

# **NWF State College, Associate Degree Radiography Program**

## **PROGRAM EFFECTIVENESS DATA**

### **Radiography Program Mission**

The mission of the radiography program is to prepare students to become competent, registry eligible, entry-level radiographers who are able to function efficiently within the healthcare community.

### **Radiography Program Goals and Student Learning Outcomes.**

The Radiography Program has three major program goals and four program outcomes. Each program goal identifies specific student learning outcomes. The goals and the outcomes are:

#### **Goal 1: Students will demonstrate clinical competency.**

Student Learning Outcomes

1. Students will critique images to determine diagnostic quality.
2. Students will utilize radiation protection.

#### **Goal 2: Students will demonstrate communication skills.**

Student Learning Outcomes

3. Students will demonstrate written communication skills.
4. Students will demonstrate oral communication skills.

#### **Goal 3: Students will demonstrate critical thinking skills.**

Student Learning Outcomes

5. Students will adapt standard procedures for non-routine patients.
6. Students will properly sequence non-routine exams.

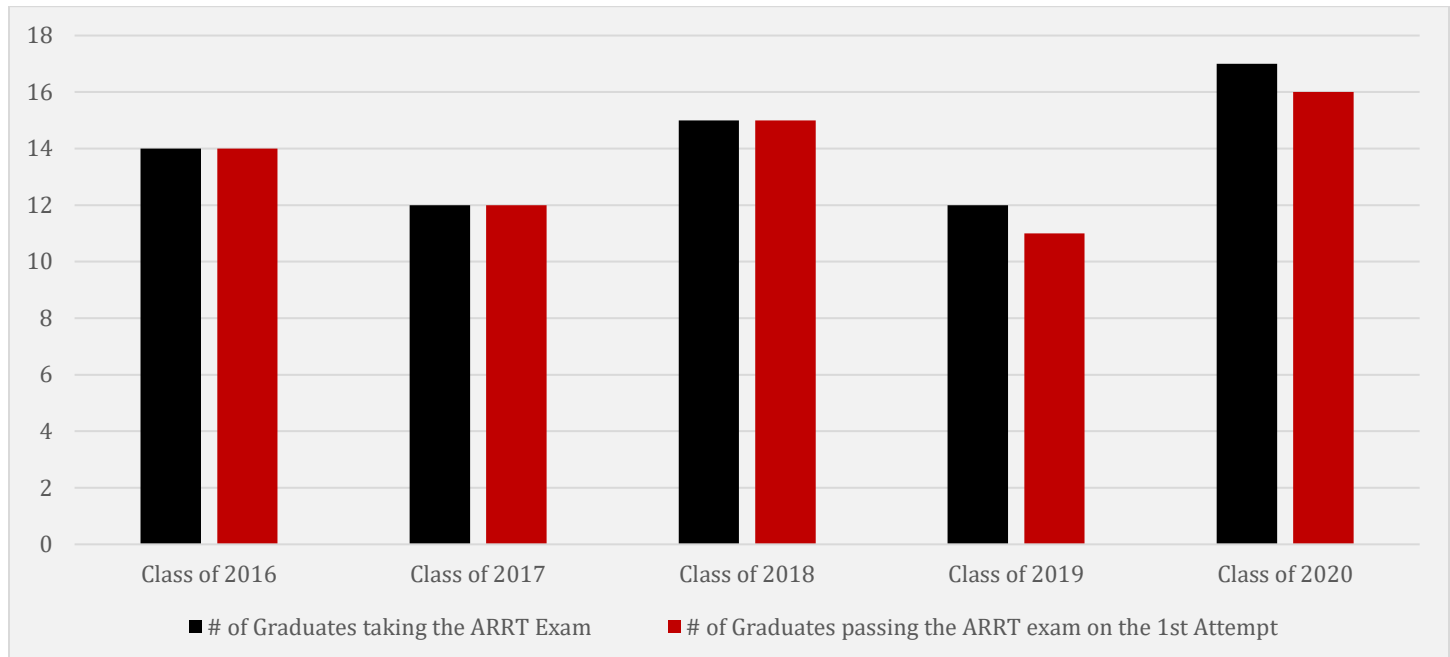
**Radiography Program Outcomes:** The Program will continuously monitor the ARRT exam pass rates, job placement rates, completion rates, and program satisfaction.

*Please see Radiography Student Handbook for additional details.*

# NWF State College, Associate Degree Radiography Program

## PROGRAM EFFECTIVENESS DATA

### CREDENTIALING EXAMINATION PASS RATE:



CLASS	# OF GRADUATES TAKING THE ARRT EXAM	# OF GRADUATES PASSING THE ARRT EXAM ON THE 1ST ATTEMPT	% OF GRADUATES PASSING THE ARRT EXAM ON THE 1ST ATTEMPT
Class of 2016	14	14	100%
Class of 2017	12	12	100%
Class of 2018	15	15	100%
Class of 2019	12	11	92%
Class of 2020	17	16	94%

**5-YEAR AVERAGE 97%**

**The Credentialing Examination Pass Rate** The number of graduates who pass, on first attempt, the American Registry of Radiologic Technologists (ARRT) certification examination, or an unrestricted state licensing examination, compared with the number of graduates who take the examination within six months of graduation.

