# [Plans for Radiologic Technology](#) >> 2017 - 2018 Radiologic Technology CHC Instructional Program Review 2017-2018

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Name :
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# Instructions

Please respond to the following questions. Please consult the [Integrated Planning and Program Review Handbook](#) for detailed instructions, the [timeline](#) for due dates, and the [schedule](#) for the four-year plan schedule.

# 1. Mission

a. Tell us your unit's mission: Provide a mission statement for your unit that clearly and succinctly describes your unit's purpose, idealistic motivations, and change it hopes to inspire.
b. Alignment with the college Mission: **Rubric Item** ([Mission Alignment](#)): The Mission of Crafton Hills College is to advance the educational, career, and personal success of our diverse campus community through engagement and learning. **In what ways does your program advance the mission of the college?**

a. Our Mission and primary purpose
 Our mission of Arrowhead Regional Medical Center School of Radiologic Technology is to provide the educational environment necessary to prepare graduates who are competent in diagnostic radiography and possess the professional ethics and practices associated with quality care. Our primary purpose is to provide the students with all the didatic and clinical training in different scenarios to prepare them to work in different facility once they graduate.

b.The Radiologic Technology program is located off campus at Arrowhead Regional Medical Center, which provides an ideal environment for advance education and student success in becoming Radiologic Technologists. Arrowhead Regional Medical Center provides the highest quality of care to the diverse community of all ages, cultural backgrounds, and socio-economic backgrounds. ARMC is a level II trauma center and is the only burn unit in the Inland

Empire. The Radiologic Technology program supports the Crafton Hills College Mission statement of advancing the education and provide personal success in a diverse community through engagement and learning because it provides students the opportunity to engage in hands on learning. As an example students in the Radiologic Technology program have the opportunity to care for patients who are severly injured and/or patients who got burned.

# 2. Description of Program

a. Organizational Structure and Staffing

b. Describe any activities in addition to instruction that you provide.

c. Describe any alternative modes of instruction and schedules of delivery: e.g.: online, hybrid, early morning, evening services.

d. **Rubric Item**: Describe how your curriculum is up-to-date and Needs-Based. Base the description on surveys, labor market data, transfer patterns such as GE, IGETC, CSU, AA-T, or AS-T, accreditation standards, and/or articulation agreements. Consider the results of your most recent curriculum reviews in this section.

e. **Rubric Item**: Attach your scheduling matrix to show when courses in your area are offered. Click here for sample!

a. Organization (including staffing and structure)

HA M. LE,M.D. , Medical Director (2011), Melisa Huynh, M.S.R.S, RT(R),CRT, Program Director (July 2017); Debra Anderson, BS., RT(R), CRT, Clinical Coordinator (2012).

b. The additional activities to instruction that ARMC School of Radiologic Technology provide to the students is the opportunity to observe in different modalities. The different modalites includes CT, MRI, Nuclear Medicine, Ultrasound, Radiation Theraphy, Interventional and Cardiac Radiography. The students also have the opportunity to participate in the ACERT (Association of Collegiate Educators in Radiologic Technology) Conference in Las Vegas. At the ACERT conference, students participate in the student challege bowl. The student challenge bowl consists of mock review board questions. This competition is challenged amongst other programs which consisted of about 500 to 600 students.

c. The other mode of instruction that ARMC School of Radiologic Technology provide are the online portion, which comes along with the RADIOL 208 and RADIOL 215 book. The book provide a code where the student can log into an account and access a list of mock review board questions. These mock review board questions gives the students an insight of what might be on the national board exam. Other than the online portion from the book, our program from time to time, use Kahoots during class time. Kahoots is an online learning game, where instructors are able to create their own questions to challege the students. This game is very engaging for the students to learn the material.

d. Rubric Item:

Currently the curriculum is not up-to-date and there is no evidence showing the needs-based due to a change of faculty member whom started in July of 2017, however, we are in the process of updating the curriculum, which is updated annually. The curriculum should be updated and approved by Fall 2018. ARMC School of Radiologic Technology uses student surveys and evaluations every semester, as well as faculty surveys to evaluate for necessary changes. We also collect post-graduate surveys and employers surveys to stay current in order to provide the needs of the community.The datas are then reported to The Joint Review Committee on Education in Radiologic Technology (JRCERT). We also use the reports generated from The American

Registry of Radiologic Technologists (ARRT) on graduates performance on the national board examination. We utilized those data to make curriculum changes.

