

ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

The Radiation Therapy Associate of Applied Science degree program prepares graduates to work with the radiation oncologist in delivering daily doses of ionizing radiation for cancer treatment. Graduates are eligible to sit for the National exam for the American Registry of Radiologic Technologist Certification in Radiation Therapy.

A limited entry program; students must attend a health programs orientation and meet with the health programs advisor for additional counseling.

**STUDENT LEARNING OUTCOMES - Graduates of this program will have the opportunity to:**

- Demonstrate the ability to pass the ARRT national accreditation examination.
- Demonstrate basic knowledge of what cancer is and how cancer is treated.
- Demonstrate competency in the operation of linear accelerator and performance of emergency procedures.
- Demonstrate the ability to pursue opportunities in management after sufficient clinical experience has been earned.

**GENERAL EDUCATION REQUIREMENTS (27 Credits):**

	CR	SEMESTER
<b>COMMUNICATIONS:</b> BUS 108, COM 101, 102, 215, ENG 100, 101, 102, 107, 113, 114, 205, JOUR 102, THTR 105	3-5	_____
<b>ENGLISH:</b> ENG 100, 101, 107, 113	3-5	_____
<b>HUMAN RELATIONS:</b> ALS 101, ANTH 101, 112, 201, 205, HIST 105, 106, 107, 150, 151, 210, 247, 260, HMS 130, 135B, 265B, MGT 100B, 283, PHIL 135, PSC 201, PSY 101, 102, 207, 208, 261, SOC	3	_____
<b>MATHEMATICS:</b> MATH 111B, 116 or above (except MATH 122, 123)	3	_____
<b>SCIENCE:</b> BIOL 223, 224	8	_____
<b>FINE ARTS/HUMANITIES/ SOCIAL SCIENCES:</b> AM, ANTH, ART, COM, ECON, ENG 223 or above, GEOG 106 or above, HIST, International Languages, Music, PHIL, PSC, PSY, SOC, THTR, WMST 113	3	_____
<b>U.S. AND NEVADA CONSTITUTIONS:</b> PSC 101 or HIST 101 and HIST 102 or HIST 101 and HIST 217	4-6	_____

**SPECIAL PROGRAM REQUIREMENTS (55 Credits):**

	CR	SEMESTER
<b>EGG 131</b> Technical Physics or Physics with a lab	4	_____
<b>RDTP 101B</b> Introduction to Radiation Therapy	2	_____

*Continued in next column.*

This is a limited-entry program. Some of these courses are program prerequisites and **MUST** be completed before a student is considered eligible for entry into the Program. Students **MUST** attend a Health Programs orientation and meet with a Health Programs advisor for additional advisement.

**NOTE:** Courses with a B suffix (example - XYZ 123B) may be non-transferable for a NSHE baccalaureate degree. RADTHR-AAS

*Continued from previous column.*

	CR	SEMESTER
<b>RDTP 102B</b> Methodologies I	2	_____
<b>RDTP 103B</b> Introduction to Oncology	1	_____
<b>RDTP 105B</b> Principles and Practice of Radiation Therapy	2	_____
<b>RDTP 115B</b> Caring for the Patient at the End of Life	1	_____
<b>RDTP 125B</b> Radiographic Process	2	_____
<b>RDTP 150B</b> Introduction to Radiation Physics	2	_____
<b>RDTP 180B</b> Radiobiology	3	_____
<b>RDTP 202B</b> Radiotherapy Physics	3	_____
<b>RDTP 210B</b> Treatment Planning I	3	_____
<b>RDTP 211B</b> Radiographic Analysis	2	_____
<b>RDTP 212B</b> Cross Sectional, Topographic and Radiological Anatomy	2	_____
<b>RDTP 213B</b> Radiation Oncology	3	_____
<b>RDTP 214B</b> Methodologies II	2	_____
<b>RDTP 215B</b> Treatment Planning II	3	_____
<b>RDTP 216B</b> Methodologies III	2	_____
<b>RDTP 219B</b> Advanced Radiation Therapy Techniques	2	_____
<b>RDTP 220B</b> Treatment Planning Lab	1	_____
<b>RDTP 221B</b> Ethics/Law/Professionalism	2	_____
<b>RDTP 229B</b> Radiation Therapy Board Review	1	_____
<b>RDTP 230B</b> Clinical Applications I	1	_____
<b>RDTP 231B</b> Clinical Applications II	1	_____
<b>RDTP 232B</b> Clinical Practicum III	3	_____
<b>RDTP 233B</b> Clinical Practicum IV	1	_____
<b>RDTP 234B</b> Clinical Practicum V	4	_____