**DATA ANALYSIS:** The National Comparison Report generated by the ARRT for first attempt registry candidates was 88% nation-wide, while NWFSC reported a 97% pass rate within the 2016-2020 reporting period. **The Programs pass rate was higher than the national average by a substantial margin, in addition to surpassing the Program benchmarks evaluated for annual improvement.**

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### JOB PLACEMENT RATE 12 MONTHS AFTER GRADUATION



CLASS	# OF GRADUATES	# OF GRADUATES FINDING EMPLOYMENT WITHIN 12 MONTHS OF GRADUATION	% JOB PLACEMENT
Class of 2016	14	13	93%
Class of 2017	12	12	100%
Class of 2018	15	15	100%
Class of 2019	12	11	92%
Class of 2020	17	16	94%

**5-YEAR AVERAGE: 96 %**

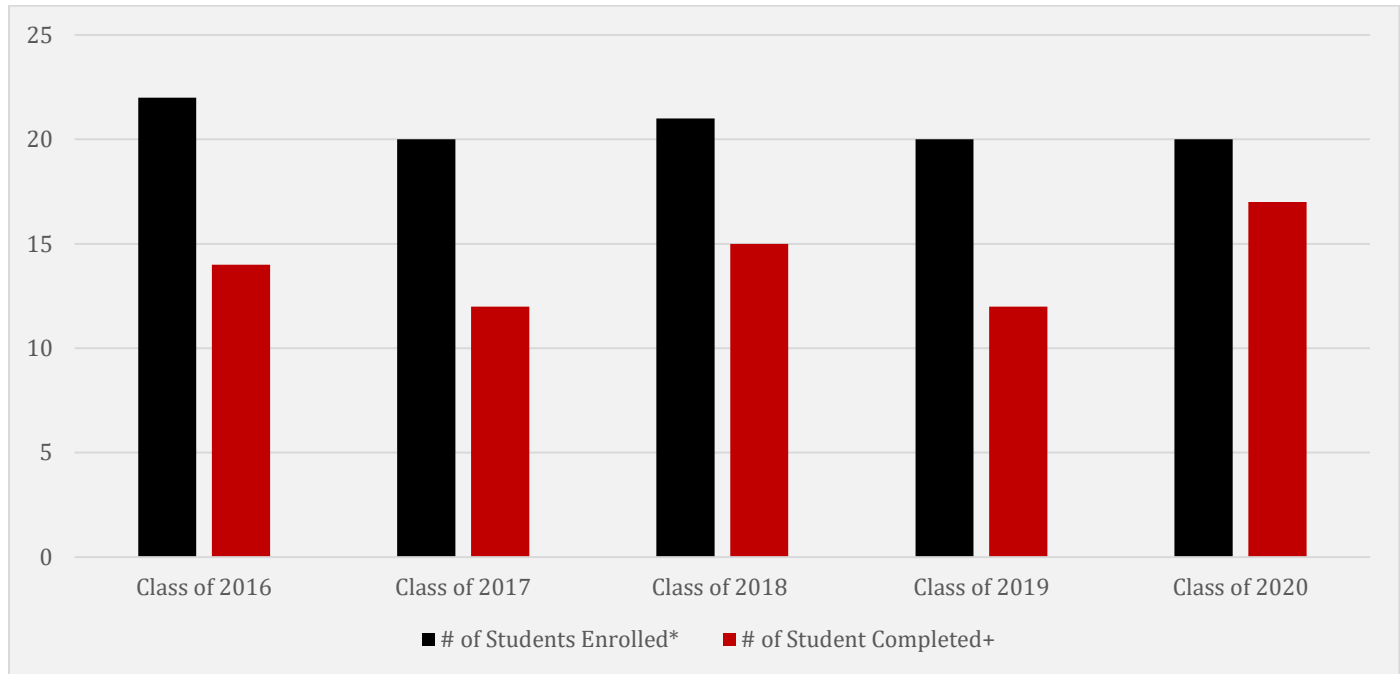
**Job Placement rate** is defined as the number of graduates employed in the radiologic sciences compared to the number of graduates actively seeking employment in the radiologic sciences. The JRCERT has defined not actively seeking employment as: 1) graduate fails to communicate with program officials regarding employment status after multiple attempts, 2) graduate is unwilling to seek employment that requires relocation, 3) graduate is unwilling to accept employment due to salary or hours, 4) graduate is on active duty, and/or 5) graduate is continuing education.

**DATA ANALYSIS:** The Program benchmark for annual improvement for job placement within 1 year is 75%. The Program surpasses this benchmark due to high involvement with our communities of interest, including but not limited to an active Advisory Committee, support from the institution, as well as hiring adjunct faculty who are active members of the career field.

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## PROGRAM EFFECTIVENESS DATA

### ANNUAL COMPLETION RATE



\*Data reflects number of students enrolled at FALL I ADD/DROP DATE.

+Data reflects number of student who completed and graduated the Program.

