**SUMMARY OF CHANGES IN RADT and RIS**

**Revisions for 2007 in RADT major**

1. Remove BSCI 11000 Principles of Anatomy for Radiologic Technology (4 hrs)
2. Establish BSCI 11010 Anatomy and Physiology I (3 hours).
3. Establish BSCI 11020 Anatomy and Physiology II (3 hours).
4. Inactivate RADT 14001 Orientation to Clinical Radiography (2 hours).
5. Revise hours and description: RADT 14020 Radiographic Procedures I from 5 to 2 hours.
6. Revise description of RADT 14021 Radiographic Procedures II.
7. Revise RADT 24020 Radiographic Procedures III from 3 to 4 hours.
8. Revise RADT 14019 Radiographic Exposure and Imaging I from 2 to 3 hours.
9. Inactivate RADT 24022 Radiographic Exposure and Imaging III (3 hours).
10. Establish RADT 24024 Advanced Imaging (4 hours).
11. All Clinical Education courses changed to show schedule type: Clinical type. Revise pre-requisites for changes above and course descriptions.
12. Remove MATH 11011 College Algebra from program and allow students to choose one from the following:

MATH 11009, Modeling Algebra (4 hours)

MATH 11010, Algebra for Calculus (3 hours)

1. Revise number of Technical Course hours from 34 to 32
2. Revise number of Related Course hours from 20 to 22
3. Revise number of General Studies Course hours from 17 to 16-17
4. Revise Total Requirements from 71 to 70-71 hours

**Pre-Major in RADT**

1. Create a pre-major in the Associate of Applied Science in Radiologic Technology.

**Revision in ATS Category B for RADT**

1. In Notes Section of Completion Programs of RADT, DMS, NMT, RTT:

a. Add MATH 10031-10036

b. Add: Up to six semester hours of RADT 14096 or 24196, Individual Investigation, may be used for this requirement.

1. In Radiology Department Management Technology Completion Program: Replace MATH 11011 with MATH 11009 or 11010 in General Studies Elective section.

**Revisions in RIS major**

1. In **all concentrations**, drop IHS 44091 Professional Seminar in Integrated Health Studies (3 hours) as the Writing Intensive Course and replace it with RIS 44098 Research in Medical Imaging (3 hours).
2. In **all concentrations**, remove MATH 11011, College Algebra from MATH LER list. Provide choice of MATH 11009, Modeling Algebra (4 hours) or MATH 11010, Algebra for Calculus (3 hours).
3. **Computed Tomography Concentration**
   1. Remove RIS 34083 Sectional Anatomy for Med. Imaging (3 hours)
   2. Establish RIS 34084 CT/MRI Sectional Anatomy I (2 hours)
   3. Establish RIS 34086 CT/MRI Sectional Anatomy II (2 hours)
   4. Add RIS 44096 Individual Investigation in Medical Imaging (3 hours) to program

**Computed Tomography Concentration (continued)**

* 1. Revise hours in Professional Level Courses from 24 to 25
  2. Revise Total Requirements from 131-132 to 132-133 from Associate of Applied Science in Radiologic Technology option
  3. Revise Total Requirements from 121-122 to 122-123 from Hospital-Based Program and ATS option
  4. Create a certificate program in Computed Tomography

1. **Diagnostic Medical Sonography Concentration**
   1. Associate of Applied Science in Radiologic Technology Entry
      1. Revise total hours in Professional Level Courses from 41 to 38
      2. Revise Total Requirements from136-137 to 133-134
   2. Freshman Entry or AS Entry
      1. Revise Basic Sciences LER to (per Physics Department)

PHY 13001 General College Physics I (4 hours)

PHY 13021, General College Physics I Lab (1 hour)

* + 1. Revise total hours in Professional Level Courses from 41 to 38
    2. Revise Total Requirements from 124-126 to 121-123
  1. Hospital Based/ATS Graduates
     1. Revise total hours in Professional Level Courses from 41 to 38
     2. Revise Total Requirements from 124-125 to 121-122

1. **Magnetic Resonance Imaging Concentration**
   1. Remove RIS 34083 Sectional Anatomy for Med. Imaging (3 hours)
   2. Establish RIS 34084 CT/MRI Sectional Anatomy I (2 hours)
   3. Establish RIS 34086 CT/MRI Sectional Anatomy II (2 hours)
   4. Revise RIS 44032 MRI Procedures (3 hours) to MRI Procedures I (2 hours)
   5. Establish RIS 44033 MRI Procedures II (2 hours)
   6. Revise RIS 44034 MRI Equipment (3 hours) to MRI Equipment II (2 hours)
   7. Establish RIS 44039 MRI Equipment II (2 hours)
   8. Create a Certificate Program in Magnetic Resonance Imaging
2. **Nuclear Medicine Concentration**
   1. In all three options, make the following revisions in course hours:
      1. RIS 44001 NM Patient Management from 2 to 3 hours
      2. RIS 44011 NM Radiopharmacy from 3 to 4 hours
      3. RIS 44014 NM Physics/Instrumentation II from 2 to 3 hours
3. **Radiation Therapy Concentration**
   1. In all three options, make the following revisions:

1) RIS 44026, RTH Pathology to RIS 44026 RTH Pathology I

1. Establish RIS 44042 RTH Pathology II
   1. Freshman Entry or AS Entry
      1. Revise Basic Sciences LER to (per Physics Department)

PHY 13001 General College Physics I (4 hours)

PHY 13021, General College Physics I Lab (1 hour)

**Pre-Major in RIS Major**

1. Create a pre-major for the RIS degree for all five concentrations.