

Program Viability Committee Summary

September 1, 2022, 10:00 a.m. to 11:30 a.m. – Zoom

Members present: Garrett Rieck (Noncredit Faculty), Tricia George (English/Interim Curriculum Committee Chair), Jason Burgdorfer (MSHP-MSE/ COCFA Rep), Jesse Vera (Adjunct Counselor & AMSA Faculty Co-Advisor) & Julie Hovden (Counseling), Dr. Omar Torres (CIO), Jennifer Paris (ECE)

Guests: Marilyn Jimenez (Academic Senate Administrative Assistant), Diane Avery (Dean, Academic Innovation and Continuing Education), Justin Hunt (Networking Tech.) & Dr. Kathy Bakhit (Dean, HPPS), Jeff Gregor (Associate VP, Instruction), Daylene Meuschke (Dean, Inst Research, Planning & Inst Effectiveness), Larry Alvarez (Admin Justice), Samisha Davis, Tina Rorick (Nursing)

I. Routine Matters

1. Call to order: 10:05 am
2. Resolution to Implement Teleconferencing Requirements
 - a. Motion to approve the resolution by Jesse Vera, seconded by Julie Hovden. Unanimous. Approved
3. Approval of the Agenda
 - a. Motion to approve the agenda by Dr. Omar Torres, seconded by Jesse Vera. Unanimous. Approved.

II. Report

1. Year Three Status Report - Law Enforcement Technology – Larry Alvarez
 - a. **Background:** This program was run as a pilot program and launched during the pandemic. The enrollments are not what was hoped for
 - b. **Marketing:** The program is looking to conduct marketing for new audiences which includes In-Service Police Officers, military bases such as their career centers, and private investigators in the private sectors. The program is heavily dependent on word of mouth. Many of our students are coming from the SFV and AV valleys and this is due to the program reputation
 - c. **Program Review Requests:** A request was submitted in program review to attend conferences and for additional marketing.
 - d. Veteran Students: The program will take some time to be approved through the VA.
 - e. **Program Partners:** The recommendation is to connect to the ISA partners such as the Sheriff as the college is involved with public safety training and works with public safety partners. The program has been marketing to the LAPD and every police division in Kern County but not with ISA's. The idea is to send a marketing flyer and email to all ISA's. Criminal justice has experienced their own problems. Many classes are being offered online as this gives the program the national exposure. There is a Digital National Program and Jai-Yi Cheng Levin will push to her international students. The idea is work on creating a flyer to market and to send communication to other public safety officers.
 - f. Congratulations to Larry for all his work with this program as he has worked with PIO office to launch campaigns and including social media marketing.
 - g. Motion to make the Law Enforcement Technology Program a permanent program by Julie Hovden, seconded by Jesse Vera. Unanimous. Approved.

III. Discussion

1. Program Initiation: Sonography – Tina Rorick and Kathy Bakhit
 - a. **Background:** This program initiation is for the *Diagnostic Sonography Medical Program*. Ashley Aparicio (Adjunct) worked heavily with creating this proposal. Dr. Tina Rorick will be the new faculty champion for the program as Ashley has now accepted a full-time teaching position. Dr. Rorick is a full-time instructor in the Nursing department.
 - b. **Nursing Department Stats:** The Nursing Departments receives an average of 700 applications and only takes in 150 applications for only a few spots in the program. Student can pursue this education and can become a registered nurse. Many of the Biology courses are filled with pre-nursing students who are trying to get into the program.
 - c. Samisha Davis has been an ultrasound technologist for the past 9 years and is currently a Sonography Director in Houston, Texas. The medical imaging community is growing and there are many pathways available for students.

Presentation Proposal: Dr. Kathy Bakhit shared a presentation proposal.

1. **Why is there a need for this program?** There is a projected growth of 16% from 2020 to 2030 for healthcare occupations. This will add 2.6 million jobs, and this is due to the aging baby boomer population as many are retiring. Thus, the need for more healthcare. There is a projected income of \$61,980 annually. The job outlook is at 14% which is growing faster than the national average. A graph showing the earnings for diagnostic medical sonographers was shared. This field is identified as an emerging middle skills occupation.
2. **LMI Data:** In looking specifically at Diagnostic Medical Sonography in 2021 there were 195 job openings. In the past 6 weeks there have been 67 post for jobs in Diagnostic Sonographers.
3. **Programs in the area:** None of the programs are within the driving distance for students. CBD College which is the closest institution costs \$40,000 +. There is no local program COC will be competing with.
4. **Advisory Board:** The program has partners with Henry Mayo and Kaiser Permanente. Kaiser used the word “dire” need for this field. Kaiser has 23 locations and RadNet has 9 locations. There were letters of support obtained from Henry Mayo and Kaiser Permanente.
5. **What is sonography?** Sonography and ultrasound are the same as they are a branch of medical imaging field such as X-ray technologist. Sonographers use sound waves to help the radiologist see what is happening inside the body.
6. **Employer Need:** Employers prefer graduates of program accredited by the CAAHEP and to have joint review in education JRC-DMS. Radiology Technicians can become Sonographers. Many students can start in a radiologic program and take a series of courses that everyone in the health science program take, such as English, College Algebra and Physics.
7. **Physics Course:** Radiologists need to know a lot of physics as they need to know the physics of the machines. This is not trigonometry but college algebra base course. This has to be a college level physics class or the college can create a physics for specifically for allied health and remove the higher-level areas. The trigonometry Physics based class is 4 units of lecture and 1 unit of lab. As part of the accreditation only 1 course is required. This will require a deep dive for sonographers. Physics 110 would be ideal.
8. **ARDMS national exam:** This is a full-time program, and they need to learn the normal and abnormal anatomy. This program is tailored to prepare students for the ARDMS national exam. Students will receive an AA in Sonography. The courses will have

