#### Student Name (First, Last):       Staff Initials:       Date:

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| Architectural Engineering Design AAT Degree |
| Associate of Applied Technologies Degree (AAT)  |
| **Admissions Date:** Fall and Spring quarters. |  |  |  |  |  |  |
| **Instructor contact email:** poppy.bushnell@cptc.edu **- or-** rasha.al-tameemi@cptc.edu**Program Counselor:** annemarie.solbrack@cptc.edu |  |  |  |
| **Prerequisites:** ***Completion of ENG 91 and MAT 92 or equivalent placement.*** *Computer skills are highly recommended prior to starting ARC courses.* **NOTE:** ***Students must complete MAT 99 –or- Mat 103 or higher prior to 5th quarter Architectural courses.***  |
|  |
| General Education Course Requirements | **Credits** |  |
| AAT Required General Education Courses |  |  |
|  **COLL 102 College Success For All** *(required to be completed 1st quarter)* | 3 |       |
| **ENGL& 101 English Composition,- or- CMST& 220 Public Speaking** *(pre-req ENG 094 or equivalent)* | 5 |       |
| **PSYC& 100DIV , or SOC& 101DIV , or PSY 112DIV** *(pre-req ENG 094 or equivalent)* | 5 |       |
| **MAT 103 Bus Math, or MAT 105 Math for Indust. Prof., or any 100 Level** *(pre-req MAT 92 or equivalent)***Math Class** | 5 |       |
|  ***AAT Required General Education Courses Total Credits*** | ***18*** |  |
|  |  |  |
|  |  |  |
| ***\*\*\*Indicates a course appropriate for a first-quarter ARC student*** |  |  |
| Program Courses | **Credits** |  |
| Qtr. 1**FALL/SPRG**      |  ARC 120 Architectural Drafting and Design I \*\*\* | 4 |       |
|  ARC 171 Drafting Technologies I\*\*\* | 5 |       |
|  ARC 183CL Introduction to AutoCAD\*\*\* | 4 |       |
|  **COLL 102 College Success for All** | 3 |       |
| Qtr. 2 SUM/WINTR      |  ARC 124 Residential Drafting and Design II *(pre-req ARC 120, ARC 171, ARC 183)* | 5 |       |
|  ARC 150 Construction Materials Research *(pre-req ARC 120, ARC 171, ARC 183)* | 4 |       |
|  ARC 175 Civil Engineering *(pre-req ARC 120, ARC 183)*  | 4 |       |
|  **ENGL& 101 English Composition (Preferred) -or- CMST& 220 Public Speaking** | 5 |       |
| Qtr.3 FALL/SPRG      |  ARC 126 Residential Drafting and Design III *(pre-req ARC 124)* | 5 |       |
|  ARC 146 Detailing & Light Construction *(pre-req ARC 124)* | 4 |       |
|  ARC 262 Intro to 3D Modeling *(pre-req ARC 183)* | 3 |       |
|  **MAT 105 Math for Industrial Professions or any 100 level math** | 5 |       |
| Qtr.4SUM/WINTR      |  ARC 282 Introduction to Building Information Modeling *(pre-req ARC 262)* | 5 |       |
|  ARC 192 Engineering Mechanics of Materials *(pre-req ARC 126 AND MAT 94 or higher)* | 4 |       |
|  ARC 219 Residential Drafting and Design IV *(pre-req ARC 126)* | 4 |       |
|  **PSYC& 100DIV , or SOC& 101DIV , or PSY 112DIV** | 5 |       |
| Qtr. 5FALL/SPRG      |  ARC 223 Design Project I *(pre-req ARC 183, ARC 219 and ARC 262)*  | 5 |       |
|  ARC 293 Engineering Statics *(pre-req – ARC 192 , AND MAT 099, -OR- MAT 103 or higher)* | 5 |       |
|  ARC 286 Advanced Building Information Modeling *(pre-req ARC 282)* | 5 |       |
|  ARC 255 Employment Research | 1 |       |
| ***Continues on page 2*** |
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| Qtr. 6SUM/WINTR      |  ARC 225CAP Design Project II *(pre-req ARC 223 and ARC 286)* | 5 |       |
|  ARC 231 Cost Estimating *(pre-req ARC 223)* | 3 |       |
|  ***Choose one 5 credit elective course from the list of electives below:*** | 5 |       |
|  ARC 227 Special Intern Project *(Instructor permission required)* |  |  |
| -Or- ARC 229 Special Design Project *(pre-req ARC 262, ARC 286)*  |  |  |
| -Or- ARC 288CL Applied AutoCAD *(pre-req ARC 262, ARC 223, ARC 282)* |  |  |
| ***Total Credits for Completion*** | ***98*** |
|  |
| **Identify additional preparatory math or English courses you may need to take: If placement scores are below English 91 and/or Math 92, contact the Adult Basic Education (ABE) for classes, Building 10 (253) 589-5702** |
|  **Developmental Math Pathway** | Credits | Taken |
| * MAT 092 Pre-Algebra ***(must complete prior to MAT 105, MAT 103)***
 | 5 |       |
| **Developmental English** | Credits | Taken |
| * ENG 091 Basic Reading & Writing
 | 5 |       |
| * ENG 094 Advanced Reading & Writing
 | 5 |       |
|  |
| Quarterly Self Planning Grid |
| **Quarter 1**       | **Quarter 2**       | **Quarter 3**       | **Quarter 4**       |
|  |  |  |  |
| Class:       | Class:       | Class:       | Class:       |
| Class:       | Class:       | Class:       | Class:       |
| Class:       | Class:       | Class:       | Class:       |
| Class:       | Class:       | Class:       | Class:       |
| **Quarter 5**       | **Quarter 6**       | **Quarter 7**       | **Quarter 8**       |
|  |  |  |  |
| Class:       | Class:       | Class:       | Class:       |
| Class:       | Class:       | Class:            | Class:       |
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| Class:            | Class:       | Class:       | Class:       |
| Notes:       |

***\*Please check in periodically with Advising and Counseling regarding any potential changes to program course requirements***