e.  Rubric Item:
ARMC School of Radiologic Technology is a 23 month program. Our students start the program in August and graduate in June. (Please see Scheduling Matrix)

# 3. External Factors with Significant Impact

What external factors have a significant impact on your program? Please include the following as appropriate:
a. Budgetary constraints or opportunities
b. Competition from other institutions
c. Requirements of four-year institutions
d. Requirements imposed by regulations, policies, standards, and other mandates
e. Job market
   i) Requirements of prospective employers
   ii) Developments in the field (both current and future)

a.   Budgetary constraints or opportunities
The County of San Bernardino sponsors and financially supports the program at Arrowhead Regional Medical Center (ARMC). The budget is adequate to cover the expense of operating the program. The program also receives financial support from Crafton Hills College for special purchases. The program director would state the need for the program at the time the department budget is being formulated. As other needs are encountered during the fiscal year, they are presented to the department manager. Funding is provided within the limitations of the Medical Imaging and Hospital budgets. Perkins funds are available for only limited specified support in the program.

b. Competition from other institutions
Within sixty miles from ARMC School of Radiologic Technology, there are eleven Radiologic Technology program. The other programs are from California Baptist University, Loma Linda University, Chaffey Community College, Charles R. Drew University of Medicine and Science, Cypress College, East Los Angeles Occupational Center, Long Beach City College, Los Angeles City College, Mt. San Antonio College, Orange Coast College, and Pasadena City College. Amongst other  institutions offering Radiologic Technology programs, ARMC School of Radiologic Technology is the only Hospital Based program.

c. Requirements of four-year institutions
Our program and students articulate well with Loma Linda University, Cal State Northridge,and other Universities offering BS degrees in Medical Imaging, Radiologist Assistant and Health Care Administration.

d. Requirements imposed by regulations, policies, standards, and other mandates
The Joint Review Committee on Education in Radiologic Technology (JRCERT) requires the program to be in compliance with "Standards for Accredited Educational Program in Radiography".  "The Joint Review Committee on Education in Radiologic Technology is dedicated to excellence in education and to the quality and safety of patient care through the

accreditation of educational programs in the radiologic sciences".  The JRCERT is the only agency recognized by the United States Department of Education and the Council on Higher Education Accreditration for the accreditation of traditional and distance delivery educational programs in radiography, radiation, therapy, magnetic resonance, and medical dosimetry.  The JRCERT awards accreditation to programs demonstration substantial compliance with these STANDARDS: Integrity, Resources,Curriculum and Academic Practices, Health and Safety, Assessment, and Institutional/ Programmatic Data.

e. Job market

i) Requirements of prospective employers

The Joint Review Committee on Education in Radiologic Technology (JRCERT) requires the program to report results of employer satisfaction surveys.

ii) Developments in the field (both current and future)

The employment growth of Radiologic Technologists will occur because of a growing and aging population and the increased demand for diagnostic imaging.  Healthcare providers are enthusiastic about the clinical benefits of new and improved technologies such as digital imaging, computerized Axial Tomography(CT), Magnetic Resonance Imaging (MRI) etc. In California, the number of Radiologic Technologists is expected to grow faster than the average growth rate for all occupations.  Jobs for Radiologic Technologists are expected to increase 9 percent from 2014 to 2024, faster than the average for all occupations. In 2014 there are 197,000 radiologic technologists jobs which is expected to increase to 214,200 jobs in 2024. The median annual wage for radiologic technologists was $57,450 in May 2016. This information is from the U.S. Bureau of Labor Statistics. Since Medical Imaging is constantly changing due to technology. Our program must prepare our students for current and future advancements in Medical
Imaging.

# 4. Progress on Outcomes Assessment (Four-Year Question)

Refer to the SLO Cloud to evaluate the results from your program level outcomes and to develop actions reflected in your program review action plan (i.e. Question 10). **Rubric Item**: Program Learning Outcomes

a. Please summarize *Program Level Outcomes (PLO) assessment results*. Include a discussion of whether or not the program met its target for each PLO.

b. Please describe any program/course and/or instructional improvements you plan to make as a result of the PLO assessment(s).

c. What objective(s) or action step(s) will you add to Question 10 as a result of the PLO assessment(s)? If none, please explain.

Our SLOs have been defined, assessed, evaluated, and have consistently been used to inform instruction.

a. Please summarize **Program Level Outcomes (PLO) assessment results.** Include a discussion of whether or not the program met its target for each PLO.

