



*Net FTE (full time equivalents). For example, if a faculty member will be reassigned from another program, but his/her original program will hire a replacement, there is one net new faculty member. Use fractions if appropriate. Graduate As are normally 0.5 FTE. The numbers should be consistent with the revenue/expenditure information provided.

Attachments: Summary of Degree or Certificate Program Proposal Other (optional)

This is a summary of

1. Relationship of the
University of Alaska

The Diagnostic Model
directly aligns with
which relate to the
care workers in a
the university to
for currently employed

2. History of the development

This DMS
health
State
six year
program
part of
educational

The development
by the
program
two years
clinic

3. Impact

The impact
significant
and positive

4. State

The impact
continues

reported a vacancy rate for medical sonographers of approximately 20 percent, and over 50 percent of current sonographers were age 45 or older. Vacancies that go unfilled for an extended period of time are often deleted, which strains staff and accelerates burnout.

5. Student opportunities, outcomes, and enrollment projections.

Graduates of the DMS program will be prepared to work in a variety of health care settings from doctor's offices to medical centers. Student learning outcomes, developed using the above-referenced CAAHEP standards and guidelines, will include entry-level knowledge of physics, anatomy, physiology, and pathophysiology related to sonography. Students will be competent in the performance of general sonography procedures, patient care activities, communication in a healthcare setting, and professional and ethical judgment.

Because of the hands-on nature of the program and the need to coordinate clinical training with medical facilities around the state, the program will operate under a cohort model with a new cohort of ten students beginning every two years. In the fifth year, the program expects to have enrolled a total of 30 students, including two completed cohorts of ten and an additional new cohort of ten actively enrolled in the program.

6. Faculty and staff workload implications.

The program requires one full-time faculty, Ryan Parnell, who is currently serving in a 9-month bipartite position during program development. Mr. Parnell is a registered diagnostic medical sonographer who has 16 years' experience in the field, as well as teaching experience. This position will change to a full-time teaching assignment beginning Fall 2012 when the first students are enrolled. Adjunct faculty will be hired during the first year to teach one didactic class, one laboratory course, and a summer practicum course.

7. Fiscal Plan for the proposed program.

Financial projections are based on the need for one full-time faculty and a small budget for commodities and contractual. The faculty will be required to travel to clinical rotation sites, some of which will be outside of Anchorage, for initial assessment of the site and for evaluation of students.

Tuition revenue will be generated and lab fees will be collected for consumables. Table ES7.1 reflects this projected revenue for tuition and