**82**  
Total Credits

Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.

**Guided Pathway**  
**Associate of Applied Science (AAS) – Radiation Therapy Technology (RDTP)**  
**Total Credits 82**

<b>First Semester</b>	<b>Requirement</b>	<b>Credit Hours</b>	<b>Term</b>
BIOL 223	Science	4	
EGG 131 or PHYS 110 with lab	Science	4	
Math 116, 120, 124 or higher	Math	3	
ENG 101	English	3	
	<b>TOTAL</b>	<b>14</b>	
<b>Second Semester</b>	<b>Requirement</b>	<b>Credit Hours</b>	<b>Term</b>
RDTP 101	RDTP	2	<b>Fall</b>
RDTP 103	RDTP	1	
RDTP 105	RDTP	2	
RDTP 125	RDTP	2	
RDTP 150	RDTP	2	
RDTP 230	RDTP	1	
COM 101	Communications	3	
Human Relations	Human Relations	3	
	<b>TOTAL</b>	<b>16</b>	
<b>Third Semester</b>	<b>Requirement</b>	<b>Credit Hours</b>	<b>Spring</b>
BIOL 224	Science	4	
RDTP 102	RDTP	2	
RDTP 115	RDTP	1	
RDTP 210	RDTP	3	
RDTP 211	RDTP	2	
RDTP 220	RDTP	1	
RDTP 221	RDTP	2	
RDTP 231	RDTP	1	
	<b>TOTAL</b>	<b>16</b>	
<b>Fourth Semester</b>	<b>Requirement</b>	<b>Credit Hours</b>	<b>Summer</b>
RDTP 232	RDTP	3	
	<b>TOTAL</b>	<b>3</b>	
<b>Fifth Semester</b>	<b>Requirement</b>	<b>Credit Hours</b>	<b>Fall</b>
RDTP 202	RDTP	3	
RDTP 213	RDTP	3	
RDTP 214	RDTP	2	
RDTP 215	RDTP	3	
RDTP 219	RDTP	2	
RDTP 233	RDTP	1	
PHIL 244 or another Humanities course	Social Science	3	
	<b>TOTAL</b>	<b>17</b>	
<b>Sixth Semester</b>	<b>Requirement</b>	<b>Credit Hours</b>	<b>Spring</b>
RDTP 180	RDTP	3	
RDTP 212	RDTP	2	
RDTP 216	RDTP	2	
RDTP 229	RDTP	1	
RDTP 234	RDTP	4	
PSC 101 or HIST 101 & 102 or HIST 101 & 217	U.S. and Nevada Constitution	4-6	
	<b>TOTAL</b>	<b>16-18</b>	
	<b>Degree TOTAL</b>	<b>82</b>	

\*\* Note – Due to the high rigor of the RDTP program, it is highly recommended that students complete all general education requirements before applying to the program.

\*\* Note - All RDTP courses can only be taken once accepted to the RDTP program, and must be taken in the order indicated.

Upon successful completion of the RDTP Program and graduation from CSN, graduates will be able to apply and sit for the A.R.R.T National Licensure Exam. Passing of this exam is required in order for a Radiation Therapist to practice in the United States as well as other countries. Please note, many courses in the technical portion of the RDTP program, with course designation 'RDTP', do transfer to some colleges/universities should the student wish to continue to pursue a B.S. degree in Radiation Therapy or Medical Dosimetry.

Comments \_\_\_\_\_  
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	<b>TOTAL</b>	<b>3</b>	
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