

**September 21, 2022
Zoom Virtual Meeting Room
Meeting Convened at 4:33 p.m.
Meeting Adjourned at 6:05 p.m.
Facilitator: Loren Sachs**

<u>COMMITTEE MEMBERS</u>	<u>EX-OFFICIO</u>
<p>Dr. Mohammad Helmy, Radiologist Medical Advisor, UCI Anthony Luang, Radiology, Mission Hospital Candace Maciel, Clinical Educator, West Anaheim Medical Center Jessica Nazzario, Radiologic Tech & Clinical Coordinator, Mission Hospital</p>	<p>Liz Barton, Faculty, OCC Christiaan Desmond, Dean, Consumer Health Sciences, OCC Elaine Devlin, K-14 Pathways Coordinator, Career Education, OCC Kelly Holt, Faculty, OCC Jimmy Nguyen, Faculty, SPLA, OCC Donna Pierce, Faculty, OCC Caryn Plum, Allied Health Counselor, OCC Loren Sachs, Faculty, Program Coordinator, OCC Alexia Wood, Allied Health Program Assistant, OCC</p>

ADVISORY COMMITTEE MEETING SUMMARY

1. Welcome & Introductions

- Committee members introduced themselves and confirmed their respective titles and roles at their respective companies.
- Loren Sachs reviewed the role and responsibilities of advisory meetings as follows:
 - Review and access the structure, program-level outcomes and curriculum of the Radiologic Technology Program;
 - Ratify and recommend changes to program structure, PSLOs and curriculum so that the program and curriculum align to stated occupational outcomes and industry needs and requirements.
 - Make recommendations for program improvement.

2. Review and Reaffirmation of Existing Certificates and Degrees

- The committee advisors reviewed and reaffirmed the existing programs and degrees:
 - Radiologic Technology, Associate of Science
 - Advanced Clinical Practice, Certificate of Specialization
- Loren Sachs proposed an Imaging Assistant Certificate
 - Benefits
 - No new classes needed
 - Offering an in-program certificate increases the value of the program to students, increasing potential allocation to the college, and increases the earning potential of students for employability.
 - Our sequencing would allow both our rad tech and sonography students to complete the certificate.
 - Cypress is not doing this, nor the HS component.
 - It could offer a bridge for high school academy students
 - We could see between 45 to 55 of these certificates awarded annually
 - Facilitate the high school experience and the employability of these students in a hospital setting earlier

- Use hidden CRNs for high school students to access ALH 115 and RAD T 100 possibly as high school dual enrollment or certainly first fall out of high school and thereby “tie” them to OCC, and even allow them to use the certificate to benefit themselves should they go to a four-year institution.
 - Courses (10 units)
 - ENG 100 or ESL 100
 - ALH 111 Medical Terminology
 - ALH 115 Patient Care
 - RADT 100 Radiology Physics
 - A course from GE Area A(A2) and a course from GE Area D
 - High school students planning on going to med school could get better jobs if they graduate high school with an imaging assisting certificate.
 - Could be a stand-alone certificate, but it would take a little money to do that, essentially an extra section of AIH 115 lab.
- The committee unanimously ratified the proposal of the new certificate: Imaging Assistant Certificate

3. Program Outcome Data

- **Review Program Mission Statement:**
 - The current program mission statement was reviewed and reaffirmed as is: The mission of the program is to prepare qualified medical imaging practitioners, who will support the highest level of ethical care, while employing competent technical practices. A commitment to professional growth and life-long learning will be developed.
- **The committee reviewed and ratified the following Program Level Outcomes (PLOs):**
 - Radiologic Technology:
 - Graduate students who are clinically competent and ready to begin a successful career in the Radiologic Sciences.
 - Students will be able to demonstrate professional and ethical behaviors.
 - Students will exhibit the communication skills necessary to effectively perform the duties of a Radiographer in a variety of health care environments.
 - Students will demonstrate independent critical thinking skills to solve clinical practice related problems to optimize diagnostic outcomes.
 - Advanced Clinical Practice: At the successful conclusion of the course sequence, students will be able to apply for and sit for the American Registry of Radiologic Technologists (ARRT) certification examinations in either Computed Tomography (CT) and Mammography (M)
- **Reviewed and approved Radiation Safety Manual.**
- **Biennial Program Review (Attachment)**
 - Committee reviewed occupation/job titles and codes and wage information.
 - Committee ratified “as is” the job/occupational outcome of the program as radiologic technologists.
 - The wages reflected on the Biennial Review (BR) look accurate.
 - The need for rad techs is growing in the next decade, a projected 19.1% increase.
 - Enrollment and Completer Status and Trends
 - Students are completing.
 - OC jobs are out there for rad techs.
 - Our pass rates for ARRT are better than national average.
 - The program is back to full cohorts.