- didactic, scanning lab component and once students are competent, they can go to work in a hospital or clinic.
9. **Accreditation Requirements & Goals:** This is a potential alternative to nursing and many students don't realize there are many other careers in the medical field besides nursing. Sonographers are the only field that writes a report and tells the radiologist what they saw in the body. The program needs to ensure students are receiving the education needed to produce entry level Sonographers so students can sit for the exam and can walk into a job. If the program must be running with graduates, before it gets accredited, would students who are in the first classes be able to sit for the national licensure exam?
 - a. Graduation data will need to be collected and the program needs to be running first before a Program Coordinator can be hired. How many years of data are required to apply for the accreditation process?
 - i. It will depend on the number of cohorts and how many students per cohort? The recommendation would be to start with 10 and no more than 6 students per 4-5 cohort. This will be to secure the clinical sites as these students will work directly with technologist. The idea is to start 15-20 students at COC.
 - ii. There is currently an accreditation affiliation with Henry Mayo and Kaiser and having those partnership already existence will make the partnership much easier. RadNet has locations within driving distance for COC students. There is caution that is not just the clinical sites and program needs to look at what types of exams are being done at some clinical sites. The recommendation is to start small.
 - iii. Under a general program it is recommended to start teaching students about abdomen and OB as most facilities will do a mixture of both. The vascular is more specialized and not as required. What is being seen is that the general and vascular depts are combined and the general program has a vascular component.
 - iv. Option 1: Before accreditation students can already have a BA or a patient care related 2-year degree such as X-ray, respiratory technology and once they complete the program, they can sit for the state exam.
 - v. Option 2: If there is no accreditation, once students complete the program students can sit for the AARRT which is the X-ray technology exam which has a sonography component. Then the student can sit for the ARDMS, and the students will just need to take another exam in between. Once you accreditation is received AARRT exam can be bypassed. Students will need to take the sonography test.
 10. **Resources Required for the program:** A classroom and a sonography scanning lab with ultrasound machines is needed. It is preferred that the machines students use is those that students will use in the hospitals and clinics.
 11. **Clinic Sites:** Many clinical sites will only want 1 student per shift until they get used to students. If you take in 10 students, you will need to have 5 clinical sites.
 12. **Costs of machines:** At least 1 machine is needed for every 2 students. When students are in the lab, they practice scanning on each other. Preferably 5 machines are the best way to learn and do hands on training. Brand new machines cost \$100,000/ea. However, refurbished can run \$30-40,000/ea. Refurbished may be the way to go.
 13. **Medical Advisory License:** A medical advisory licensed person by the board is needed who will oversee the program and ensure that students are being taught correctly. These are not a faculty member but more so an Advisory Board member.

14. **Program Financial Needs:** The college is moving forward with constructing a new health science building. This building may be at CCC or Valencia campus. There will be funding available through the Instructional Block Grant Funding. There is also Perkins and SWF funding. The CA Apprentice Grant is also highly promoting this sector as Health Care work force is a high priority. The SWF has the aims to grow new opportunities.
15. **Facilities Requirement:** Will need to purchase some of this equipment and re-purpose space for this program. Need 30 sq ft for program proposed.
16. **Human Resources Needs:** Dr. Bakhit has put into Program Review a request for increase in staffing. The college now has access to the COVID 19 Recovery Act in the amount of \$9 million dollars. There may be some hybrid and lab component for clinical sites. There is a need to increase staffing capacity and seek experienced staff. All of this needs to be managed by a dean. There may be an ongoing cost of \$300,000 for salaries and extra supportive staff.
17. **Counseling Dept Request:** There was a request for more student support services as the student population is now growing and many students will need help with transcripts and counseling. Could this be discussed at staffing? There are several presentations in the queue for ASC for counselors. There is a need for additional counselors experienced to help guide students. Dr. Torres will make this recommendation to the Chancellor as this is an increase in workload. The proposal for the new Medial Sonographer program is separate than the request for more counselors.
18. **Academic Staffing Committee:** Dr. Bakhit but in a request for a counselor via a grant for Health Care as there is a need for expertise in the health sciences area. A clinical coordinator and a faculty director are required
 - a. **Clinical Coordinator Position Requirements:** Will ensure students have their vaccinations. All Clinical Coordinator must have an AA and AARRT license.
 - b. **Faculty Program Director Position Requirements:** Faculty members who are specifically license in ultrasound and concentration coordinators are preferred. The program director must have at least a BA degree and be an ultrasound technologist. Master's degree is preferred but not required. However, this may change.
19. **Benefits to the college:** This adds another level to the health education program as a high school diploma is no longer enough. Many students with just an AA come out having a great long-lasting career. These strengthen the community. The vision for the college is to keep distinguishing itself from other colleges.
20. **Discipline for courses:** In CA there are separate MQ for CCC's. What discipline will be attached with the courses? The program will be in the HPPS division and but will be its own department.
21. This vote would also support the initiation of the new department.
 - a. Motion to approve the program initiation for diagnostic medical sonography by Jason Burgdorfer, seconded by Julie Hovden. Unanimous. Approved.
 - b. Motion to create a new department from a previously unaffiliated program in Diagnostic Medical Sonography by Jennifer Paris, seconded by Dr. Torres. Unanimous. Approved.

IV. **Adjournment:** 11:30 am