No  Has patient fold arms over chest
Yes  No  Staff grips draw sheet and slides the patient safely, smoothly across the Board onto the stretcher
Yes  No  May leave board under patient if possible or removes from under patient
Yes  No  Lifts side rails up locked into position and unlocks brakes
Yes  No  Uses same methodology to transfer patient from the stretcher to the Radiographic table
Students must complete a minimum of 5 transfers for completion of Competency requirement

Patient Transfer Competency Verification

Student:_____________________________
Date:_______________________________
Evaluator:___________________________

Source: Patient Care In Radiography, Ehrlich, 6th Ed.
St. Mary’s Hospital
Handling and Disposal of Contaminated Items and Waste

The student:

Yes  No  Disposable items are discarded of after one use and in the proper container. (exception: emesis basins- immediately rinsed and reused for the same patient)

Yes  No  Objects contaminated with blood/body fluids are discarded in suitable container marked with the biohazard symbol.

Yes  No  Needles are never recapped and are disposed of in a Sharp’s container.

Yes  No  Syringes are disposed of in a Sharp’s container.

Establishing Sterile Field
Sterile tray and/or package
The Student:

Yes  No  Opens the first corner of a sterile item away from self.

Yes  No  Opens one side by grasping corner tip.

Yes  No  Opens the opposite side in the same manner.

Yes  No  Pulls remaining corner toward self
If there is an inner wrapper the procedure above is followed.

**Sterile field now established.**

Adding a Double Wrapped Item to the Sterile Field
The Student:

Yes  No  Holds item in dominant hand.

Yes  No  Opens outer wrap away from body.

Yes  No  Proceeds as sterile tray unpackaging as written above.

Yes  No  Grasps 4 corners with the non-dominant hand.
Yes  No  Places Item on sterile field.

**Adding Disposable Item to the Sterile Field**  
*The Student:*

Yes  No  Peels down wrapper on item to be used.

Yes  No  Inverts package so to drop item onto sterile field.

**Adding Liquids to the Sterile Field**  
*The Student:*

Yes  No  Checks the label of the liquid to be poured.

Yes  No  Cleansed lip of bottle by squirting/draining small amount of liquid into a waste container.

Yes  No  Carefully pours liquid in a sterile basin or receptacle on tray.

**Sterile Scrub Procedure**  
*The Student:*

Yes  No  Dons a cap or hood, mask, protective goggles if indicated.

Yes  No  Using foot/knee levers adjust water temperature and flow.

Yes  No  Hands are above the elbows, wets hands and forearms.

Yes  No  Avoids splashing of cloths.

Yes  No  Thoroughly washes hands and arms.

Yes  No  Uses brush, in a circular motion, to scrub nails and hands, minimum of one minute.

Yes  No  Discards brush.

Yes  No  Rinses thoroughly, keeping hand above the elbow.

Yes  No  Dries thoroughly, using a sterile towel, starting with the fingers.

**Sterile Gowning/Gloving**  
*The Student:*

Yes  No  Removes gown from package, using the sterile field technique.

Yes  No  Allows gown to unfold with the inside toward self.
Yes  No  Inserts arms into sleeves without protruding the hands.
Yes  No  Using the dominant hand, remaining in the sleeve, picks up glove for the non-dominant hand.
Yes  No  Inserts non-dominant hand into glove.
Yes  No  Stretches glove over gown.
Yes  No  Non-dominant hand picks up second glove.
Yes  No  Inserts fingers of dominant hand into glove.
Yes  No  Stretches glove over the cuff of the gown.
Yes  No  Separates waste tie from the gown.
Yes  No  Passes tab to an assistant turns wrapping gown around the waist and ties.

**Opening Sterile Glove Technique**

**The Student:**

Yes  No  Demonstrates hand hygiene.
Yes  No  Selects appropriate size gloves.
Yes  No  Opens outer wrapper to expose inner wrapper.
Yes  No  Exposes gloves - opens ends facing self.
Yes  No  Puts first glove on touching only the inner surface of the folded cuff.
Yes  No  Using gloved hand, grasps and unfolds cuff.
Yes  No  Puts on second glove and unfolds cuff.
Yes  No  When complete, the students keeps his/her hands in front of the body at a safe distance from non-sterile field.

