

AMARILLO COLLEGE Planning and Evaluation Tracking

Academic year 2009-10

Division of: Allied Health Department of: RADIATION THERAPY

Person Responsible: Bill Crawford, Chairman

Person Responsible: Tony Tackitt, Program Director

Purpose Statement: To provide a comprehensive curriculum for the Amarillo College Service area and beyond that will enable each graduate to perform the duties and responsibilities of an entry level radiation therapist.

Goal Statements	Assessment Tools/ Standards/ Frequency/Responsibility	Results	Use of Results/Revisions
<p>1. Maintain accreditation through the JRCERT (Joint Review Committee on Education in Radiologic Technology) or other accepted accreditation agency--to include conforming to A.R.R.T. competency requirements.</p>	<p>1. Reviewal: JRCERT reviewed time frame dependent upon accreditation status. Tool: JRCERT Accreditation process Responsibility: Program Director, Sponsoring Institution (Amarillo College), Report to Advisory Committee of any change in status</p> <p>Compliance with "Standards" as documented by the JRCERT . Also, document compliance with A.R.R.T. competency requirements Clinical skills are assessed in clinical evaluation forms</p>	<p>1. Full 8 yr accreditation awarded. Interim follow-up report accepted allowing program to maintain accreditation. Next review: 2010</p>	<p>No revisions expected until next accreditation review.</p>
<p>2. Program graduates should be able to successfully complete the national registry (licensing) examination.</p>	<p>2. Reviewed annually at Advisory Committee Meeting. Responsibility: Program Director: report to Advisory Committee tool: ARRT results Program pass rate of at least 85% over 5 year period on A.R.R.T. examination.</p>	<p>2. Exam results provided by the national Registry (A.R.R.T.) 1st attempt results only: 2004: 9/ 9 2005: 10/11 2006: 8/8 2007: 10/12 2008: 10/10 TOTAL: 47 /50=94%</p> <p>Subsequent attempts: 3/3 Total passing within ARRT time-frame of 3 years: 50/50 = 100%</p>	<p>2. Test results will assist in revising existing curriculum. 2007: 2 students did not pass first attempt. One is an ESL student with some difficulty in understanding technical language, the other waited 7 months between graduation and first attempt. As of 03/08 one had re-taken and passed.</p> <p>5 year 1st time pass rate= 94% (national avg. = 81%. No curriculum revisions adopted as a result of these results</p>
<p>3. Prepare the student to be able to successfully complete an exit examination as a part of the final course in the curriculum. The program will help to fulfill</p>	<p>3. Reviewed Annually. Responsibility: Program Director: report to Advisory Committee. tool: program Exit examinations, Program Director job placement report 100% of the graduates will pass comprehensive "Exit" examination before they will be allowed to</p>	<p>3. 2007: all students passed within the normal confines of the Review course. 2008: all students passed within the normal confines of the Review course.</p>	<p>3. Exam results will be analyzed to show possible weaknesses in specific courses in the major curriculum, as well as weaknesses for each individual student. Courses will be revised when appropriate.</p>

