**CURRICULUM COVER SHEET Prepared by: SFCC SCC**

Answer items A – I, fill in highlighted areas, & obtain proper signatures. Once complete, return to Curriculum Office.

**A.** Proposal Name: AAS IT Degree Revision

**B.** Check all appropriate boxes**:**

|  |  |  |
| --- | --- | --- |
| Professional/Technical | Liberal Arts | Other – describe below in Summary |
| Major Change | Minor Change |
| New Program | Program Revision | Reactivate Course(s) |
| New Course(s) | Course Revision(s) | Deactivate Course(s) |

**C. Does this proposal include course(s) for any of the below AA distribution categories?** (check all that apply)

Communication  Quantitative Skills  Humanities  Social Sciences  Math/Science

Health Related, PE, Recreational, Leisure Activities  Generally Transferable AA-DTA Elective

# D. Does this proposal include common course(s) as defined by the SBCTC? Yes No

# E. Offered at SCC SFCC

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| --- |
| If offered at both colleges, signatures are required from the personnel listed below from each college. |
| **F. Does this change affect workloads, master contract and/or budgets?** No Yes |
| If yes, a Workload Impact Form must be submitted |

**G. Requested implementation date of change (i.e. Fall 2020)**: Fall 2021

# H. Summary of Changes

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| *These changes will adjust the typical student schedule, modifying existing courses and adding four new courses. We will be adjusting and expanding our areas of emphasis and adding new courses required for all students to cover emerging technologies to meet industry needs. The revision to the TSS also adds a better transition strategy for students that will be pursuing a BAS upon completion of their AAS IT degree and common first year of courses for all students.  We are proposing an AAS IT degree with no emphasis, retaining the Information Systems Emphasis, changing the naming of the current ‘cybersecurity’ emphasis to ‘cyber defense’ and introducing ‘cyber operations’ emphasis. This change is prompted by our NSA Center of Academic Excellence Designation as a Cyber Defense Educator and as a first step to pursue an additional, complimentary designation of Cyber Operations Educator designation. This is following emerging industry needs and trends of categories within the Cybersecurity Field.  To support the ability to have an emphasis free degree and the ability to add new emphasis as industry demand requires, we have instituted an elective model to the degree plan. We have a gateway course and career course, IS 101 and IS102, in the first quarter that will guide students through their options in the program that will best support their career aspirations. We are also proposing the implementation of a program application process. To support this, we are implementing or adjusting course prerequisites to restrict entrance to our courses that are exclusive to our degree plans. We have support from our advisory board to implement this, but none of the CGRC paperwork or processes have a method to review or approve this process. We will model it on other programs at SFCC and SCC to provide equitable and optimal student recruitment and admission to our program. We are reviewing and improving CLOs for all courses to ensure quality of course content. We have included CLOs changes for some courses to ensure consistency in the formatting for all courses. CLO and/or Catalog Updates CS223, IS101, IS102, IS103, IS106, IS125, IS132, IS165, IS244, IS245, IS210, IS228, IS234, IS244 IS245, IS260, IS262. New courses IS166 Mobile Computing and Wireless Security, IS215 Operation Systems, IS222 Secure Cloud Computing, IS288 Cooperative Education Work Experience (No Seminar)* |

**I. Rationale for Proposed Changes**

The primary rationale and motivation for these changes are inspired by a growing program, NSA Center of Academic Excellence designation requirements, advisory board input during our most recent revisions and the desire to update our program looking forward to emerging technologies. This will expand and improve our offerings in Information Technology, Information Systems and Cybersecurity. The changes add student flexibility and the ability to more rapidly add areas of emphasis to accommodate a perpetually changing, high demand industry.

# J. Preliminary Review SFCC SIGNATURE COLUMN SCC SIGNATURE COLUMN

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| --- | --- | --- | --- | --- |
| Originator |  | Date: |  | Date: |
| Department Chair |  | Date: |  | Date: |
| Dean of Instruction |  | Date: |  | Date: |

# K. Final Approval SFCC SIGNATURE COLUMN SCC SIGNATURE COLUMN

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Curriculum Committee Chair |  | Date: |  | Date: |
| Vice President of Learning |  | Date: |  | Date: |