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|   | CAREER ENHANCEMENT CERTIFICATE CIVIL ENGINEERING TECHNOLOGY – ARCHITECTURAL DRAFTING | 2024-25 Catalog Effective Summer 2024 |
| | <i>The catalog in force is assigned to students based on the academic year they first applied to the college, and changes only when students change their major or request the change in writing. Refer to Policy No. 3357:15-13-28.</i> | 4206 |

Business, Engineering, and Information Technologies Division

Engineering Technology Department

| Course Number | Course Title | Credits | Pre- and Co-Requisites | Completed Sem./Year |
|---------------------------|---|-----------|-----------------------------|---------------------|
| SSC101 | Student Success Seminar^^ | 1 | <i>Take first semester</i> | |
| CET121 | Building Materials and Construction Methods | 3 | | |
| CET122 | Architectural Drafting I | 3 | | |
| CET123 | Architectural Drafting II | 3 | Co-CET121 and CET122 | |
| CET234 | Architectural CAD (REVIT 3D – BIM) | 3 | CET121 and CET122 | |
| DET125 | Basic AutoCAD | 3 | | |
| TOTAL CREDIT HOURS | | 16 | | |

STUDENT ADVISING NOTES

Academic Advising

Students should make an appointment to see their advisor before registering for classes each semester. They should have prepared a completed registration form, including courses they wish to take, prior to this meeting.

First Semester

| | | <u>Credit Hours</u> | <u>Pre- and Co-requisites</u> |
|--------|---------------------------|---------------------|-------------------------------|
| SSC101 | Student Success Seminar^^ | 1 | <i>Take first semester</i> |
| CET122 | Architectural Drafting I | 3 | |
| DET125 | Basic AutoCAD | <u>3</u> | |
| | | 7 | |

Second Semester

| | | | |
|--------|---|----------|----------------------|
| CET121 | Building Materials and Construction Methods | 3 | |
| CET123 | Architectural Drafting II | <u>3</u> | Co-CET121 and CET122 |
| | | 6 | |

Third Semester

| | | | |
|----------------------|------------------------------------|-----------|--------------------------|
| CET234 | Architectural CAD (REVIT 3D – BIM) | <u>3</u> | CET121 and CET122 |
| | | 3 | |
| TOTAL CREDITS | | 16 | |

^^To promote student success, this course should be taken in the first semester

The classes in this certificate also apply toward the completion of a Civil Engineering Technology – Architectural Major (4201).