**Preparation for Examination in an Isolation Room Using a Mobile Unit - Gowning**

*Note: One technologist remains outside of the isolation room while the other technologist enters following this protocol.*

**The Student:**

Yes  No  Puts on a lead apron.
Yes  No  Dons cap/hood, making sure all hair is covered.
Yes  No  Dons mask, making sure nose and mouth are completely covered. Pinches nose piece securely.
Yes  No  Puts gown on, making sure the uniform is completely covered.
Yes  No  Dons protective gloves.
Yes  No  Inserts image receptor into a plastic cover or bag.

**Removing Isolation Gown**

**The Student:**

Yes  No  First, unties waist.
Yes  No  Grasps gloves from outside and pulls off.
Yes  No  Inserts clean finger inside cuff of the second glove and removes glove.
Yes  No  Demonstrates hand hygiene.
Yes  No  Removes masks by ties only, discards in room in correct container.
Yes  No  Removes gown folding contaminated surface inward, discards in correct container.
Yes  No  Repeats hand hygiene.
Yes  No  Disinfects mobile unit.

Competency Evaluator Signature: ________________________________
Date: _____________________

2/06
Patient Care in Radiography, Ehrlich, 6th edition
Ellis Hospital, St. Mary’s Hospital, FMCC Nursing Program
FULTON-MONTGOMERY COMMUNITY COLLEGE  
Radiologic Technology Program  
Clinical Experience  

FILM CRITIQUE ASSESSMENT

This form is designed to guide the student toward proper film critique presentations. Students are required to attend 10 film critique sessions on campus to be held as a part of RAD 203 Patient Care II. In addition, students are required to “sit with” a radiologist at their clinical site for observation and learning for a total of 4 one hour sessions.

Film Critique Topic(s)

---

FILM CRITIQUE CRITERIA

Following film critique session, students should be able to:

1. Evaluate the radiographic request/scanned request and correlate clinical information with the radiographic examination.
2. Place each radiograph on the illuminator oriented correctly, if applicable.
3. Identify all radiographic projections.
4. Explain anatomical structures demonstrated in each projection.
5. Identify landmarks, tube-part-film alignment, central ray and other positioning techniques.
6. Discuss exposure factors as related to a quality diagnostic radiograph.
7. Identify proper patient identification on film or with the accession number for digital imaging.
8. Evaluate radiation protection measures used including beam limiting and shielding.
9. Describe suggestions for any radiographic examination improvements.

Discussion:

____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________

Radiologist/Student Experience: Students will observe radiologist in an actual image-reading or other work experience. Students are expected to gain insight into the production of a quality radiographic image, as well as pathology relative to diagnostic radiography.

Discussion:

____________________________________________________________________________________
____________________________________________________________________________________
____________________________________________________________________________________

Name: ___________________________ Date: __________________________

Student Signature: ___________________________

Instructor Signature: ___________________________

Radiologist Signature: ___________________________

Revised 2/07, 6/08, 6/11cc
The goal of Clinical Experience education is to graduate professional individuals who conform to professional standards of conduct and have desirable employment characteristics. The function of this evaluation is to provide faculty a means of evaluating each student as he/she progresses toward the goal of an independent professional. Each section is weighted with a value of 0 – 3 as indicated: Circle the value to indicate the level of performance.