Our SLOs are reported on SLO Cloud, which are defined by the Joint Review Committee on Education in Radiologic Technology (JRCERT). Our SLOs are determined by the profession's clinical guidelines and standards. We addressed the SLOs in our faculty and advisory meetings on a regular basis. We also review the National test scores provided by the American Registry of Radiologic Technologists (ARRT) according to the exam matrix. Our program overall, has met

the target except for two PLOs. These two Outcomes were based on Employer's survey of our recent graduates. Utilizing this data and based on our observations and interpretations, we came up with an idea of increasing the mandatory competency sign off list.
b. Please describe any program/course and/or instructional improvements you plan to make as a result of the PLO assessment(s).
Based up the PLO assessments, the program has decided to add two more mandatory procedures to the competency list, which are given by the American Registry of Radiologic Technologists (ARRT). The competency list was updated by the ARRT in 2017 which required 10 mandatory general patient care activities, thirty-seven mandatory imaging procedures, fifteen elective imaging procedures, one of the fifteen head work, and two of the fifteeen of the fluoroscopy exam. The two added mandatory procedures are from the head work section. This decision will help increase future employer's satisfaction.
c. The objective(s) or action step(s) that are added to Question 10 as a result of a the PLO assessment(s) were:
1. adding additional mandatory procedures
2. add a clinical site
3. written test to increase student completion and success rate
4. add 24 observation hours to the selection process
5. may change prerequisite course to ANAT 150 instead of ANAT 101 to increase success rate

# 5. Unit's Performance on Institutional Quantitative Effectiveness Indicators

Please discuss your program's performance on each data item below.
a. Instructional Program Health Evaluation Rubric
   i) **Rubric Item**: Use Office of Institutional Effectiveness, Research, and Planning (OIERP) data to set a Course Completion Rate target and provide an explanation for the target that has been set. Click HERE to access your program specific data.
   ii) **Rubric Item**: Use OIERP data to set a Course Success Rate target and provide an explanation for the target that has been set. Click HERE to access your program specific data.
   iii) **Rubric Item**: What is your FT/PT Faculty Ratio, how is it impacting your program, and student success? Click HERE to access your program specific data.
   iv) **Rubric Item**: Use OIERP data to set a WSCH/FTEF Ratio target and provide an explanation for the target that has been set. Based on Faculty dialogue what is a feasible WSCH/FTEF (productivity) target for your area? (Note: 525 may not be a realistic target for your area.) Click HERE to access your program specific data.
   v) **Rubric Item**: The Fill rate target is 80% or higher. Use the data provided by the OIERP and please provide a reason for any deviation from the target. This may involve a discussion around the appropriateness of the cap and how it was set. Click HERE to access your program specific data.


i) Rubric Item: Use Office of Institutional Effectiveness, Research, and Planning (OIERP) data to set a Course Completion Rate target and provide an explanation for the target that has been set.

Course completion rate target is set at 85% because our program have a small cohort. If one student withdraws from the program for any reason, we will still meet the target rate. The average five year (2012- 2016) completion rate is 98%.

ii) Rubric Item: Use OIERP data to set a Course Success Rate target and provide an explanation for the target that has been set.
Course success rate target is set at 85%  because our program have a small cohort. If one student does not succeed from the program for any reason, we will still meet the target rate.  The average five year (2012 - 2016) success rate is at least 98%.

iii) Rubric Item: What is your FT/PT Faculty Ratio, how is it impacting your program, and student success?
The FT/PT faculty ratio is 0%. Having only part-time faculty who are actually working in the field provides expertise that's beneficial for student's in the clinical setting.

iv) Rubric Item: Use OIERP data to set a WSCH/FTEF Ratio target and provide an explanation for the target that has been set. Based on Faculty dialogue what is a feasible WSCH/FTEF (productivity) target for your area? (Note: 525 may not be a realistic target for your area.)
The WSCH/FTEF ratio target will hold steady at 265 because our program have a small cohort.

v) Rubric Item: The Fill rate target is 80% or higher. Use the data provided by the OIERP and please provide a reason for any deviation from the target. This may involve a discussion around the appropriateness of the cap and how it was set.

In 2016-2017, the fill rate was 100% due to adjusting the cap with reduced student enrollments. The program has no issues meeting the 80% target each year.

