Department Annual Report

2012-2013

Radiologic Technology

325

Document Prepared By:

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Department Information

Current year goals

1. Research possibility of posting all or most clinic forms online (Blackboard). Currently, they are available on Blackboard but cannot be completed on Blackboard. Post forms if possible, to Blackboard. (Brand)
   a. – Goal was not met. The responsible faculty member resigned before completing this task. We will include it in this year’s goals.
2. Plan and implement Clinical Instructor Retreat (Nordman-Brand)
   a. – Goal was successfully met. Not all outcomes were obtained. We scheduled an IT person to attend the retreat to help upload images to a shared image bank. That individual did not show until called. When they did arrive they were not able to trouble shoot the problems we were having with the uploads. As a result, the building of an image bank, was not successful. I have since met with Jeff Kissinger. He will help us put together a project to complete what is necessary.
3. Update professional credentials by attending AEIRS Conference
   a. – Goal was successfully met. Attended AEIRS Conference in New Orleans and received 7.5 continuing education credits.
4. Attend RSNA conference with Second year students
   a. – Goal was successfully met. We were also, able to bring the first year students to the RSNA. This was the first year we have attempted this. All students were taken to the conference via Cardinal bus. Students attended the conference exhibit floors and attended a mandatory class. Upon returning to class, each student reported on five exhibits that they experienced while attending the conference.
5. Online course development of GH 110. (Godfrey)
   a. – Goal was successfully met. Mary Godfrey worked tirelessly on this project. She was required to complete numerous revisions with numerous individuals. This process was not smooth. The first Online GH 110 is being offered this summer, 2013.
6. Review Curriculum for RT 111 and RT 113 Lecture and Lab
   a. – Goal was successfully met. Curriculum has been reviewed and new outcomes are ready to be implemented. With the change in Lab instructors (from Amanda to Joel) in these courses the new outcomes will align seamlessly. The Carps will be updated with these outcomes and aligned with the ILO’s this summer.
7. Meet with Consortium to consider CT program to start in Fall of 2013
   a. – Goal was successfully met. The Consortium has met three times this semester. We have decided not to include CT at this time.
8. Obtain clinic sites for GRCC CT students and additional RT clinic sites
   a. – Goal was not successfully met. Currently, we have not made contact regarding CT sites, due to the fact that we will not be starting CT in the Consortium. We are down five RT clinic sites. Three sites from North Ottawa Community Hospital, one from Saint Mary’s Hospital and one from Blodgett Hospital. It is very difficult to obtain new clinic sites. The time and effort are immense and if and when we do find one they will need to be approved through our accrediting body and we will need to pay an additional fee of $ 250.00 for each one. The program would welcome any and all support in an effort increase clinical sites.

Goals for next year

2. Attend AEIRS Conference and Interim Report update through JRCERT.

3. Obtain new clinic sites. We will need five sites to replace the ones that are no longer available. This may require some assistance from administration.

4. Revision of RT course schedule for use in new department.

5. Revision of lab courses to include new technology provided with Cook renovation (video), computer testing.

6. Research possibility of completing all (or most) clinic forms online (Blackboard).


8. Develop Rad Tech Department Web page.

Internal collaborations and partnerships

1. In support of the “walk on Lansing” The Rad Tech department students developed a powerpoint that defined the CARE bill, a state bill that would require all Radiologic Technologists to be licensed in the state of Michigan. This was shared with Keith St. Clair in the Social Sciences department.

2. For the 2013-14 school year I have met with Gilles in the Culinary department regarding a collaborative baking project

External collaborations and partnerships

1. It was through our relationship with the MSRT (Michigan Society of Radiologic Technologists) that we were able to participate in the “Walk on Lansing”.

2. Celebrated the program’s “40” year Anniversary

Departmental needs for support from other departments within the college

1. We will need support from the DLIT department to:
   - get our department page populated and running
   - check into online/computer testing

2. There will be a need for advertising from the Public Relations department for new MRI students and also for the RT 240 course (Cross-Sectional Imaging).
3. We will most likely need some support from administration in regards to finding additional clinic sites.

Program accreditation updates
We will be attending an Interim report seminar at our National Meeting in July of this year. Our Interim report is due July 1, 2014.

Description of departmental advising plan and outcomes
In the past, we have met with Rad Tech students on a as needed basis. We seem to be getting many calls from students who have been told to make an appointment with the director of the program or the Rad Tech advisor.

I plan to hold open academic advising hours once a month during the fall and winter semester. Currently, we are advising on an as needed basis. Given that the program is in the middle of a faculty search and will be moving offices and then departments, I feel it will be beneficial to students to have a guaranteed time to seek information. Also, I will ask to be placed on the Counseling department agenda to provide them with updated information regarding our programs. Brenda and Paula will work on a “Cheat sheet” to provide counseling for future use with students.