<table>
<thead>
<tr>
<th>A. Organization:</th>
<th>Exhibits sound judgment in workflow.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Meets high standards of accuracy and thoroughness</td>
</tr>
<tr>
<td>2</td>
<td>Work is consistently well done</td>
</tr>
<tr>
<td>1</td>
<td>Recognizes need for improvement and attempts to correct</td>
</tr>
<tr>
<td>0</td>
<td>Needs improvement, but does not recognize need for improvement</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>B. Quality of Work:</th>
<th>Organized, thorough, neat, accurate</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Meets high standards of accuracy and thoroughness</td>
</tr>
<tr>
<td>2</td>
<td>Work is consistently well done</td>
</tr>
<tr>
<td>1</td>
<td>Recognizes need for improvement and attempts to correct</td>
</tr>
<tr>
<td>0</td>
<td>Needs improvement, but does not recognize need for improvement</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>C. Time Management:</th>
<th>Constructive and productive use of time</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Consistently efficient, highly productive</td>
</tr>
<tr>
<td>2</td>
<td>Productive, completes tasks in a timely manner</td>
</tr>
<tr>
<td>1</td>
<td>Slow to initiate and complete work</td>
</tr>
<tr>
<td>0</td>
<td>Has difficulty using time efficiently</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D. Communication:</th>
<th>Ability to relate with patients</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Superior ability to establish a rapport with patients</td>
</tr>
<tr>
<td>2</td>
<td>Aware of the patients needs, usually interacts well</td>
</tr>
<tr>
<td>1</td>
<td>Responds to direct requests only, needs improvement</td>
</tr>
<tr>
<td>0</td>
<td>Avoid communication</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>E. Interpersonal Relationships:</th>
<th>Communication/interaction with hospital staff and peers</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Tactful, promotes good will, pleasant</td>
</tr>
<tr>
<td>2</td>
<td>Gets along well with others</td>
</tr>
<tr>
<td>1</td>
<td>Could be more considerate and tactful</td>
</tr>
<tr>
<td>0</td>
<td>Lack of or poor interaction with others</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>F. Motivation:</th>
<th>Willingness to work</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Seeks additional work and independent responsibilities</td>
</tr>
<tr>
<td>2</td>
<td>Self motivated, seeks assignments</td>
</tr>
<tr>
<td>1</td>
<td>Usually follows through when assigned tasks</td>
</tr>
<tr>
<td>0</td>
<td>Avoids work</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>G. Situational Assessment/Critical Thinking:</th>
<th>Reasoning and interpretation skills</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Takes control of situation, responds well under pressure</td>
</tr>
<tr>
<td>2</td>
<td>Uses sound reasoning in making decisions and reaching conclusions</td>
</tr>
<tr>
<td>1</td>
<td>Has limited ability to assess a given situation</td>
</tr>
<tr>
<td>0</td>
<td>Somewhat illogical, frequent inaccurate or poor decisions</td>
</tr>
</tbody>
</table>
H. Professional Ethics: Patient rights, integrity, honesty, character, reaction to criticism
   ___3___ Demonstrates highest level of professional integrity, always on time, never absent, always in assigned area
   ___2___ Adheres to professional standards in acceptable manner, usually on time, usually in assigned area
   ___1___ Attempts professional conduct, usually succeeding, sometimes tardy or absent, sloppy non-compliance with dress code
   ___0___ Ignores rights of others, displays a negative attitude, frequently tardy or absent

I. Self-confidence: Trust in ones abilities
   ___3___ Consistently self-confident, applies independent judgment
   ___2___ Self-confident with reason
   ___1___ Sometimes unsure or unable to move forward when indicated
   ___0___ Easily upset and unsure

J. Retention of Knowledge:
   ___3___ Consistently interprets and applies learned information
   ___2___ Retains information well
   ___1___ Requires some repetition of information
   ___0___ Requires repeated explanations

Total Value: ___________ Points toward Clinical Experience Grade: ______

Value of 27 – 30: indicates exceeds expectations..................16 points
Value of 19 – 26: indicates meets expectations...................15 points
Value of 15 – 18: indicates below expectations...................11 points
Value of 11 – 13: indicates improvement required............... 7 points
Value of 10: indicates major improvement required...........0 points

The points applied to the clinical grade on the midterm and final clinical grade worksheet is indicated on the scale to the right, above. Fifteen clinical grade points indicate an expected level of performance with 1-point bonus for exceptional behavior.

Evaluator: ___________________________ Date: _______________________

Student Signature: ___________________________ Semester: ____________

Comments:
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

Revised: 8/07, 6/10cc
FULTON-MONTGOMERY COMMUNITY COLLEGE  
Radiologic Technology Program  
Clinical Experience  
Angiography/Special Procedures  
Area Evaluation  

Name: ___________________________________ Semester: ________________

Last                                          First

Class of: _______________ Date: _______________ Hospital: ________________

Please check the appropriate response (Yes, No, Not Applicable)

