

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

EGT 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
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or

EGT 109	Introduction to Engineering Design Graphics	3
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CET 120	Construction Materials	3
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CPT 101	Introduction to Computers	3
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or

EGR 110	Introduction to Computer Environment	3
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ENG 101	English Composition I	3
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Total 12

Second Semester – Spring

AET 202	History of Architecture	3
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EGT 115	Engineering Graphics II	4
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EGT 151	Introduction to CAD	3
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HSS 201	Issues in Humanities	3
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PSY 201	General Psychology	3
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or		
ECO 210	Macroeconomics	3

Total 16

Third Semester – Summer

AET 110	Architectural Graphics I	3
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EGT 152	Fundamentals of CAD	3
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EGT 210	Engineering Graphics III	4
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EGT 220	Structural and Piping Application	4
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Total 14