Updates About Student Organizations and Achievements
- The Rad Tech Club was very successful this year. Their fundraising included carwashes, ink pen sales and fruit sales. There were also, several donations made to the club. Students used the money to pay for one half of the bus trip to the RSNA in Chicago and the flowers for the Pinning Ceremony. Both the first and second year students were able to attend the RSNA this year.

Other department updates
- The Rad Tech Program had a student member appointed to the Strategic Leadership Team.
- There were two Rad Tech student members of the Delta Pi Alpha, one who maintained a four point GPA

- The Rad Tech Department took on a student from Elgin Community College for her last two semesters of clinic. She will finish her Metro clinic time in June. At that time she will graduate from Elgin Community College. Although, it took some work to make this happen, Brittney proved to be an exemplary student.
- The Rad Tech department worked the winter semester without a second full-time instructor. Mike Kasperlik came from North Carolina to cover the clinic hours and Julie Lackscheide filled in the lecture and lab while also working full time at Saint Mary’s Hospital. Julie managed four new preps during this time and did an amazing job! I am very grateful to her and Mike.

Faculty & Staff
Departmental Professional Development Activities (Contractual Obligations for Departmental Faculty Development/6 hours)

Fall
AEIRS Conference was attended by Deb Nordman and Amanda Brand (July)
Curriculum was reviewed for RT 111 and RT 113. An updated text was incorporated for RT 111.
Clinical Instructor Retreat was held on October 5, 2012.
   - Clinical curriculum was updated to include patient transport
   - Clinical assessment tools and best practices were discussed with the possibility of a pilot for the *E Value system (electronic evaluation tools).
   - Clinical Instructor feedback was solicited regarding the acceptance of electronic evaluation
   - Determined dates for addition of three first year clinic days at the start of winter semester
   - An image (Teaching File) bank was created through Google drive to hold radiographic images from the college and all six clinical sites. These images will allow the college and the clinical instructor’s access to radiographic images for all courses. Additionally, anyone will now be able to upload new images. This process will be re-worked with Jeff Kissinger as a project to streamline the process and make it more manageable for clinical instructors.
Mary Godfrey, Deb Nordman worked towards approval for the online section of GH 110. (APPROVED!)
Attend RSNA November 28, 2012 with first and second year students. (Deb Nordman, Amanda Brand, Julie Lackscheide, Jeff Lloyd, Joel Rescoe)

Winter
Updated text incorporated for RT 113.

Consortium meetings held to consider the addition of a CT program.
CT program is not being considered for fall of 2013. Sites will need to be determined for future use of CT.
Electronic Evaluation tools assessed
   - unable to consider the expense at this time (E-value System)
Research availability of new clinic sites for GRCC RT students.
   - Lost three spots at North Ottawa Community Hospital and one spot at Saint Mary’s Hospital and one spot at Metro Hospital
   - Have contacted Greenville, Lakeview, Pennock and Kelsey. I will try Gerber Memorial and continue to work with North Ottawa.

Faculty Professional Development Activities- Year End Summary
Perkins Funded:

-AEIRS Conference (Deb Nordman, Amanda Brand) Core Indicators 1 and 2
-Technique book assessment for students in clinicals - Students are required to record every technique and patient protocol learned in clinic. The clinical instructor checks these at each site visit.
-Problem Based Learning – We were presented a plan for PBL in the field of Radiography. Although we often use situations or scenarios in lecture and lab, this gave us a more in depth process that we will allow the students a higher level of learning. This will be an excellent tool for our video room in the new department.
-Forensic Medicine – This covered the recovery efforts after the earthquake in Port au Prince, Haiti. Many students are interested in disaster relief and recovery and the Disaster Mortuary Operational Response Team (DMORT) which is a part of the National Disaster Medical System (NDMS). We learned the Radiographer’s role and the governmental and legal requirements involved in the field.

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-Attend RSNA November 28, 2012 with first and second year students (Amanda Brand, Julie Lackscheide, Jeff Lloyd, Joel Rescoe) Core Indicators 1 and 2
- Students attended the Radiologic Society of North America (RSNA) Core Indicators 1 and 2
- This seminar provides students with an opportunity to experience radiographic equipment that may not be in use for several years. We require students to report back to the class on the five most influential pieces of equipment they experienced.

Faculty Development Plans for Upcoming Year
AEIRS Conference, Salt Lake City, Utah, July 10-12, 2013 – Deb Nordman and Julie Lackscheide
CI Retreat, October, 2013
RSNA – Monday, December 2, 2013 Deb Nordman, Julie Lackscheide
EOL/Release Time Work

EOL/Release GH - GH outcomes/assessment were reviewed, updated and matched to the ILO’s. The carp document was also updated to reflect these changes. The information is now accurate for students to access from all sites.