<table>
<thead>
<tr>
<th>The student:</th>
<th>Yes</th>
<th>No</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>is punctual.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>is professionally dressed.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>displays acceptable attitude toward: patients</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>staff</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>communicates effectively with: patients</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>staff</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>displays initiative and willingness to learn</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>willingly assists the radiographer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>understands and follows proper sterile technique</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>is able to identify anatomy.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>is able to identify catheters/guide-wires/etc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>applies proper radiation protection procedures.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>demonstrates initiative in learning the proper use of digital imaging equipment.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Evaluator/Technologist Signature: ________________________________

Student’s Signature: _____________________________________________

Comments:_________________________________________________________________

_________________________________________________________________________

_________________________________________________________________________

Source: Broome County Community College
FULTON-MONTGOMERY COMMUNITY COLLEGE
Radiologic Technology Program
Clinical Experience
Angiography/Special Procedures

COMPETENCIES

At the completion of a limited rotation of sophomore students in Angiography/Special Procedures, the student shall be able to do the following:

1. Display a professional attitude and appearance.
2. Assist in comforting and reassuring the patient.
3. Assist in patient education through explaining the basic procedure and answer simple questions of the patient.
4. Assist in preparing the patient for the procedure.
5. Assist the radiographer with the equipment.
6. Follow sterile procedures and maintain sterile field where applicable.
7. Apply proper radiation protection procedures.
8. Identify the basic catheters, guide wires, etc.
9. Bring and discuss, at least, one angiography/special procedure case to Film Critique. Critique Discussion should include:
   a. Definition of procedure
   b. Equipment, injection method, contrast and dosage, projections, gowning and protective wear
   c. Imaging requirements (positioning and exposure)
   d. Anatomy visualized
   e. Pathology visualized
   f. Clinical information

It is recommended that an Angiography/Special Procedure technologist present, at least, one case during Film Critique class, at least three times each sophomore semester.
Name: ___________________________ Semester: ________________________
Class of: ___________ Date: _______________ Hospital: ________________________

Please check the appropriate response (Yes, No, NA if not applicable)

<table>
<thead>
<tr>
<th>The student:</th>
<th>Yes</th>
<th>No</th>
<th>NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>is punctual.</td>
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<tr>
<td>is professionally dressed.</td>
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<tr>
<td>displays an acceptable attitude toward: Patients</td>
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<tr>
<td>displays initiative and willingness to learn.</td>
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<tr>
<td>demonstrates understanding of simple instrumentation principles.</td>
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<tr>
<td>demonstrates desire to identify imaged structures and cross sectional anatomy.</td>
<td></td>
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<tr>
<td>Willingly assists CT technologist and others.</td>
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<tr>
<td>demonstrates safe behaviors for self, patient and others.</td>
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Evaluator/Technologist’s Signature: _______________________________

Student’s Signature: _____________________________________________

Comments:
________________________________________________________________________________________
________________________________________________________________________________________
________________________________________________________________________________________

COMPETENCIES

Upon completion of a limited rotation in the CT Department, the student shall be able to:

1. Comfort and reassure the patient.
2. Explain the basic procedure and answer simple questions.
3. Prepare the patient for the procedure.
4. Apply basic anatomy principles to images produced cross-sectionally.
5. Assist the radiographer in patient education, preparations and procedures.
6. Operate routine scan functions if applicable.
7. Demonstrate effective communication skills.
8. Indicate procedures requiring contrast agents.
9. Maintain safe procedures toward self, patients and others.

Source: Broome County Community College

revised: 8/07
FULTON-MONTGOMERY COMMUNITY COLLEGE
Radiologic Technology Program
Clinical Experience

Dexa Scan Rotation
Area Evaluation

Name: ___________________________________________ Semester: ________________________
Class of: _________________ Date: ___________________ Hospital: _________________________

Please check the appropriate response (Yes, No, NA if not applicable)

<table>
<thead>
<tr>
<th>The student:</th>
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Evaluator/Technologist’s Signature: __________________________________________________

Student’s Signature: _______________________________________________________________

Comments:
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________________________________________________________________________________________
________________________________________________________________________________________

COMPETENCIES

Upon completion of a limited rotation utilizing the Dexa Scan unit, the student shall be able to:

10. Comfort and reassure the patient.

11. Explain the basic procedure and answer simple questions.

12. Prepare the patient for the procedure.

13. Apply basic anatomy principles to images produced.

14. Assist the radiographer in patient education, preparations and procedures.

15. Operate routine scan functions if applicable.

16. Demonstrate effective communication skills.

17. Maintain safe procedures toward self, patients and others.

Source: Broome County Community College. rev 6/11 cc
FULTON-MONTGOMERY COMMUNITY COLLEGE  
Radiologic Technology Program  
Clinical Experience  
MRI Rotation  
Area Evaluation

Name: __________________________  Semester: __________________________

Class of: __________  Date: __________  Hospital: _________________________

Please check the appropriate response (Yes, No, NA if not applicable)

<table>
<thead>
<tr>
<th>The student:</th>
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Evaluator/Technologist’s Signature: __________________________________________________

Student’s Signature: _____________________________________________________________

Comments:
________________________________________________________________________________________
________________________________________________________________________________________
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COMPETENCIES

Upon completion of a limited rotation in the MRI Department, the student shall be able to:

1. Comfort and reassure the patient.
2. Explain the basic procedure and answer simple questions.
3. Prepare the patient for the procedure.
4. Apply basic anatomy principles to images produced cross-sectional.
5. Assist the radiographer in patient education, preparations and procedures.
6. Operate routine scan functions if applicable.
7. Demonstrate effective communication skills.
8. Indicate procedures requiring contrast agents.
9. Maintain safe procedures toward self, patients and others.

Source: Broome County Community College
FULTON-MONTGOMERY COMMUNITY COLLEGE
Radiologic Technology Program
NUCLEAR MEDICINE ROTATION
Area Evaluation

Name: _____________________________________________ Semester: ______________________
Class of: __________________ Date: ___________________ Hospital: ____________________

Please check appropriate response (Yes, No, NA if not applicable)

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<tr>
<td>willingly assists nuclear medicine technologist and others.</td>
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<tr>
<td>demonstrates understanding of the Hot Lab.</td>
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<tr>
<td>asks pertinent questions relating to isotopes.</td>
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<tr>
<td>demonstrates safe behaviors for self, patient, and others.</td>
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Evaluator/Technologist’s Signature: __________________________________________________
Student’s Signature: _______________________________________________________________
Comments:
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COMPETENCIES
Upon completion of a limited rotation in the Nuclear Medicine Department, the student shall be able to:
1. Comfort and reassure the patient.
2. Explain the basic procedures and answer simple questions.
   Basic Procedure:
   a. Bone, Cardiac, or Gall Bladder Scan
3. Prepare patient for the procedure.
   a. Patient positioning
   b. Basic patient preparations
4. Apply basic physiology principles to processed information.
5. Assist the Nuclear Medicine Technologist in routine responsibilities, such as, patient education, preparations and procedures. (To include Hot Lab, QC, Area Surveys)
6. Operate routine scan functions if applicable.
7. Demonstrate effective communication skills.
8. Demonstrate knowledge of Nuclear Medicine and radiation safety.
   a. radioactive isotope decay
   b. proper handling of radioactive materials
   c. basic radiation physics
   d. radiation biology principles
9. Maintain safe procedures toward self, patient and others.

Revised: 1-18-06
Other sources:
T. Reed, T. Serge, Nuclear Medicine, SMH
S. Sgambato, Nuclear Medicine, NLH
FULTON-MONTGOMERY COMMUNITY COLLEGE
Radiologic Technology Program
Clinical Experience
RADIATION THERAPY
Area Evaluation

Name: ___________________________________________ Semester: ________________________
Class of: _________ Date: ___________________ Please check the appropriate response (Yes, No, NA if not applicable)

<table>
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<tr>
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<tr>
<td>demonstrates understanding of simple instrumentation principles.</td>
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<tr>
<td>observes patients via monitor for patient movement</td>
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<tr>
<td>asks appropriate questions</td>
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<td>observes simulations of the set up for treatment, preparing patients, positioning treatment machine and films exposures.</td>
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<td>demonstrates safe behaviors for self, patient and others.</td>
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Evaluator/Technologist’s Signature: __________________________________________________
Student’s Signature: _______________________________________________________________

Comments:
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COMPETENCIES

Note: Radiation Therapy at New York Oncology/Hematology is an OBSERVATIONAL experience only. Students do not assist in or perform any aspect of patient care.