# 6. Other Unit-Specific Quantitative and Qualitative Results

a. **Rubric Item**: How do your program student demographics relate to the college demographics? What are the discrepancies? – **Click HERE to view program and college demographics by year**.
b. Summarize the results of any quantitative or qualitative measures not provided in the previous question that you have chosen to gauge your program's effectiveness (e.g.: transfers, degrees, certificates, satisfaction, enrollments, Perkin's data, equity data, student research experience, student clubs, etc.) **Click HERE to access your program specific data on degrees and certificates**.
c. What improvements/changes have you implemented or do you plan to implement as a result of your analysis of the measures illustrated in 6a and 6b?
a. Rubric Item: How do your program student demographics relate to the college demographics? What are the discrepancies?
The program student demographics is similar to the college demographrics. We have a good ratio of race and ethnicity compared to the college's ratio. The program's students ages range from 20 to 49 compared to the college's students ranging from under 20 to over 50. For the program's gender, we have a good blance of male and female compared to the college's gender ratio.
b. Summarize the results of any quantitative or qualitative measures not provided in the previous question that you have chosen to gauge your program's effectiveness (e.g.: transfers, degrees,

certificates, satisfaction, enrollments, Perkin's data, equity data, student research experience, student clubs, etc.)

We have seen a steady increase of students earning the AS degrees along with the certificates. In 2013 there were 3 students earning the AS degree and in 2017 there were 8 students earning the AS degree. This increase has changed due to the requirement set by the American Registry of Radiologic Technologists (ARRT).

c. What improvements/changes have you implemented or do you plan to implement as a result of your analysis of the measures illustrated in 6a and 6b?

As of right now there is no plan for implementation, however, it depends if we are able to establish another clinical site in the future. Based on The Joint Review Committee on Education in Radiologic Technology (JRCERT) the accreditation body, we are allowed to have a 1:1 technologists to student ratio.

# 7. Evaluation

**Evaluation**: You have already provided a description and analysis of the program in questions 1-6, please provide an analysis of what is going well/not well and why, in the following areas:

- Alternative modes and schedules of delivery (e.g.: online, hybrid, early morning, evening services, etc.)
- Partnerships (internal and external)
- Innovation and Implementation of best practices
- Efficiency in resource use
- Staffing
- Participation in shared governance (e.g., do unit members feel they participate effectively in planning and decision-making?)
- Professional development and training
- Compliance with applicable mandates

What is going well:

 • The curriculum structure is going well. The didactic and clinical components are parallel. Students learn principles and concepts in the classroom and apply them immediately in the clinical setting. Students in other programs do not enter into the clinical setting until the second semester.

 • The technologists who train the students are graduates of the program and can directly relate to the students and become mentors.

 • The program has sufficient resources to support the quality and effectiveness of the educational process.

 • The program has an adequate number of faculty to meet educational and accreditation requirements.

 • The faculty participates in professional development and training annually. This include annual conferences sponsored by the California Society of Radiologic Technologists and the Association of Collegiate Educators in Radiologic Technology (ACERT).

- **Each February Radiologic Technology students attend the ACERT conference in Las Vegas and participate in the National Student Academic Challenge competition. This year (2017) the total student registration fee of $2400 was paid with Perkins funds. I appreciate and request continual funding to support this activity.**
- The program is in compliance with state and national mandates.

- The Crafton Hills College counselors checking the transcripts of prospective students to make sure they have completed all the general requirements for an AS degree before applying for the program.

What is not going well:

• The program does not have a designated secretary. The clerical duties are assumed by the Program Director and Clinical Coordinator.

• The salary of the Program Director and Clinical Coordinator is below standard compared to the surrounding Radiologic Technology program.

# 8. Vision

a. Tell us your unit's vision: Where would you like your program to be four years from now? Dream big while considering any upcoming changes (e.g.: new buildings, labs, growth, changes in the discipline etc.).

b. Alignment with the college Vision: **Rubric Item** (Vision Alignment): The Vision of Crafton Hills College is to be the college of choice for students who seek deep learning, personal growth, a supportive community, and a beautiful collegiate setting. In what ways does your program advance and align with the vision of the college?


a.Within the next four years I expect the program to:
- change the admission process to increase the completion and success rate
- Add additional clinical sites, which could be the McKee clinic. McKee clinic is expected to be done in March 2018 with brand new equipment. We are hoping to have the 2nd year students rotate through there and experience the new technology before they graduate in June of 2018.

b. Alignment with the college Vision: The Vision of Crafton Hills College is to be the college of choice for students who seek deep learning, personal growth, a supportive community, and a beautiful collegiate setting. In what ways does your program advance and align with the vision of the college?