- **Licensure/certification exam pass rates:**

Program	Exam	Institution Set Standard (%)	Pass Rate (%)				
			2016 - 2017	2017- 2018	2018- 2019	2019- 2020	2020- 2021
Radiologic Tech:	ARRT	75%	100%	100%	90%	100%	96%

- **Employment Outcome Data**

- Institution Set Standard

Program	Institution Set Standard (%)	Placement Rate (%)				
		2017	2018	2019	2020	2021
Radiologic Technology	75%	83.59	82.03	86.52	100%	100%

- **Perkins Program Core Indicators**

- No updated report available from the Chancellor’s Office for 2021-2022 year. Report for 2020-2021 was discussed in last year’s meeting.

- **JRCERT Site Visit**

- The site visit went very well. There were a few areas we needed to address and those were addressed. There was also a suggestion, from the site visitors, that our directed clinical experience be extended to the second year.

4. **Review and Ratification of Last Advisory Committee Recommendations**

- Last Meeting Date: September 15, 2021
- Reviewed and ratified the notes from last committee meeting. See the attachment of the last meeting summary.
- Reviewed progress of recommendations
 - Getting new phantoms
 - Physics for 4 semesters
 - Added a Fluoroscopy course that will start this spring.

5. **New Curriculum and/or Program Proposals**

- Reviewed the proposed new Procedure Evaluation Form for students.
- Reviewed changes to Clinical Competency requirements
 - Consider 10-hour clinical days for second semester first year students and then throughout the rest of the program. Revisit this idea at the next meeting or email Loren about your opinion.
- The committee discussed and approved the addition of the Imaging Assistant Certificate

6. **Work-Based Learning Opportunities**

- Overview of existing work-based learning elements of program and gaps or needs.
 - Jessica Nazzario shared that she would be leaving Mission in January. It will be important for OCC faculty to facilitate the onboarding of the new preceptor. OCC faculty time present is adequate when things are running smoothly. More time onsite for OCC faculty would be beneficial to perform exam evaluations, Mission can get quite busy and I don’t often have time to work with the student as much as I would like.
 - Donna Pierce – Agreed with Jessica in light of my most recent visit to Mission and finding Chris's notebook in complete shambles, not to mention the loss of his film badge, I am concerned about faculty time at the clinical lab sites. My average visit begins and ends with the clinical Educator at each facility. We address any issues and exchange information regarding the students. I seek out each student individually, this gives me an opportunity to see them performing exams. I spend additional time answering questions, reviewing their progress through notebook documents and giving any aid they may need. This all takes time. At UCI, I feel my time spent observing our students is extremely valuable as Henry often tasks me with putting pen to paper grading their objectives. I take time to make comments and strive to offer a sincere evaluation of their progress and skills.

I think it's safe to say all of our clinical sites are working with staffing shortages and increased workloads. Our Educators may be pulled into areas where their observation of students is limited and time for reviewing progress may be impossible. I'd like to keep my interaction with our students as meaningful as possible. With time limitations I can only imagine meeting with them as a group. I think this will become a generic paper shuffling experience and I'll lose my feel for who's who.

- Kelly shared a 2nd year student had issues with records at the clinical site last year. The outcome was not beneficial to the student or the program. The program needs to evaluate the clinical lab courses to close the lack of presents and instruction for clinical labs.
- Advisor recommendations and referrals for new internships or apprenticeship opportunities.
 - The program may have two new clinical sites, Hoag Orthopedic Institute and City of Hope in Irvine. Hoag Orthopedic Institute will not increase the potential cohort size. City of Hope will allow an increased cohort size. The City of Hope in OC location just opened in August of 2022. This location is working on building the patient base and does not have the volume of patient exams at this time to support an effective learning environment for students.

7. Industry Update & Employment Trends

- Emerging technologies and industry developments impacting instructional programs
 - IR (Interventional Radiology) – we need to identify a way in which we can offer these experiences to the community.
- **Industry** hiring practices and trends
 - Jobs are out there

8. Summary of Committee Recommendations

- The committee reaffirmed all the existing program certificates and degrees:
 - Radiologic Technology
 - Advanced Clinical Practice, Certificate of Specialization
- The committee affirmed the new 10-unit certificate proposed, Imaging Assistant Certificate
- New or Revised Curriculum/Classes or Program Structure
 - Offer a joint offering IR class with Sonography or DMS.
 - Consider looking at grading being in electronic form in some instances.
 - Consider looking at collecting objective page at a certain time.
 - Pursue the changing of the hours in a clinical day to reduce the number of days per week a student is participating in program activities and driving to the clinical sites
 - Evaluate the clinical lab courses, hours and faculty participation to resolve gaps in faculty involvement in hands-on learning.
- New Equipment/Technology
 - The committee approved pursuing the acquisition of a portable x-ray system with a DR system that's compatible with our system.
 - The committee approved pursuing a wall mounted cassette holder.
 - The committee approved buying two arms for venipuncture practice.
 - The committee approved any new equipment or software to keep the program current and successful.
- Other recommendations for program improvement and acknowledgements and appreciations of items done for program improvement:
 - Offered gas cards through Student Services.
 - OCC has bus passes for all students.
 - Kaiser Permanente Irvine gave review books to all graduating students.

9. Closing Remarks