Upon completion of a limited rotation utilizing the Radiation therapy unit, the student shall be able to:

18. Comfort and reassure the patient.
19. Explain the basic procedure to the therapist
20. Understands simulation process.
21. Demonstrate effective communication skills.
22. Maintain safe procedures toward self, patients and others.

Students will be assigned to radiation therapy for a two day rotation, Wednesdays and Fridays.

8/06, 6/10 cc, 6/11 cc
Name: ___________________________________________ Semester: ________________________
Class of: _________________ Date: ___________________ Hospital: _________________________

Please check the appropriate response (Yes, No, NA if not applicable)

<table>
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<tr>
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<tr>
<td>willingly assists sonographer and others.</td>
<td></td>
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<tr>
<td>demonstrates safe behaviors for self, patient and others.</td>
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Evaluator/Technologist’s Signature: __________________________________________

Student’s Signature: _________________________________________________________

Comments:
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COMPETENCIES

Upon completion of a limited rotation in the Ultrasound Department, the student shall be able to:

1. Develop a basic understanding of the instrumentation and imaging procedures of sonography.

2. Recognize the differences in imaging principles between radiography and sonography.

3. Maintain a professional attitude and appearance.

4. Apply basic anatomy principles to images produces.

5. Assist the sonographer in patient education, preparations and procedures.

6. Demonstrate effective communication skills.

7. Maintain age procedures toward self, patients and others.

Source: Broome County Community College
Synopsis

Students are required to satisfactorily complete competency testing. A minimum of three procedural evaluations must be passed before a competency test may be taken. If a student attains grades below acceptable level of 85%, the measures below must be followed and completed before the student can be tested again.

1. Re-study radiographic position/procedure from the textbook and notes.

2. Review clinical experience facilities policies and procedures for this examination.

3. Begin by observing a licensed radiographer/clinical faculty performing this examination and completing proficiency evaluation tests. Record information on the Competency Procedures Record form.

4. Request conference with clinical faculty to review procedure requirements prior to re-testing.

I have completed steps 1-4 and I am ready to be re-tested for ______________________.

Examination

Yes No Student Signature: __________________________

Is the student ready for re-testing?

Yes No Clinical Faculty Signature: __________________________

Date: ___________________

Note: The first competency test, this corrective form and the second competency test should be filed in the student folder all together.
**PERFORMANCE STANDARDS**

<table>
<thead>
<tr>
<th>A. Reads and Interprets Requisition</th>
<th>C</th>
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</thead>
<tbody>
<tr>
<td>2 - Correctly interprets terminology, projections needed, and procedure protocol</td>
<td></td>
</tr>
<tr>
<td>1 - Limited understanding of terminology, projections, procedure protocol</td>
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</tr>
<tr>
<td>0 - Misinterprets terminology, projections needed, procedure protocol</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>B. Patient Relationship</th>
<th>C</th>
</tr>
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<tbody>
<tr>
<td>2 - Introduces self, verifies with DOB, explains procedure, takes history (? pregnancy)</td>
<td></td>
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<tr>
<td>1 - Communicate with the patient, but leaves some detail out</td>
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<tr>
<td>0 - Does not introduce self, verify, explain, or talk to the patient acceptably</td>
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</table>

<table>
<thead>
<tr>
<th>C. Room/Equipment Setup and Use</th>
<th>C</th>
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</thead>
<tbody>
<tr>
<td>2 - Prepares table, chairs, equipment, films, set control panel</td>
<td></td>
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<tr>
<td>1 - Improperly sets up room/ control panel – catches and corrects mistake</td>
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<tr>
<td>0 - Has to be corrected just before exposure</td>
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</table>