local/regional/state/national needs for certified radiation therapists	graduate.		2008: Exam results show that didactic curriculum is a major strength of the program.
4. Prepare the student for the clinical responsibilities of a working radiation therapist.	<p>4. Reviewed Annually. Responsibility: Clinical Supervisors. Input by Program Director. tools: Clinical assessment/competency forms, phone interviews, graduate surveys Students will maintain passing grades in their clinical rotations (note: grading scale consists of A, C, F), thereby demonstrating a proficiency level consistent with an entry level radiation therapist. ARRT comps to be passed.</p> <p>The program will exhibit a job placement rate of not less than 75% within 6 months of graduation over the previous 5 years (exception: students continuing their education at the college level)</p>	<p>4. Evaluation forms are to be completed by staff at the clinical site and will be maintained and reported by the Clinical Supervisor. 2008 results: 100% passed clinical requirements & ARRT comps.</p> <p>Job placement within 6 months 2004: 9/9 2005: 11/11 2006: 8/8 2007: 12/12 2008: 10/10 *2 are part time TOTAL: 50 /50=100%</p>	<p>4. Final grades, as well as comments by staff and Advisory Committee, will be used to update the clinical curriculum and evaluation instruments.</p> <p>Clinical instruments revised and updated for Fall 2008 based on equipment changes and comments from staff/students. Lab curriculum updated to incorporate newer machine technologies.</p>
5. Review program mission and goals annually	<p>5. Reviewed Annually. Responsibility: Program Director, program faculty, Advisory Committee</p> <p>Advisory committee to review at annual meeting and report recommendations. Sub-committees may be utilized in any revision if deemed necessary by the advisory committee.</p>	5. mission/goals to conform with 2001 Site Team suggestions	5. Mission & Goals reviewed at last Adv. Committee meeting. No revisions recommended.
6. Graduate & employer satisfaction will be at acceptable levels.	<p>6. Reviewed Annually. Responsibility: Program Director: report to Advisory Committee. tools: graduate and employer surveys minimum 90% of graduates/employers will rate the program overall as good or excellent (Agree or Strongly Agree). 80% or more of graduates and employers will rate every item on the survey as good or excellent. Min. 80% of graduate surveys will indicate that student met their educational goal</p>	<p>6. Advisory Committee approves of generalized results described during meeting. 100% of returned student/employer surveys report program as meeting benchmark. This specific (100%) data not yet reported to Committee, will be reported at next meeting.</p> <p>2004-2008 graduate satisfaction: Overall program good/excellent: 83.3% Met educational goals: 83.3%</p>	6. No action deemed necessary at this time.
7. Retention: The program will demonstrate adequate retention rates with students completing the curriculum in a timely	<p>7. Reviewed Annually.: Responsibility: Program Director, program faculty, report to Advisory Committee. Tools: enrollment/grade forms a. Maintain an average course completion rate of not less than 75% over a 5 year period.</p>	7. a. benchmark met Course completion rate for 2004-2008 >89% (50/56)	7. Program continues to mandate short workshop presented by West Campus Counselor on successful student techniques. Program

manner	<p>b. Maintain a program retention rate of no less than 75% over a 5 year period.</p> <p>c. At least 90% of program graduates earn degree within 3 years time once formally accepted and enrolled in the program. Reasons for not completing the curriculum within 3 years will be documented and brought before the Advisory Committee for discussion.</p>	<p>b. Program retention 2004=10/10, 2005=9/10, 2006=8/10 2007 12/12, 2008: 10/10 Overall = 49/52= 94% retention</p> <p>c. All graduates completed program within 3 year time frame. All but one completed program within a two-year timeframe.</p>	<p>Director incorporates extensive discussion re: study techniques (obtained from graduate education studies). The techniques appear to be helpful.</p>
<p>8. The program will provide an educational environment that promotes (affective) communication skills, critical thinking/problem solving skills and lifelong learning.</p>	<p>8. Reviewed Annually. Responsibility: Program Director, program faculty, report to Advisory Committee tools: enrollment/grade forms The program will utilize class rolls/grade sheets to verify retention data.</p> <p>a. 100% of the graduates will pass exit examination before they will be allowed to graduate.</p> <p>b. 85% will pass the exit exam within the normal parameters of the curriculum time-frame</p> <p>c. 85% of students will complete presentations and research projects with a minimal grade of 80%</p> <p>d. 80% of students will successfully complete, or withdraw passing, each lab course during the curriculum, with attendant "what if" scenarios.</p> <p>e. 80% of students will successfully complete, or withdraw passing, each Practicum course during the curriculum. Practicum course evaluation includes eval. of critical thinking/prob. solving.</p> <p>f. 80% of students in Intro course will successfully complete psychosocial portion of the course.</p> <p>g. 100% of students will successfully complete Interpersonal Communications (or other acceptable speech course) before graduation.</p> <p>h. 80% of employer surveys will rate performance as good or excellent in areas of communication, critical thinking/problem-solving.</p> <p>i. 80% of graduate surveys will rate personal performance as good or excellent in areas of communication, critical thinking/problem-solving.</p> <p>j. 80% of graduates will report participation in professional activities and continuing education via graduate survey, 1 year post-graduation</p> <p>k. 50% of graduates at the time of program completion will report on exit interview/survey a</p>	<p>8.</p> <p>a. benchmark met. RADT 1271 describes that student cannot pass the course, and thus the curriculum, without passing the Exit Exam.</p> <p>b. 2008: 10/10=100% passed within normal time-frame. Benchmark met</p> <p>c. 5 year mark for research project(s): 100% with a minimal grade of 80%, benchmark met.</p> <p>d. benchmark met 100% passed or withdrew passing.</p> <p>e. benchmark met 100% passed or withdrew passing.</p> <p>f. Fall 2008: 100% passed, benchmark met</p> <p>g. Benchmark met. Catalog curriculum describes Interpersonal Communications (or acceptable transfer) as a curriculum requirement for graduation.</p> <p>h. 2008: 100%;</p> <p>i. 2008: 100%; 2007: 100%</p> <p>j. 2008: 83.3%</p> <p>k. 2008:70%</p>	<p>8. Program Director will discuss these new benchmarks and accumulated data at next Advisory Committee meeting.</p>

