Annual Academic Assessment Report Cover Sheet

Assessment reports are due the 1st Wednesday after the Fall Term
Email to: assessment@unlv.edu

Program Information:

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<th>Program Assessed</th>
<th>Nuclear Medicine Technology</th>
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<tr>
<td>Department</td>
<td>Health Physics</td>
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<tr>
<td>College</td>
<td>Allied Health Sciences</td>
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<td>Department Chair</td>
<td>Steen Madsen</td>
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<tr>
<td>Assessment Coordinator</td>
<td>Art Meyers</td>
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<td>Date Submitted</td>
<td>12/9/15</td>
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Contact Person for This Report

<table>
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<tr>
<th>Name</th>
<th>Art Meyers</th>
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<tr>
<td>Phone</td>
<td>895-0976</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:arthur.meyers@unlv.edu">arthur.meyers@unlv.edu</a></td>
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Please attach a narrative (not to exceed 4 pages, excluding appendices) addressing the following:

- What are the student learning outcomes? Please provide a numbered list.
- Which learning outcomes were assessed?
- How were they assessed? (Programs must use at least one direct assessment of student learning.)
- Undergraduate programs should assess at least one University Undergraduate Learning Outcome (UULO) each year, which may or may not overlap with a program learning outcome.
- Graduate programs should assess at least one outcome related to one of the following graduate level requirements each year:
  - student engagement in research, scholarship, creative expression and/or appropriate high-level professional practice.
  - activities requiring originality, critical analysis and expertise.
  - the development of extensive knowledge in the field under study.
- What was learned from the assessment results?
- How did the program respond to what was learned?

Please limit the narrative portion of your report to no more than four pages. You may attach appendices with data, tables, charts, or other materials as needed. Please explain the relevant conclusions from any appendices in your narrative. Please contact the Office of Academic Assessment if you have questions or need assistance.
What are the student learning outcomes?
1. Apply theoretical and practical applications of nuclear medicine
2. Develop cognitive thinking through laboratory and coursework exercises
3. Find gainful employment locally, or regionally, as a staff or chief technologist
4. Continue to acquire knowledge and experiences requisite to assuming a leadership role in the field of nuclear medicine
5. Learn many diverse aspects of nuclear medicine from routine to experimental through a wide range of clinical experiences
6. Successfully write a national registry examination in nuclear medicine
7. Have a sound academic foundation for graduate study
8. Conduct themselves in an ethical and professional manner

Over the past year, the following learning outcomes were assessed Jan-Dec 2015
Which learning outcomes were assessed?
1,2,4,5,8

How were they assessed?
1. Comprehensive final examinations are given to students at the end of each semester. These exams assessed student’s knowledge of practical applications and various aspects in the field of Nuclear Medicine. Students used cognitive deductive reasoning to calculate mathematical problems. These examinations further assessed student’s ability to achieve the knowledge requisites for graduate school.

2. Laboratory exercises and homework were used to assess student's cognitive knowledge of materials and demonstration of applications of Nuclear Medicine theory.

3. Competency evaluations were performed on each student during clinical rotations. These competency tests performed while students are at various outpatient and hospital sites were assess; theoretical applications of materials to real work situation, knowledge necessary for leadership roles in Nuclear Medicine, and evaluate conduct of students in terms of ethical and professional guidelines.

What was learned from assessment results?
11/12 students that entered the nuclear medicine program have successfully completed the learning outcomes described. One student was dropped from the program because she did not satisfactorily complete competences required.
How did the program respond to what was learned?

*The Nuclear Medicine program meet with its advisory committee made up of professionals in the field of nuclear medicine including; supervisors, technologists, radiopharmacists, chief technologists, radiology managers, medical director, and Program Director. The committee met semi-annually to discuss concerns and disseminate information regarding the program.*

*Furthermore, the Program Director met formally and informally with the Department Chair to keep him up to date on the status of students and those that are meeting learning objectives.*