Our program just developed a Vision Statement and it was approved by our committee.  Our Vision is to be Southern California's leading educational program for those who are seeking a career in Radiologic Technology.  This Vision statement supports Crafton Hills College vision by providing public safety,health care delivery,  and education to the supportive community. Our program is located off campus at Arrowhead Regional Medical Center (ARMC). The Medical Imaging Department at ARMC provides an ideal environment for advance education and student success in becoming Radiologic Technologists. In the near future we are looking at direct capture portable machines and upgrades in our equipments. So far ARMC bought 3 brand new C-arm machines in 2014 to be utilized in surgery. Surgery is one of the rotation where students rotate to get their fluoroscopy experience in order to take their fluoscopy exam. California is the only state that requires the fluoroscopy exam.

# 9. Progress on Prior Goals

Briefly summarize the progress your unit has made in meeting the goals and objectives identified in your last Four-Year Action Plan.
- **1 - Goal - The program will graduate students who are clinically competent.**
  Priority Rank:

**Objectives:**

- **1.1 - Objective - Effectively teach students entry level radiological technology skills.**
  Priority Rank:
  1
  Original Start Date:
  09/25/2013
  Original End Date:
  05/26/2017
  Revised Start Date:
  09/25/2013
  Revised End Date:
  05/26/2017
  Responsible Person:
  Morris Hunter
  Strategic Direction:
  1. Promote Student Success
  Impact Type:
  Department
  Institutional Learning Outcome:
  -- Pick One --
  **Resource Requests:**
  - **1.1.r1 - Contract Agreement with ARMC**
    **Description**
    Continue hospital based program at ARMC.
    **Rationale**
    Continue hospital based program at ARMC for student success and to meet accreditation standards.

    Resource Type:
    Ongoing
    Expenditure Category:
    Contract Classroom Inst. (1100)
    Funded:
    No
    Funding Source:
    First Year Cost/Savings:
    $46,000.00/$0.00
    Second Year Cost/Savings:
    $46,000.00/$0.00
    Third Year Cost/Savings:
    $46,000.00/$0.00
  - **1.1.r2 - Software**
    **Description**

ARRT board exam review software. The software provide students an opportunity to practice sample board exam questions.
Mammography Modules.  This software will be used to enhance student learning.

**Rationale**
This software will enhance student learning and comprehenson.
Resource Type:
One-time
Expenditure Category:
Software (4430)
Funded:
No
Funding Source:
First Year Cost/Savings:
$3,000.00/$0.00

- **1.1.r3 - MRI Torso**
  **Description**
  The MRI Torso is a crosssectional human anatomy phantom.
  **Rationale**
  This phantom will be used to teach sectional anatomy as it pertains to medical imaging.
  Resource Type:
  One-time
  Expenditure Category:
  Instructional Supplies (4300)
  Funded:
  No
  Funding Source:
  First Year Cost/Savings:
  $5,572.00/$0.00

**Actions/Activities:**
- **1.1.a1 - Teach students proper positioning techniques**
  Status Code:
  Work is Completed
  **Progress Description:**
  Not a goal but an SLO statement
  **Measurements/Documentation of Progress:**
  Not a goal but an SLO statment
- **1.1.a2 - Teach students radiation safety**
  Status Code:
  Work is Completed
  **Progress Description:**
  Not a goal, but an SLO statement
  **Measurements/Documentation of Progress:**

This is not a goal but an SLO statement.

- ▪ **1.1.a3 - Teach students how to set proper techniques**
  Status Code:
  Work is Completed
  **Progress Description:**
  Not a goal but an SLO statement
  **Measurements/Documentation of Progress:**
  Not a goal but an SLO statement

- **2 - Goal - Graduate students with problem solving and critical thinking skills**
  The program will graduate students with entry level skills.
  Priority Rank:
  1
  **Objectives:**
  - o **2.1 - Objective - Employers**
    Employers will rate the graduate's overall clinical performance as adequate or higher as measured by the Employer Survey (Question 1a).
    Priority Rank:
    18
    Original Start Date:
    08/01/2011
    Original End Date:
    05/31/2012
    Revised Start Date:
    08/01/2011
    Revised End Date:
    05/31/2012
    Responsible Person:
    Morris Hunter
    Strategic Direction:
    1. Promote Student Success
    Impact Type:
    Division
    Institutional Learning Outcome:
    -- Pick One --
    **Actions/Activities:**
    - ▪ **2.1.a1 - Teach students problem solving,critical thinking and communication skills**
      Status Code:
      Work is Completed
      **Progress Description:**
      Not a goal but an SLO statement
      **Measurements/Documentation of Progress:**
      This is not a goal but and SLO statement
    - ▪ **2.1.a2 - Students will present an oral report of their research project**
      Status Code:
      Work is Completed