	<p>personal goal to continue their education after graduation.</p> <p>I. 100% of students will be informed about various professional organizations within the field in their first semester as accepted students in the program</p> <p>M. Students will be made aware of, and granted release time to attend the Fall radiological science workshop each year</p>	<p>I. RADT1291, Ethics & Law in Radiation Therapy, describes this as part of the classroom curriculum. RADT 1401, Intro to Radiation therapy, has long discussed this in the course and has recently added this as a stated part of the course curriculum.</p> <p>Flyers are available for distribution to students each year.</p>	
<p>9. The program will provide a curriculum that promotes cognitive competency with a curriculum that encompasses didactic subject matter required by JRCERT</p>	<p>9. Reviewed Annually. Responsibility: Program Director: report to Advisory Committee. tools: graduate and employer surveys, class records, ARRT results, JRCERT accreditation documentation, SACS accreditation, graduate surveys, employer surveys, degree plan requirements from college catalog.</p> <p>a. Program pass rate of at least 85% over 5 years on A.R.R.T. examination.</p> <p>b. Didactic curriculum will be deemed acceptable by JRCERT.</p> <p>c. Students will receive A.A.S. degree upon graduation. Curriculum to include didactic learning experiences outside of radiation therapy.</p> <p>d. 80% of employer surveys will rate performance as good or excellent in areas of communication, critical thinking/problem-solving.</p> <p>e. 80% of graduate surveys will rate personal performance as good or excellent in areas of communication, critical thinking/problem-solving.</p>	<p>9.</p> <p>a. benchmark met: 2004: 9/ 9 2005: 10/11 2006: 8/8 2007: 10/12 2008: 10/10 TOTAL: 48 /50=96%</p> <p>b. JRCERT feedback has described acceptable didactic curriculum.</p> <p>c. Graduates receive A.A.S., Curriculum includes general ed. and related courses.</p> <p>d. 100% employer satisfaction according to benchmark criteria</p> <p>e. 2008 = 100%</p>	
<p>10. The program will provide a curriculum that promotes psychomotor competence.</p>	<p>10. Reviewed Annually. Responsibility: Program Director: report to Advisory Committee. Tools: laboratory/clinical evaluations/grades, ARRT competency requirements, graduate surveys, employer surveys.</p> <p>a. 90% of student surveys will rate performance as good or excellent in areas of psychomotor skills as a result of their training.</p>	<p>10.</p> <p>a. 2007: 9/10 = 90%%</p>	<p>10. Program Director will discuss these new benchmarks and accumulated data at next Advisory Committee meeting.</p>

	<p>b. 100% of employer surveys will rate personal performance of psychomotor skills as acceptable (above "poor") as a result of their training.</p> <p>c. 100% of students will complete all of ARRT required and additional program required competencies before graduating from program.</p> <p>d. All laboratory /clinical requirements will be met before student can graduate. 100% of students will make "C" or better in all clinical and lab courses.</p>	<p>b. 2007: 100%</p> <p>c. 100% completion of program/ARRT comps is stated as a requirement for graduation in Student Clinical Handbook.</p> <p>d. All Practicum (clinical) courses state grading scale as 'A', 'C' or "F". Practicum grades of "A" or "C" are required in order to successfully complete the curriculum. All laboratory courses (Technical (Procedures labs)state grading scale as 'A', 'B' "C" or "F". Lab grades of "A" or "B" or "C" are required in order to successfully complete the curriculum</p> <p>2008: 100% of students enrolled in practicum or lab courses earned "C" or above</p>	
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