**Summary of Related Curriculum Proposals**

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| Title of Proposal | Updating the AS degree in Cardiovascular Technology  |
| Presenter(s) | Raymond Lenius |
| Presenter's DC/PC | Lena Scott |
| Presenter's Academic Dean | Dr. Tami Such |
| Department/ Discipline | Cardiovascular Technology |

**Related Proposals**

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| New Course’s ID’s | CVT1000 CVT1800C CVT 1801C CVT 2620 CVT 2420 CVT 2421 CVT 2805 CVT 2842C CVT2205  |
| Modifying Course’s ID’s | CVT1200 CVT 2840L CVT 2841L CVT 2920  |
| Deleting Course’s ID’s |  |
| New Program (Title) |  |
| Modifying Program (Title) | AS degree in Cardiovascular Technology |
| Deleting Program (Title) |  |

**Summary of Proposal:**

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| This program currently takes a cohort of students through a six-semester sequence of courses that prepares them to become Registered Cardiovascular Invasive Specialists (RCIS). Each semester, the students have to take all of the classes in the program as they are only offered once a year; there is no part-time option for this program. Students apply and are admitted each Fall term; should they fail a class, they have to wait until the following year to retake the class (along with all the other courses offered that term even if they did not fail those classes). The program is nationally accredited by Commission on Accreditation of Allied Health Education Programs (CAAHEP).A review of the program courses identified that there were mismatches between the number of credits for courses and their requirements that necessitated adjustments. In addition, some classes were mislabeled as Lecture only, Lab only, or Lecture/Lab combined: the incorrect designations require that new classes with the correct designation be created to replace the incorrect classes. These incorrect classes will be deleted once the current cohort complete their sequence of classes.The review also initiated a discussion on the need to separate this program from the Respiratory Care program; these programs had been sharing three courses (RET 1024 - Introduction to Cardiopulmonary Technology, RET 1613C - Cardiopulmonary Anatomy and Physiology and RET 2244 - Critical Care Applications). These courses are being removed from the program and replaced by new CVT courses.Further, the review highlighted that the program could be completed in 5 semesters rather than 6: this led to an update of the courses’ co- and prerequisites as class were moved between semesters. In this program, students who fail one core program class have to retake all classes in the same semester as the failed class the next time the course is offered (courses are only offer once per year). |

**Rationale for Proposal:**

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| Courses with C designation should contain both lecture and lab components and, since lab contact hours have to be more than lab credit hours per FSW’s definition of a credits\*. A number of courses within the program were found not to meet this definition and are being updated either by adjusting their lecture/lab hours or creating new versions of the class with the correct designation (L or C). Clinical classes in the program currently require excesses numbers of student contact hours relative to the number of credits awarded: for example, CVT2840L is currently a 3-credit class requiring 15 hours of student experience per week over at Fall/Spring semester. By the definition that a credit is associated with a least 3 hours of work (in and out of class) per week for a 15-week semester, 5 credits is a more appropriate number for CVT2840L.In this program, students who fail one core program class have to retake all classes in the same semester as the failed class the next time the course is offered (courses are only offer once per year). Hence co- and prerequisites have been updated.The changes in course credits hours along with the addition and removal of courses from the program core does not change the total number of in the credits: the changes still require the students complete 47 credits for the program core.\* **Credit Hour**:  A Credit Hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates to:A. Not less than one hour of classroom or direct faculty instruction and a minimum of two hours out of class student work   each week for approximately fifteen (15) weeks for one semester hour of credit, or the equivalent amount of work over a different amount of time, orB.  At least an equivalent amount of work as outlined in item “A.” above for other academic activities including laboratory work, internships, practica, field work, studio work, and other academic work leading to the award of credit hours. |

**Other Information:**

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|  | **Current Semester**  | **New Semester**  | **Current Credits** | **Proposed Credits** | **Proposed Lecture / Lab /Clinical per week** | **Proposal Type****(or removed from program)** |
| RET 1024: Intro Cardiopulmonary Tech  | Y1 Fall |   | 3 |   |   | (remove) |
| CVT 1000 Intro Cardiovascular Tech  |   | Y1 Fall |   | 3 | 3 lecture | new |
| CVT 1200 Cardiovasc Pharmacology  |   | Y1 Fall | 3 | 3 | 3 lecture | change |
| CVT 1800L Cardiovasc Pre-Practicum I  | Y1 Spring |   | 3 |   |   | (remove) |
| CVT 1800C: Cardiovasc Pre-Practicum I  |   | Y1 Fall |   | 4 | 2 lecture + 6 lab | new |
| CVT 1801L Cardiovasc Pre-Practicum II  | Y1 Sum |   | 3 |   |   | (remove) |
| CVT 1801C Cardiovasc Pre-Practicum II |   | Y1 Spring |   | 4 | 2 lecture + 6 lab | new |
| CVT 2205 Advanced Cardiac Care |   | Y2 Fall |   | 3 | 3 lecture | new |
| CVT 2420C Invasive Cardiology I  | Y2 Fall |   | 6 |   |   | (remove) |
| CVT 2420 Invasive Cardiology I  |   | Y1 Spring |   | 3 | 3 lecture | new |
| CVT 2421C Invasive Cardiology II  | Y2 Spring |   | 6 |   |   | (remove) |
| CVT 2421 Invasive Cardiology II  |   | Y2 Fall |   | 3 | 3 lecture | new |
| CVT 2620C Non-Invasive Cardio Tech I  | Y2 Fall |   | 2 |   |   | (remove) |
| CVT 2620 Non-Invasive Cardio Tech I  |   | Y1 Spring |   | 3 | 3 lecture | new |
| CVT 2805C Cardiovasc Intervent. Pre-Prac  | Y2 Fall |   | 3 |   |   | (remove) |
| CVT 2805 Cardiovasc Interventional Pre-Prac  |   | Y1 Sum. |   | 3 | 3 lecture | new |
| CVT 2842L Cardiovascular Practicum IV  | Y2 Sum. |   | 4 |   |   | (remove) |
| CVT 2842C Cardiovascular Simulation Pract. 1 |   | Y1 Sum. |   | 4 | 2 lecture + 6 lab | new |
| CVT 2920 Cardiovasc Tech as Professional  |  Y2 Sum. | Y2 Spring |  3 | 3 | 3 lecture hours | Change? |
| CVT 2840L Cardiovascular Practicum II  | Y2 Fall | Y2 Fall | 3 | 5 | 15 clinical hours | change |
| CVT 2841L Cardiovascular Practicum III  | Y2 Spring | Y2 Spring | 4 | 6 | 18 clinical hours | change |
| RET 1613C: Cardiopulmonary Anat & Phys | Y1 Spring |   | 2 | 0 |   | (remove) |
| RET 2244 Critical Care Applications CVT 2244 Advanced Cardiac Care | Y2 Spring |  Y2 Fall? | 2 | 3? |   | (remove)new |
|  |  | **Totals** | **47** | **47** |  |  |

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