

| | | |
|------------------------------|--------------------------|----------------|
| Sixth Semester – Fall | | |
| BCT 140 | Commercial Wiring | 3 |
| EEM 251 | Programmable Controllers | 3 |
| | | Total 6 |

| | | |
|----------------------------------|--------------------------|----------------|
| Seventh Semester – Spring | | |
| EEM 140 | National Electrical Code | 3 |
| EEM 221 | DC/AC Drives | 3 |
| | | Total 6 |

| | | |
|---------------------------------|---|----------------|
| Eighth Semester – Summer | | |
| ENG 101 | English Composition I | 3 |
| ELE MAT | Select one course from Mathematics Elective on page B-3 | 3 |
| | | Total 6 |

| | | |
|------------------------------|------------------------------------|----------------|
| Ninth Semester – Fall | | |
| ELE HUM | Humanities Elective | 3 |
| ELE SSC | Behavioral/Social Science Elective | 3 |
| SPC 205 | Public Speaking | 3 |
| or | | |
| SPC 209 | Interpersonal Communication | 3 |
| | | Total 9 |

Engineering Design Graphics Course Display

Credit Requirements: 70 Semester Credit Hours

Core Curriculum Requirements

| | | |
|-----------|--|---|
| CPT 101 | Introduction to Computers | 3 |
| or | | |
| EGR 110 | Introduction to Computer Environment | 3 |
| ENG 101 | English Composition I | 3 |
| HSS 201 | Issues in Humanities | 3 |
| ELE MAT | Select one course from Mathematics Electives | 3 |
| ECO 210 | Macroeconomics | 3 |
| or | | |
| PSY 201 | General Psychology | 3 |

Primary Path

| | | |
|-----------|---|---|
| EGR 109 | Introduction to Engineering Design Graphics | 3 |
| or | | |
| EGR 275 | Introduction to Engineering/Computer Graphics | 3 |
| EGT 115 | Engineering Graphics II | 4 |
| EGT 130 | Geometric Dimensioning and Tolerancing Applications | 3 |
| EGT 151 | Introduction to CAD | 3 |
| EGT 152 | Fundamentals of CAD | 3 |
| EGT 210 | Engineering Graphics III | 4 |

| | | |
|---------|-----------------------------------|---|
| EGT 220 | Structural and Piping Application | 4 |
| EGT 251 | Principles of CAD | 3 |
| EGT 252 | Advanced Computer Aided Design | 3 |

Secondary Path

| | | |
|---------|------------------------------------|---|
| AET 202 | History of Architecture | 3 |
| AET 110 | Architectural Graphics I | 3 |
| AET 111 | Architectural Computer Graphics I | 3 |
| AET 120 | Architectural Graphics II | 3 |
| AET 221 | Architectural Computer Graphics II | 4 |

Additional Requirements

| | | |
|---------|------------------------|---|
| CET 120 | Construction Materials | 3 |
| EGT 257 | Advanced Civil CAD | 3 |
| EGT 265 | CAD/CAM Applications | 3 |

Engineering Design Graphics Career Path

Credit Requirements: 70 Semester Credit Hours

Recommended Sequence of Courses

First Semester – Fall

| | | |
|---------|---|---|
| EGR 275 | Introduction to Engineering/Computer Graphics | 3 |
|---------|---|---|

or

| | | |
|---------|---|---|
| EGT 109 | Introduction to Engineering Design Graphics | 3 |
|---------|---|---|

| | | |
|---------|------------------------|---|
| CET 120 | Construction Materials | 3 |
|---------|------------------------|---|

| | | |
|---------|---------------------------|---|
| CPT 101 | Introduction to Computers | 3 |
|---------|---------------------------|---|

or

| | | |
|---------|--------------------------------------|---|
| EGR 110 | Introduction to Computer Environment | 3 |
|---------|--------------------------------------|---|

| | | |
|---------|-----------------------|---|
| ENG 101 | English Composition I | 3 |
|---------|-----------------------|---|

Total 12

Second Semester – Spring

| | | |
|---------|-------------------------|---|
| AET 202 | History of Architecture | 3 |
|---------|-------------------------|---|

| | | |
|---------|-------------------------|---|
| EGT 115 | Engineering Graphics II | 4 |
|---------|-------------------------|---|

| | | |
|---------|---------------------|---|
| EGT 151 | Introduction to CAD | 3 |
|---------|---------------------|---|

| | | |
|---------|----------------------|---|
| HSS 201 | Issues in Humanities | 3 |
|---------|----------------------|---|

| | | |
|---------|--------------------|---|
| PSY 201 | General Psychology | 3 |
|---------|--------------------|---|

or

| | | |
|---------|----------------|---|
| ECO 210 | Macroeconomics | 3 |
|---------|----------------|---|

Total 16

Third Semester – Summer

| | | |
|---------|--------------------------|---|
| AET 110 | Architectural Graphics I | 3 |
|---------|--------------------------|---|

| | | |
|---------|---------------------|---|
| EGT 152 | Fundamentals of CAD | 3 |
|---------|---------------------|---|

| | | |
|---------|--------------------------|---|
| EGT 210 | Engineering Graphics III | 4 |
|---------|--------------------------|---|

| | | |
|---------|-----------------------------------|---|
| EGT 220 | Structural and Piping Application | 4 |
|---------|-----------------------------------|---|

Total 14