> > **Progress Description:**
> > Not a goal but and SLO statment
> > **Measurements/Documentation of Progress:**
> > Not a goal

- **3 - Goal - Graduate students who demonstrate effective communication skills**
  Graduate students with problem solving, critical thinking and communication skills.
  Priority Rank:
  2
  **Objectives:**
  - **3.1 - Objective - Routine Imaging**
    Students will modify routine imaging parameters based on patient's condition as measured by the Clinical Evaluation Report (Categories B,F,I,K,N,O) and the Competency Evaluation Form (categories 1-15).

    Priority Rank:
    3
    Original Start Date:
    08/01/2011
    Original End Date:
    05/31/2012
    Revised Start Date:
    08/01/2011
    Revised End Date:
    05/31/2012
    Responsible Person:
    Morris Hunter
    Strategic Direction:
    1. Promote Student Success
    Impact Type:
    Department
    Institutional Learning Outcome:
    -- Pick One --
    Status Code:
    Objective was Removed
    **Progress Description:**
    not a goal
  - **3.2 - Objective - Oral Report**
    Students will present an oral report of their research project as measured bythe Oral report score sheets.
    Priority Rank:
    8
    Original Start Date:
    08/01/2011
    Original End Date:
    05/31/2012
    Revised Start Date:

08/01/2011
Revised End Date:
05/31/2012
Responsible Person:
Morris Hunter
Strategic Direction:
1. Promote Student Success
Impact Type:
Department
Institutional Learning Outcome:
-- Pick One --
Status Code:
Work is Completed
**Progress Description:**
This is not a goal, but an SLO statement

- **3.3 - Objective - Image Critique**
Students will pass the Film Critique course as measured by the Film Critique Exams.
Priority Rank:
11
Original Start Date:
08/01/2011
Original End Date:
05/31/2012
Revised Start Date:
08/01/2011
Revised End Date:
05/31/2012
Responsible Person:
Morris Hunter
Strategic Direction:
1. Promote Student Success
Impact Type:
Department
Institutional Learning Outcome:
-- Pick One --
Status Code:
Objective was Removed
**Progress Description:**
not a goal

- **3.4 - Objective - Skills and Place of Employment**
Graduates will apply problem solving, critical thinking and communication skills in their place of employment as measured by the Employer Survey.
Priority Rank:
15
Original Start Date:

08/01/2011
Original End Date:
05/31/2012
Revised Start Date:
08/01/2011
Revised End Date:
05/31/2012
Responsible Person:
Morris Hunter
Strategic Direction:
1. Promote Student Success
Impact Type:
Department
Institutional Learning Outcome:
-- Pick One --
Status Code:
Objective was Removed
**Progress Description:**
not a goal

- **4 - Goal - Graduate students who display professional values and good ethical behavior and strive for continued personal and professional growth**
  Provide the educational environment and necessary resources to allow students to complete the program requirements necessary for certification and employment.
  Priority Rank:
  3
  **Objectives:**
  - o **4.1 - Objective - Hiring**
    Graduates seeking employment will be hired within six months of graduation as measured by the Post Graduate Survey.
    Priority Rank:
    5
    Original Start Date:
    08/01/2011
    Original End Date:
    05/31/2012
    Revised Start Date:
    08/01/2011
    Revised End Date:
    05/31/2012
    Responsible Person:
    Morris Hunter
    Strategic Direction:
    1. Promote Student Success
    Impact Type:
    Department
    Institutional Learning Outcome:

-- Pick One --
Status Code:
Objective was Removed
**Progress Description:**
not a goal

- o **4.2 - Objective - Exam Preparation**
  Graduates will rate preparation for credentialing exams as satisfied as measured by the Post Graduate Survey.
  Priority Rank:
  9
  Original Start Date:
  08/01/2011
  Original End Date:
  05/31/2012
  Revised Start Date:
  08/01/2011
  Revised End Date:
  05/31/2012
  Responsible Person:
  Morris Hunter
  Strategic Direction:
  1. Promote Student Success
  Impact Type:
  Department
  Institutional Learning Outcome:
  -- Pick One --
  Status Code:
  Objective was Removed
  **Progress Description:**
  not a goal

