

Dear Architecture student,

This handout has been designed to clarify the path to success. The Certificate of Achievement in this field consists of three semesters of study starting in the fall of any year. You will enter the path in your first semester by taking the Introductory Architecture classes: "Architectural Drafting and Design I" and "Architectural Design Theory I." These courses provide the foundation for architectural drafting and design principles.

In the second semester, you will stay the path by taking the "Introduction to 2D Computer Aided Drafting" class along with the "Introduction to Architecture and Environmental Design" class. You will complete the path by taking the "History of Architecture" class. These classes provide a well-rounded introduction to the architectural profession. After completing the path, you will be knowledgeable about the fundamentals of architectural practice utilized in the industry.



## NEW STUDENTS FIRST SEMESTER (FALL)

| Course             | Course Name                         | Semester Offered |
|--------------------|-------------------------------------|------------------|
| ARCH 111 (3 units) | Architectural Drafting and Design I | Fall and Spring  |
| ARCH 212 (3 units) | Architectural Design Theory I       | Fall and Spring  |
| <b>6 Units</b>     | <b>2 Classes</b>                    |                  |

## CONTINUING STUDENTS SECOND SEMESTER (SPRING)

| Course             | Course Name                                           | Semester Offered         |
|--------------------|-------------------------------------------------------|--------------------------|
| ARCH 110 (3 units) | Introduction to Architecture and Environmental Design | Fall, Spring, and Summer |
| ARCH 123 (4 units) | Introduction to 2D Computer Aided Drafting            | Fall                     |
| <b>7 Units</b>     | <b>2 Classes</b>                                      |                          |

## CONTINUING STUDENTS THIRD SEMESTER (SUMMER)

| Course             | Course Name             | Semester Offered         |
|--------------------|-------------------------|--------------------------|
| ARCH 112 (3 units) | History of Architecture | Fall, Spring, and Summer |
| <b>3 Units</b>     | <b>1 Class</b>          |                          |

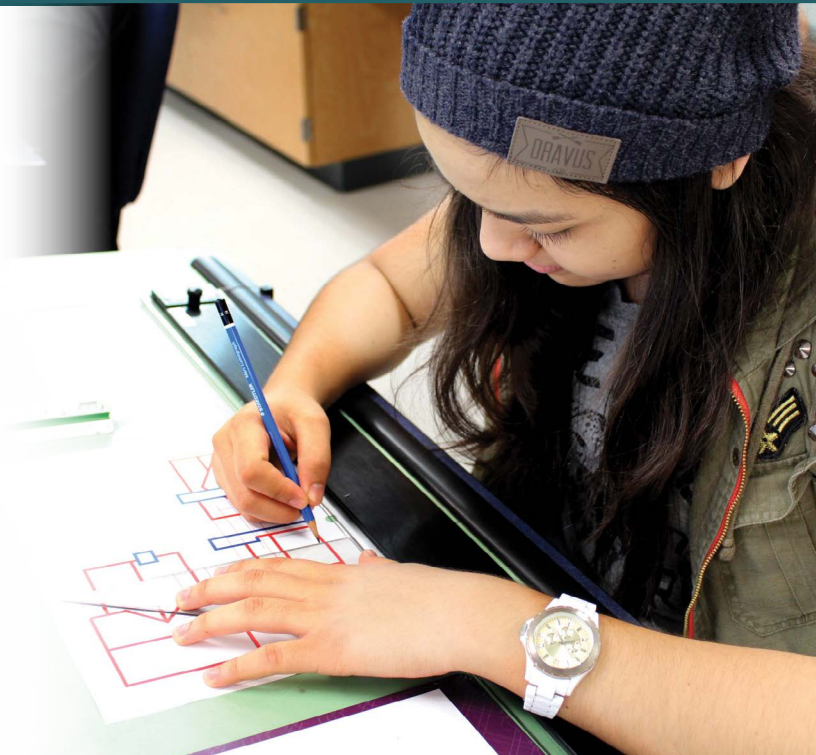
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Dear Architecture student,

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In the second semester, you will stay the path by taking the advanced architectural drafting classes: "Architectural Drafting and Design II" and "Architectural Delineation." You will also take the advanced architectural design class, "Architectural Design Theory II." These classes will further your understanding of architectural drafting and design principles. After completing the path, you will have the technical skills in drafting and design. You will be knowledgeable about the techniques utilized in the industry.



