**PART B: PROPOSED DEGREE SEQUENCE**

**Complete this section for each proposed degree and certificate.**

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| --- | --- | --- |
| **DEGREE NAME:** |  | Web Development Certificate |
| **DEGREE WILL BE OFFERED AT:** | | WWCC (North Campus Only) |

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| --- | --- |
| **When should the proposed changes take effect?** | Fall Quarter 2024 |

|  |  |  |  |  |  |  |  |
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| **Description of Degree:** |  |  |  |  |  |  |  |
| The one-year Web Development certificate is comprised of a focused subset of the existing two-year AAS in Graphic Design and Web Development. It is intended to prepare students for a career in the tech industry working building full-stack web applications in design agencies, technology companies, on dev teams, as independent freelance coders or to found a developer company from scratch.   This certificate allows students who may not have the time to complete a two-year program the ability to develop significant depth of knowledge, proficiency with programming and markup languages and experience with coding workflows through specialization.   Topics include operating systems, Microsoft Office, User Experience (UX), User Interface design (UI), HTML, CSS, full-stack Javascript database design distributed version control and front-end frameworks. The certificate culminates with the App Development Capstone class where students utilize all the skills obtained in the program to conceive of, plan, build, test, refine and launch a fully functional full-stack web application.  As a subgroup of a more comprehensive degree, this certificate offering requires no additional resources, while allowing student specialization | | | | | | |
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**Please enter the proposed course sequences in the grids below.**

* Do not include FYE, even though it is a required course.
* If proposing a new course, enter “New” in the CTC # column.
* For any quarter when courses will not be offered, leave fields blank.

**Please affirm the following:**

For all new proposed courses, have you completed a new course form? Yes

For all existing courses with proposed changes, have you completed a course modification form? Yes

For all existing courses that will be archived, have you completed a course inactivation form? Yes

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **YEAR 1, Quarter 1 - CURRENT** | | | | | |  | | **YEAR 1, Quarter 1 - PROPOSED** | | | | | |
| **CTC #** | **COURSE** | | **TITLE** | **CR** | |  | | **CTC #** | **COURSE** | | **TITLE** | **CR** | |
|  |  | |  |  | |  | | 192028 | CS 110 | | Intro to Computers and Applications | 5 | |
|  |  | |  |  | |  | | 192980 | BUS 261 | | Interface Design | 5 | |
|  |  | |  |  | |  | |  | AENG 100 | | Intro to technical Writing | 5 | |
|  |  | | **TOTAL CREDITS** | **[**  **]** | |  | |  |  | | **TOTAL CREDITS** | **[**15**]** | |
| **YEAR 1, Quarter 2 - CURRENT** | | | | | |  | | **YEAR 1, Quarter 2 - PROPOSED** | | | | | |
| **CTC #** | **COURSE** | | **TITLE** | **CR** | |  | | **CTC #** | **COURSE** | | **TITLE** | **CR** | |
|  |  | |  |  | |  | | 192076 | CS 251 | | HTML & CSS | 5 | |
|  |  | |  |  | |  | | 192038 | CS 140 | | Javascript | 5 | |
|  |  | |  |  | |  | |  | AMATH 105 | | Intro to Quantitative Problem Solving | 5 | |
|  | | **TOTAL CREDITS** | | | **[ ]** | |  | | | **TOTAL CREDITS** | | **[ 15]** |
| **YEAR 1, Quarter 3 - CURRENT** | | | | | |  | | **YEAR 1, Quarter 3 – PROPOSED** | | | | | |
| **CTC #** | **COURSE** | | **TITLE** | **CR** | |  | | **CTC #** | **COURSE** | | **TITLE** | **CR** | |
|  |  | |  |  | |  | | 192083 | CS 262 | | Developer Workflow Tools | 5 | |
|  |  | |  |  | |  | | 192068 | CS 235 | | Database Design & Theory | 5 | |
|  |  | |  |  | |  | |  | ACOM 102 | | Communication in the Workplace | 5 | |
|  |  | | **TOTAL CREDITS** | **[**  **]** | |  | |  |  | | **TOTAL CREDITS** | **[**15**]** | |
| **YEAR 1, Quarter 4 - CURRENT** | | | | | |  | | **YEAR 1, Quarter 4 – PROPOSED** | | | | | |
| **CTC #** | **COURSE** | | **TITLE** | **CR** | |  | | **CTC #** | **COURSE** | | **TITLE** | **CR** | |
|  |  | |  |  | |  | | 192069 | CS 240 | | Javascript II | 5 | |
|  |  | |  |  | |  | | 233428 | CS 247 | | UI Front End Design | 5 | |
|  |  | |  |  | |  | | 192065 | CS 231 | | App Development Capstone | 5 | |
|  | | **TOTAL CREDITS** | | | **[ ]** | |  | | | **TOTAL CREDITS** | | **[15]** |

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|  |  | **YEAR 1 – CURRENT TOTAL:** |  |  |  |  | **YEAR 1 – PROPOSED TOTAL: 60** |

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|  |  | **GRAND TOTAL – CURRENT:** |  |  |  |  | **GRAND TOTAL - PROPOSED:** | **[**60] |