- o **4.3 - Objective - Passing Credentialing Exams**
  Graduates will pass the credentialing examinations of the first attempt as measured by the ARRT & California Fluoroscopy Exam results and the Post Graduate Survey (Q#3).
  Priority Rank:
  13
  Original Start Date:
  08/01/2011
  Original End Date:
  05/31/2012
  Revised Start Date:
  08/01/2011
  Revised End Date:
  05/31/2012
  Responsible Person:
  Morris Hunter

Strategic Direction:
1. Promote Student Success
Impact Type:
Department
Institutional Learning Outcome:
-- Pick One --
Status Code:
Objective was Removed
**Progress Description:**
not a goal

- o **4.4 - Objective - Successfully Complete Program**
Students will successfully complete the Program as measured by Program
completion data.
Priority Rank:
16
Original Start Date:
08/01/2011
Original End Date:
05/31/2012
Revised Start Date:
08/01/2011
Revised End Date:
05/31/2012
Responsible Person:
Morris Hunter
Strategic Direction:
1. Promote Student Success
Impact Type:
Department
Institutional Learning Outcome:
-- Pick One --
Status Code:
Work is Completed
**Progress Description:**
not a goal

- **5 - Goal - Ethics**
Graduate students who display professional values and good ethical behavior and strive
for continued personal and professional growth.
Priority Rank:
4
**Objectives:**
  - o **5.1 - Objective - Professional Behavior**
Students will display professional behavior in the clinical setting as measured by
the Clinical Evaluation Report (Categories A-I and K).
Priority Rank:
6

Original Start Date:
08/01/2011
Original End Date:
05/31/2012
Revised Start Date:
08/01/2011
Revised End Date:
05/31/2012
Responsible Person:
Morris Hunter
Strategic Direction:
1. Promote Student Success
Impact Type:
Department
Institutional Learning Outcome:
-- Pick One --
Status Code:
Objective was Removed
**Progress Description:**
not a goal

- o **5.2 - Objective - ACERT Conference**
  Students will attend the ACERT conference each year and compete in the Student
  Academic Challenge as measured by the Post Conference Survey.
  Priority Rank:
  10
  Original Start Date:
  08/01/2011
  Original End Date:
  05/31/2012
  Revised Start Date:
  08/01/2011
  Revised End Date:
  05/31/2012
  Responsible Person:
  Morris Hunter
  Strategic Direction:
  1. Promote Student Success
  Impact Type:
  Department
  Institutional Learning Outcome:
  -- Pick One --
  Status Code:
  Objective was Removed
  **Progress Description:**
  not a goal
  **Resource Requests:**

- **5.2.r1 - Conference Registration Description**

  College will pay ACERT registration fee for Radiologic Technology students.
  **Rationale**
  na
  Resource Type:
  Ongoing
  Expenditure Category:
  Conference and Travel (5200)
  Funded:
  No
  Funding Source:
  First Year Cost/Savings:
  $2,400.00/$0.00
  Second Year Cost/Savings:
  $2,400.00/$0.00
  Third Year Cost/Savings:
  $2,400.00/$0.00
- **5.3 - Objective - Modalities**
  Senior students will choose to observe other modalities on their elective rotations as measured by the Summary of Elective Rotation.
  Priority Rank:
  4
  Original Start Date:
  08/01/2011
  Original End Date:
  05/31/2012
  Revised Start Date:
  08/01/2011
  Revised End Date:
  05/31/2012
  Responsible Person:
  Morris Hunter
  Strategic Direction:
  3. Develop Teaching and Learning Practices
  Impact Type:
  Department
  Institutional Learning Outcome:
  -- Pick One --
  Status Code:
  Objective was Removed
  **Progress Description:**
  not a goal
- **5.4 - Objective - Further Education**

Graduates will indicate they are currently or plan to pursue further education or cross-training as measured by the Post-Graduate Survey.
Priority Rank:
17
Original Start Date:
08/01/2011
Original End Date:
05/31/2012
Revised Start Date:
08/01/2011
Revised End Date:
05/31/2012
Responsible Person:
Morris Hunter
Strategic Direction:
1. Promote Student Success
Impact Type:
Department
Institutional Learning Outcome:
-- Pick One --
Status Code:
Objective was Removed
**Progress Description:**
Not a goal

# 10. Four-Year Action Plan (Goals, Objectives, Resources, and Actions)

**Rubric Item**: Reflect on your responses to all the previous questions. Complete the Four-Year Action Plan, entering the specific program goals (goal rubric) and objectives (objective rubric) you have formulated to maintain or enhance your strengths, or to address identified weaknesses. **In writing your objectives and developing your resource requests, take into account student learning and program assessment results.** Assign an overall priority to each goal and each objective. In addition, enter any actions and/or resources required to achieve each objective. (Click here to see a definition of goals, objectives, actions, and how they work together.)