<table>
<thead>
<tr>
<th>D. Film Size/Type/Direction</th>
<th>C</th>
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</thead>
<tbody>
<tr>
<td>2 - Uses correct film size and type, used the proper alignment</td>
<td></td>
</tr>
<tr>
<td>1 - Uses incorrect film size or type but is logical in choice and alignment.</td>
<td></td>
</tr>
<tr>
<td>0 - Uses incorrect film size or type, film used is in wrong alignment</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>E. Patient Position</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 - Patient placed in correct position for study</td>
<td></td>
</tr>
<tr>
<td>1 - Minor corrections made (e.g. oblique not quite 45)</td>
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<tr>
<td>0 - Patient placed in completely wrong position for study</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>F. Central Ray/Landmarks</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 - Correct central ray and landmark used</td>
<td></td>
</tr>
<tr>
<td>1 - Acceptable central ray and landmark used, part is sufficiently within the field</td>
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</tr>
<tr>
<td>0 - Correct central ray and/or landmarks are not used</td>
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<thead>
<tr>
<th>G. Tube/Film/Part Alignment</th>
<th>C</th>
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<tbody>
<tr>
<td>2 - Applies class lecture and department protocols</td>
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</table>
| **2** - All alignment is correct  
**1** - Alignment slightly off by acceptable  
**0** - Alignment inappropriate – part is or would be cut off | **H. Immobilization (as needed)** – Applies Class lecture with the patient’s safety in mind.  
**2** - Immobilization techniques correctly and creatively applied  
**1** - Immobilization techniques adequate for the procedure  
**0** - Immobilization is not used or is ineffectively used | C |
| **I. Marker, I.D.** – Used according to lecture, legal guidelines and department protocols  
**2** - Uses markers and patient I.D. correctly, seen on the radiograph  
**1** - Uses markers and I.D., not seen on the radiograph/not used properly  
**0** - Does not have/use markers, and/or does not use I.D. (Flash) | **J. Technique** – Applies techniques based on department protocols and technique charts.  
**2** - Consults technique chart and correctly sets technical factors  
**1** - Consults technique chart, makes small error but film not affected  
**0** - Does not consult technique chart/ uses incorrect technical factors | C |
| **K. Collimation** – Applies class instruction and department protocol  
**2** - Uses proper collimation (collimation to film or better, part not cut)  
**1** - Collimates, but should be better for this exam  
**0** - Does not collimate or collimates but cuts of part | **L. Shielding** – Applies classroom information and/or department protocol  
**2** - Shields patient properly  
**1** - Shields patient, more area could be covered  
**0** - Does not shield, cover part, or does not shield patient properly | C |
| **M. Patient Safety** – Applies class lecture and department protocols for safe practices, is aware of patient’s needs and responds appropriately.  
**2** - Applies safe practices and responds appropriately to patient needs  
**1** - Acceptably safe practices, good response, unsure of some patient needs  
**0** - Unacceptable safety measures, and/or unaware of patient needs, and/or inappropriate response to patient needs | **N. Work Pattern** – Applies logical steps in preparing for and performing procedures in a timely manner.  
**2** - All steps follow a logical sequence in a timely manner  
**1** - Some steps cause wasted time  
**0** - No logical order to steps, seems confused, disorganized, excessive time | C |
| **O. Image Evaluation** – Films are not properly evaluated for quality and completeness.  
**2** – Identifies all anatomy and positions, properly judges quality  
**1** – Identifies most anatomy and positions, fairly good judgment of |   |
quality.

0 = Unable to identify anatomy and positions, poor judgment of quality.

<table>
<thead>
<tr>
<th>Satisfactory or Unsatisfactory (Grade for Comp.):</th>
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<tbody>
<tr>
<td>Sat./Unsat.</td>
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<tr>
<td>P1</td>
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<tr>
<td>P2</td>
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<tr>
<td>C</td>
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**KEY**

- Procedural: no zeros = Satisfactory
  - One or more zero(s) = Unsatisfactory
- Competency:
  - 30 = 100 (points x 100) Divided by 30 = grad
  - 29 = 97
  - 28 = 93
  - 27 = 90
  - 26 = 87 Sophomore Unsatisfactory, Freshman Satisfactory
  - 25 = 83 Freshman Satisfactory
  - Below 25 Freshman Unsatisfactory
  - Fail Competency: See faculty

- A Zero in any (A – O) = Fail Competency

**Brief Comments**

- P1
- P2
- C
FULTON-MONTGOMERY COMMUNITY COLLEGE
RADIOLOGIC TECHNOLOGY PROGRAM
FINAL COMPETENCIES

Student Name: ______________________________________________________

Final competencies will be based on, at least, four of the following procedures:
(Circle One)

1. Trauma examination ____________________________________________
2. Portable examination ____________________________________________
3. Extremity examination ____________________________________________
4. Chest examination _______________________________________________
5. Spine examination _______________________________________________
6. Fluoroscopy examination __________________________________________
7. Low volume examination __________________________________________
8. Multiple examinations ____________________________________________

