

# Program Review Year 2005 – 2006

**Name of Program:**

**Radiologic Technology**

**Program Review Team Members**

**Nancy Garcia,  
Program Coordinator – Radiologic Technology Program**

**Carol Wallace,  
Clinical Coordinator – Radiologic Technology Program**

**Pat Willett,  
Clinical Coordinator – Radiologic Technology Program**

**Chris Rowse,  
Program Coordinator – Respiratory Care and Polysomnography Program**

**Emily Gonzalez,  
Science Faculty**

**Arthur Zerbey, M.D.,  
Radiologist and Radiologic Technology Medical Director and Advisory Board Member**

**DATE: 4/21/06**

## SECTION SIX: SUMMARY

### I. CONCLUSIONS: PROGRAM STRENGTHS AND WEAKNESSES

A. List and describe the program's major strengths, based on information obtained in the Program Review. Cite evidence for each identified strength.

AREA OF STRENGTH	EVIDENCE
Program Faculty: a committed and caring faculty with a vast experience in their profession and in education.	Course evaluations and student surveys (Senior Exit Survey and Graduate survey)
Radiographic Laboratory: Provides students with hand-on experience	Course evaluations and student surveys (Senior Exit Survey and Graduate survey)
Clinical sites: Provides students with real-life experiences and the opportunity to apply the theory they are learning in their didactic courses and labs in the healthcare environment in order to be prepared for entry level practice	Course evaluations, Clinical Instructor evaluations and student surveys (Senior Exit Survey and Graduate survey), employer surveys
Effective admission process and student support system to ensure high program retention rates.	For the past 3 academic years program retention rates have been high, approximately 90% on the average.
Solid demand for this program.	Chart I and the Coordinator's weekly summary sent by enrollment management
Solid curriculum that provides a well planned sequence of courses	See description of the curriculum in Section III.
The Program receives regular input from internal and external audiences.	Employer Surveys, Senior Student Surveys, Graduate Surveys and information provided by the external accrediting agency (JRCERT).
A solid advisory committee that is committed to the program's ongoing success.	Attendance at the advisory board meetings and ongoing feedback provided by advisory board members.
NECC Library and related learning resources	See discussion of these resources in Section IV of Program Review

**B. List and describe the program's weaknesses or areas in which improvement is desirable, based on information obtained in the Program Review. Cite evidence for each identified weakness or area for improvement.**

<b>WEAKNESS OR AREA FOR IMPROVEMENT</b>	<b>EVIDENCE</b>
<b>Area for Improvement:</b> Need for additional classroom space in order to provide students with a more flexible course schedule.	Student and faculty complaints and feedback.
<b>Area for Improvement:</b> Need for new technology of Computed Radiography in the X-ray laboratory	Changes that have occurred in the technology available in the clinical sites affiliated with the program and employer surveys.
<b>Area for Improvement:</b> Recruitment of additional minorities into the Radiologic Technology Program	A lower number of minority students enrolled in the program, especially for the Hispanic population that predominates in the Lawrence community.
<b>Area for Improvement:</b> Computer lab classrooms to accommodate 25 students	The need to book two computer labs during the spring 2006 semester for RTA205

## II. ACTION PLAN

For each identified weakness or area in which improvement is desirable, submit an Action Plan. (When designing the Action Plan, a suggested plan would include the elements of Process Management using a Plan-Do-Study-Act (PDSA) cycle.) (Note: Add as many of the following tables as necessary.)

Problem	Improvement Activity	Person Responsible	Date of Activity	Findings
Classroom space	Plans for new building in Lawrence that will house the health profession programs	President NECC Board of trustees/City of Lawrence?	To be determined	
Analysis:				

Problem	Improvement Activity	Person Responsible	Date of Activity	Findings
Need for Computed Radiography equipment for X-ray lab	Program Director to submit updated quote for equipment to Dean of Health Professions	Uncertain as to who is responsible to finance cost for equipment. To be discussed with the Dean of Health Professions.	To be determined	
Analysis:				

Problem	Improvement Activity	Person Responsible	Date of Activity	Findings
Recruitment of additional minorities	Discuss strategies with program faculty and advisory board members	Program Director	5/1/06 next advisory board meeting	

Analysis:

Problem	Improvement Activity	Person Responsible	Date of Activity	Findings

Analysis:

**III. RESOURCES REQUESTED**

Complete the following chart, including quotes from vendors, diagrams for requested space, and draft postings as appropriate. (Note: Add rows, increase row height, etc., as needed.)

<b>1. EQUIPMENT</b>				
Item	Justification	Vendor (include contact information)	Cost	Date Needed
Computed Radiography Equipment	The majority of the clinical sites affiliated with the program utilize this technology.	Associated X-ray Imaging Corp.	Approximately \$40,000.00	ASAP
<b>2. PERSONNEL</b>				
Position (identify as faculty, staff, etc.)	Justification	Credentials/area of content expertise related to curriculum	Salary	Date Needed

**3. SPACE**

Type of space requested	Justification	Description (include square feet, construction requirements, e.g., plumbing, electricity, data ports)	Cost	Date Needed
Additional Classrooms	Lack of classroom space on Lawrence campus	New building that would house sufficient smart classrooms that would accommodate 25 to 30 students per room.	???????	ASAP
Larger Computer lab classrooms	The need to schedule two adjacent computer lab classrooms to accommodate 25 students for RTA205 during the spring 2006 semester.	Larger computer lab classrooms would need to be considered when designing the new Lawrence campus	?????????	ASAP