- **1 - Goal - Promote student success**
  Priority Rank:
  1
  **Objectives:**
  - o **1.1 - Objective - Add additional mandatory procedures to competency list as measured by an increase in Employer's satisfaction.**
    Priority Rank:
    1
    Start Date:
    11/02/2017
    End Date:
    11/01/2021

Responsible Person:
Melissa Huynh
Strategic Direction:
5. Enhance Value to the Surrounding Community
Impact Type:
District Wide
Institutional Learning Outcome:
3. Interpersonal and Group Skills
**Actions/Activities:**
- ▪ **1.1.a1 - Additional mandatory procedures**
  Add two additional mandatory procedures (mandible and panorex) to the competency list required by the American Registry of Radiologic Technology in order to take the national examination.
  Start Date:
  11/02/2017
  End Date:
  11/01/2018
  Responsible Person:
  Melissa Huynh
- o **1.2 - Objective - Add a clinical site to increase the number of students as measured by the program completion rate**
  Priority Rank:
  2
  Start Date:
  11/02/2017
  End Date:
  11/01/2021
  Responsible Person:
  Melissa Huynh
  Strategic Direction:
  1. Promote Student Success
  Impact Type:
  Only Students
  Institutional Learning Outcome:
  Not Applicable
  **Actions/Activities:**
  - ▪ **1.2.a1 - McKee Clinic**
    Waiting for the new McKee Clinic site to open and see what the outpatient number is like before submitting to JRCERT as a clinical site.
    Start Date:
    11/02/2017
    End Date:
    11/01/2019
    Responsible Person:
    Melissa Huynh
- **2 - Goal - Be known as the premier Radiologic Technology program in Southern CA**

Priority Rank:
2
**Objectives:**
- o **2.1 - Objective - Explore the admission process to increase the percentage of first attempt pass rate measured by the success rate.**
  Priority Rank:
  3
  Start Date:
  11/02/2017
  End Date:
  11/01/2021
  Responsible Person:
  Melissa Huynh
  Strategic Direction:
  6. Promote Effective Decision Making
  Impact Type:
  Department
  Institutional Learning Outcome:
  3. Interpersonal and Group Skills
  **Actions/Activities:**
  - ▪ **2.1.a1 - Written Test**
    Researching off the fire academy and paramedics to administer the written test to help increase student completion and success rate.
    Start Date:
    11/02/2017
    End Date:
    11/01/2019
    Responsible Person:
    Melissa Huynh
  - ▪ **2.1.a2 - Observation hours**
    Select the top 12 students after the interview process, then have those 12 students come in the department to do a 24 hours observation of the program. Of these 24 hours of observation, it will include 16 hours of day shift and 8 hours of evening shift. After the observation period, the committee will select the 8 students and 4 alternates for the program
    Start Date:
    11/13/2017
    End Date:
    11/13/2021
    Responsible Person:
    Melissa Huynh
  - ▪ **2.1.a3 - Prerequisite Course**
    Looking to change the prerequisite course of ANAT from ANAT 101 to ANAT 150 to increase student success rate. ANAT 150 provides more detail structural and functional of the human body.
    Start Date:

12/08/2017
End Date:
12/08/2021
Responsible Person:
Melissa Huynh

# 11. Comments

This space is provided for participants and managers to make additional comments. Comments are not required.

**There are no comments for this plan.**

# 12. Supporting Documents

This question is for attaching supplemental materials. Supporting documents are not required.

- [ARMC mission and goals.pdf](ARMC mission and goals.pdf)
- [Radiology Scheduling Matrix.xlsx](Radiology Scheduling Matrix.xlsx)
- [JRCERT Self-Study Standards_2014.pdf](JRCERT Self-Study Standards_2014.pdf)
- [Program Assessment Plan 2015-2016.pdf](Program Assessment Plan 2015-2016.pdf)
- [Program Assessment Plan 2016-2017.pdf](Program Assessment Plan 2016-2017.pdf)
- [Program Effectiveness Data (2012-2016).pdf](Program Effectiveness Data (2012-2016).pdf)
- [Brochure Rev. 2017.pdf](Brochure Rev. 2017.pdf)
- [mini Brochure 2017rev.pdf](mini Brochure 2017rev.pdf)