A grade of B+ or better is required to pass the Terminal Competencies

Scoring abbreviations:

NA- NOT ACCEPTABLE
NI- NEEDS IMPROVEMENT
E- EXCELLENT

1. Demonstrate radiation protection for the patient, self and others.
   NA  NI  1  2  3  4  5  6  7  8  9  10

2. Demonstrate knowledge of human anatomy and physiology as they relate to examination being performed.
   NA  NI  1  2  3  4  5  6  7  8  9  10

3. Demonstrate knowledge of human pathology in relationship to examination being performed technically.
   NA  NI  1  2  3  4  5  6  7  8  9  10

4. Displays proper body mechanics.
   NA  NI  1  2  3  4  5  6  7  8  9  10

5. Displays confidence in equipment operation and functionality using safety guidelines.
   NA  NI  1  2  3  4  5  6  7  8  9  10

6. Demonstrates effective positioning skills.
   NA  NI  1  2  3  4  5  6  7  8  9  10

73
7. Demonstrates critical thinking in regards to patient’s condition when positioning for examinations.

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10. Film critiques of all examinations performed based on film critique evaluation.

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________________________ Examination __________________________ Score

Comment:
________________________________________________________________________
________________________________________________________________________
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Evaluator’s Signature: _____________________________ Date: __________
Student’s Signature: _____________________________ Date: __________

NOTE:
1. All mandatory and elective competencies must be completed before the Terminal Competencies can be taken.

2. Automatic Failures:
   a. Wrong patient
   b. Attempted wrong exam
   c. Attempted wrong side
   e. Marked incorrectly on two or more competencies

   If you fail the Terminal Competency you can make it up with in one month. If you fail in April, you can make it up in May. If you fail in May, you can make it up in June, etc. This does constitute a summer session.

3. A B+ is equal to an 86.5 to 89.4

4. You will be allowed a maximum of 15% for repeat films for the entire terminal competency day. This will be determined by the clinical instructor.

Vfc 1-20-06, rev. 3/06, 9/06, 1/07, 3/07, 6/12cc
FULTON-MONTGOMERY COMMUNITY COLLEGE
RADIOLOGIC TECHNOLOGY PROGRAM
CLINICAL PERFORMANCE EVALUATION

Student Name: ________________________________
Term__________ Semester_________ Date

Critical thinking competencies will be based on a successfully completed competency:

Procedure:____________________________________________

A grade of 85% or better is required to pass the Critical thinking Competency

Scoring abbreviations:
NA- NOT ACCEPTABLE
NI- NEEDS IMPROVEMENT
E- EXCELLENT

1. Demonstrate radiation protection for the patient, self and others.
   NA  NI  E
   1  2  3  4  5  6  7  8  9  10

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   examination being performed.
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   1  2  3  4  5  6  7  8  9  10

3. Demonstrate knowledge of human pathology in relationship to examination being
   performed technically.
   NA  NI  E
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4.0 Displays proper body mechanics.
   NA  NI  E
   1  2  3  4  5  6  7  8  9  10

5. Displays confidence in equipment operation and functionality using safety guidelines.
   NA  NI  E
   1  2  3  4  5  6  7  8  9  10

6. Demonstrates effective positioning skills.
   NA  NI  E
   1  2  3  4  5  6  7  8  9  10

7. Demonstrates critical thinking in regards to patient’s condition when positioning for
   examinations.
   NA  NI  E
   1  2  3  4  5  6  7  8  9  10

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________________________ Examination ______________________ Score

Comment:
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________________________________________________________________________

Evaluator’s Signature: _____________________________ Date: __________
Student’s Signature: _____________________________ Date: __________

NOTE:

2 Automatic Failures:
   a. Wrong patient
   b. Attempted wrong exam
   c. Attempted wrong side
   f. Marked incorrectly on two or more competencies

3 A minimum score of 85% is required

4 You will be allowed a maximum of 15% for repeat films for the examination. This will be determined by the clinical instructor.
I have received the Fulton-Montgomery Community College Radiologic Technology Program, Clinical Experience Booklet.

I have read and understand the contents.

Student Signature: ________________________________ Date: _________________