## NEW STUDENTS FIRST SEMESTER (FALL)

| Course             | Course Name                         | Semester Offered |
|--------------------|-------------------------------------|------------------|
| ARCH 111 (3 units) | Architectural Drafting and Design I | Fall and Spring  |
| ARCH 212 (3 units) | Architectural Design Theory I       | Fall and Spring  |
| <b>6 Units</b>     | <b>2 Classes</b>                    |                  |

## CONTINUING STUDENTS SECOND SEMESTER (SPRING)

| Course             | Course Name                          | Semester Offered |
|--------------------|--------------------------------------|------------------|
| ARCH 121 (3 units) | Architectural Drafting and Design II | Summer           |
| ARCH 122 (2 units) | Architectural Delineation            | Fall             |
| ARCH 222 (3 units) | Architectural Design Theory II       | Spring           |
| <b>8 Units</b>     | <b>3 Classes</b>                     |                  |

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In the second semester, you will stay the path by taking the: "Freehand Drawing", "Architectural Drafting and Design II", and "Introduction to 2D Computer Aided Drafting" classes. These courses provide the foundation for the advanced architectural classes you will take during the third semester: "Architectural Design Theory I," "Introduction to 3-D Computer Aided Drafting," and either "AutoCAD Architecture" or "Revit Architecture." After completing the path, you will have the technical skills required to succeed in the profession and to potentially continue your studies at a professional school of Architecture. You can also obtain the Associate of Arts degree upon completion of your general education course requirements.



## ASSOCIATE OF ARTS DEGREE IS ALSO AVAILABLE

### NEW STUDENTS FIRST SEMESTER (FALL)

| Course                                                | Course Name                                                                          | Semester Offered                   |
|-------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------|
| ARCH 110 (3 units)<br><b>OR</b><br>ARCH 114 (3 units) | Introduction to Architecture and Environmental Design<br>Green Architecture and LEED | Fall, Spring, and Summer<br>Spring |
| ARCH 111 (3 units)                                    | Architectural Drafting and Design I                                                  | Fall and Spring                    |
| ARCH 112 (3 units)                                    | History of Architecture                                                              | Fall, Spring, and Summer           |
| ARCH 113 (4 units)                                    | Building Codes                                                                       | Fall and Spring                    |
| <b>13 Units</b>                                       | <b>4 Classes</b>                                                                     |                                    |

### CONTINUING STUDENTS SECOND SEMESTER (SPRING)

| Course             | Course Name                                | Semester Offered |
|--------------------|--------------------------------------------|------------------|
| ART 110 (3 units)  | Freehand Drawing                           | Fall and Spring  |
| ARCH 121 (3 units) | Architectural Drafting and Design II       | Summer           |
| ARCH 123 (4 units) | Introduction to 2D Computer Aided Drafting | Fall             |
| <b>10 Units</b>    | <b>3 Classes</b>                           |                  |

### CONTINUING STUDENTS THIRD SEMESTER (FALL)

| Course                                                | Course Name                                    | Semester Offered |
|-------------------------------------------------------|------------------------------------------------|------------------|
| ARCH 212 (3 units)                                    | Architectural Design Theory I                  | Fall and Spring  |
| ARCH 213 (4 units)                                    | Introduction to 3-D Computer Aided Drafting    | Fall             |
| ARCH 221 (4 units)<br><b>OR</b><br>ARCH 223 (4 Units) | AutoCAD Architecture [1]<br>Revit Architecture | Spring<br>Spring |
| <b>11 Units</b>                                       | <b>3 Classes</b>                               |                  |

**Notes:** [1] = Classes are usually offered during evening

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In your second semester, you will stay the path by taking two advanced computer-aided drafting and design classes. This includes two Building Information Modeling programs: "AutoCAD Architecture" and "Revit Architecture" as well as the leading computer-aided engineering program, "SolidWorks." After completing the path, you will be knowledgeable about the computer programs utilized in industry.



## NEW STUDENTS FIRST SEMESTER (FALL)

| Course             | Course Name                                 | Semester Offered |
|--------------------|---------------------------------------------|------------------|
| ARCH 123 (4 units) | Introduction to 2D Computer Aided Drafting  | Fall             |
| ARCH 213 (4 units) | Introduction to 3-D Computer Aided Drafting | Fall             |
| <b>8 Units</b>     | <b>2 Classes</b>                            |                  |

## CONTINUING STUDENTS SECOND SEMESTER (SPRING) – CHOOSE TWO OF THE FOLLOWING

| Course             | Course Name                   | Semester Offered |
|--------------------|-------------------------------|------------------|
| ARCH 221 (4 units) | AutoCAD Architecture [1]      | Spring           |
| ARCH 223 (4 units) | Revit Architecture            | Spring           |
| ENGT 259 (4 units) | SolidWorks Introduction [1,2] | Fall and Spring  |
| <b>8 Units</b>     | <b>3 Classes</b>              |                  |

### Notes

[1] = Classes are usually offered during the evening

[2] = Classes are offered as "Credit By Exam"

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