EOL/Release Clinical Coordinator – Clinical Competency criteria were evaluated and adjusted. Each clinical site reported which exams were still being performed so we could adjust our head competencies accordingly.

EOL/Release MRI Coordinator – MRI Directors have met three times this semester. We have decided not to start CT this fall. We will increase our numbers from 24 to 30 for this next cohort. The application process for students has been updated and implemented. The new student interviews are complete and their orientation meeting took place on April 25, 2013. I have met with everyone involved in the intake process of MRI students, and I believe we now have a system in place. The certificates for the 2012 graduates (August) have still not been awarded. I have been told it is now on their transcripts and they will receive them within the next two to five weeks.

Faculty & Staff Accomplishments/Awards

- At the Trends Conference in Traverse City, Michigan, all members of the MRI Consortium received the Team/ Collaborative Outstanding Educator Award. The award was presented on Thursday, October 11, 2012.
- Mary Godfrey received approval for the GH 110 Online Course in Winter of 2013.

Program Data- Perkins Indicators

5P2: Student Participation in Nontraditional Fields
Perhaps you meant 5P1?
The standard is consistently met and always above the state requirement.

There is no comparison data for the MRI program for all fields at this time.

2P1: Credential, Certificate, or Degree Attainment
The RT program remains at a very high pass rate for the national exam (ARRT credential). However, our pass rate for 2011/12 was 88% not 100% according to Perkins Core Indicators. Our five year average rate remains at 96%.

5P3: Student Completion in Nontraditional Fields
Perhaps you meant 5P2?
According to my exact numbers the RT program for this year had a 27% performance level which is well in excess of state requirements. However, the data indicated on the Perkins Core Indicators is 12.56%. This must come from a survey where there is not 100% participation or it is just a snapshot of the numbers at the time.
4P1: Student Placement

Student placement has always met the state requirement. However, I am not sure where Heath received the 100% in the report. Student placement took a significant drop in 2008 and has been slowly rising since that time. I cannot ever recall a 100% placement.

3P1: Student Retention and Transfer

Again, my numbers do not match the report. We do meet the state requirement, however, we are only at 79%. I am sure this is due in part to my having access to exact numbers and Heath having to rely on surveys. This particular class had four students fail at some point in the program and two students drop for personal reasons.

1P1: Technical Skills Attainment

Technical skill assessments are consistently at or above state requirements for the program.

Summary

All targets for core program indicators are consistently being met. The one indicator that dropped for the RT program this year was 3P1. We will work to improve this through a new approach to academic advising. I plan to hold open academic advising hours once a month during the fall and winter semester. Currently, we are advising on an as needed basis. Given that the program is in the middle of a faculty search and will be moving offices and then departments, I feel it will be beneficial to students to have a guaranteed time to seek information.

Curriculum

Course Improvement Projects

One specific course improvement project worked on for this year included updates to RT 111 and RT 113. The objectives for these courses were reviewed and updated to reflect a new text and changing technology. Objectives were aligned with ILO’s. The updates will more accurately reflect the technology currently being used in our clinical sites. The respective Carp documents were completed.

An additional course improvement project centered around building an image bank for all of our current instructors and clinical instructors to use as a reference for class material. Many images were collected from our clinical sites and we attempted to construct the image bank at the CI Retreat. Unfortunately, the format we were given by IT at the time was very lengthy and confusing. A work around was conceived by Amanda, however, the clinical instructors were very frustrated by this time. (See EOL/Release Fall 2012) Since this meeting I have met with Jeff Kissinger and we have designed a project to complete this work. I am hoping to have it ready by fall semester.
Program Improvement Projects

The program improvement project we chose was to start upgrading paper forms to an electronic format. We were to start with the clinic forms and the project was assigned to Amanda Brand. However, the project did not get completed due to her resignation. All of the student clinic forms (RT 130, RT 131, RT 230, RT 231, RT 232) were updated just not put into electronic format for use on Blackboard.

Course Document (CARP) Updates completed this year

The following Carp documents were updated: RT 111, RT 113, GH 110, GH 111
The following Carp documents were created MRI 200, 201, 220, 222, 230, 232, 240, 241, 260, 261, 262, 263, and 269.

Assessment of Student Learning

I have met with Patti and Katie regarding the Assessment project. She has directed me to attach the Assessment and Board exam scores from last year to this yearend report. There are no results to attach. The timeline will begin this summer (2013) with the exit interview. I feel that the original project is still pertinent and will allow students to improve competency with the C-Arm equipment. The category marked on the board’s exam scores pertains to equipment operation and quality control.

Program Learning Outcome(s) assessed this year

Measures of Student Learning

Initial Data and Findings

Curricular or Pedagogical Changes Implemented

Data and Findings (post improvement/change)