	# OF STUDENTS ENROLLED AT FALL I ADD/DROP	# OF STUDENTS GRADUATING	<u>% COMPLETION</u>
Class of 2016	22	14	64%
Class of 2017	20	12	60%
Class of 2018	21	15	71%
Class of 2019	20	12	60%
Class of 2020	20	17	85%

**NOTE:** Student may be readmitted into the next cohort as long as the student is in good standing.

**5-YEAR AVERAGE: 68%**

**Program Completion Rate** The number of students who complete the program within the stated program length. The program specifies the entry point (e.g., required orientation date, final drop/add date, final date to drop with 100% tuition refund, official class roster date, etc.) used in calculating the program's completion rate. When

calculating the total number of students enrolled in the program (denominator), programs need not consider students who attrite due to nonacademic reasons such as: 1) financial, medical/mental health, or family reasons, 2) military deployment, 3) a change in major/course of study, and/or 4) other reasons an institution may classify as a nonacademic withdrawal. ***This benchmark is set at 60% for the Radiography Program.***

This data is updated annually and is submitted as part of the Radiography Program's application and then annual report to the Joint Review Committee on Education in Radiologic Technology (JRCERT) 20 N. Wacker Drive, Suite 2850, Chicago Illinois 60606-3182, available at [www.jrcert.org](http://www.jrcert.org), Phone: (312) 704-5300, Fax: (312) 704-5304.

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### **PROGRAM EFFECTIVENESS DATA**

**DATA ANALYSIS:** The Program benchmark for completion rate is 60%. The completion rate average for 2016-2020 is 68%, including a 25 percentage point (41%) increase in retention from 2019 to 2020. Regardless of this gain, program officials actively seek to decrease attrition rates. There are many reasons for attrition including:

1. **ACADEMIC:** Student received a failing grade in coursework which lead to dismissal from the program.
2. **MILITARY:** Student or student family received military orders to relocate while in the program and lead to voluntary student-driven withdrawal from the program.
3. **PERSONAL:** Student elected to withdraw from program due to personal reasons, including other academic and employment opportunities, a lack of interest in the Radiography field, or other family requirements.
4. **OTHER:** Student was dismissed from program due to Code of Conduct Violations, behavioral issues and/or in the event of excessive critical incidents.

**Decreasing the ATTRITION RATE:** ***In order to mitigate the negative impact to the student, college and communities of interest, Radiography Program introduced the following:***

1. **Free Radiographic Tutors (2014-Present):** Tutors are primarily 2<sup>nd</sup> year or graduate students who assist all radiography students with their didactic studies and are available typically 10 hours a week.
2. **Six (6) semester Program: (2016 – present):** The Program reformatted the curriculum in order to allow students to apply and complete all coursework associated with gaining an associate of science in radiography, including all general education requirements. In addition, students may qualify for financial aid due to the full-time curriculum now established with general education requirements built directly alongside the program of study.
3. **Added several new adjunct faculty members (2016-present):** The Program added two additional adjunct faculty members (clinical instructors) who oversee day to day student clinical skills and assessments, in addition to assisting in the lab demonstrations and other programmatic goals. All Program adjunct faculty members are employees at the main facility at which they are assigned in order to uphold the educational goals of the students and program.
4. **Adjusted teaching styles: (2019-present):** The students in the Radiography Program regularly have teach-back sessions assigned to them as a way to strengthen difficult concepts. The program also introduced more “games” such as those included in specific software, kahoot, and quiz-bowls.

**Institution Name:**

**Program Type:**

**Degree Type:**

### Program Effectiveness Data

The following is the most current program effectiveness data. Our programmatic accreditation agency, the Joint Review Committee on Education in Radiologic Technology (JRCERT), defines and publishes this information. [Click here](#) to go directly to the JRCERT webpage.

**Credentialing Examination:** The number of students who pass, on the first attempt, the American Registry of Radiologic Technologists (ARRT) certification examination, or an unrestricted state licensing examination, compared with the number of graduates who take the examination within six months of graduation. The five-year average benchmark established by the JRCERT is 75%.

Credentialing Examination Rate	number passed on 1 <sup>st</sup> attempt divided by number attempted within 6 months of graduation
Year	Results
Year 1 -	of - %
Year 2 -	of - %
Year 3 -	of - %
Year 4 -	of - %
Year 5 -	of - %
Program 5-Year Average	of - %

**Job Placement:** The number of graduates employed in the radiologic sciences compared to the number of graduates actively seeking employment in the radiologic sciences within twelve months of graduating. The five-year average benchmark established by the JRCERT is 75%.

Job Placement Rate	number employed divided by number actively seeking employment within 12 months of graduation
Year	Results
Year 1 -	of - %
Year 2 -	of - %
Year 3 -	of - %
Year 4 -	of - %
Year 5 -	of - %
Program 5-Year Average	of - %

**Program Completion:** The number of students who complete the program within the stated program length. The annual benchmark established by the program is .

Program Completion Rate	number graduated divided by number started the program
Year	Results
Year 1 -	of
Annual Completion Rate	%