ENGINEERING GRAPHICS CERTIFICATES

Catalog 2020-2021

INTRO TO AUTOCAD

- CAD 101 (3) COMPUTER AIDED DRAFTING I
- CAD 102 (3) COMPUTER AIDED DRAFTING II

SOLIDWORKS

- CAD 256 (6) SOLIDWORKS BASICS
- CAD 257 (6) SOLIDWORKS INTERMEDIATE
- CAD 258 (6) SOLIDWORKS ADVANCED

REVIT

- CAD 224 (3) REVIT ARCHITECTURE
- CAD 227 (3) ADVANCED REVIT ARCHITECTURE

RED ROCKS COMMUNITY COLLEGE

ENGINEERING GRAPHICS **MECHANICAL** CERTIFICATE

Total of 12 credits

- CAD 256 (6) SOLIDWORKS BASICS
- EGT 103 (3) APPLIED DIMENSION AND TOLERANCE
- CAD 257 (6) SOLIDWORKS INTERMEDIATE
- CAD 258 (6) SOLIDWORKS ADVANCED

ENGINEERING GRAPHICS **CIVIL** CERTIFICATE

Total of 15 credits

- CAD 101 (3) COMPUTER AIDED DRAFTING I
- GIS 101 INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS (3)
- CAD 233 (3) CIVIL 3D
- EGT 143 (3) CIVIL/ SURVEY DRAFTING I (3)

ENGINEERING GRAPHICS **ARCHITECTURAL** CERTIFICATE

Total of 30 credits

- CAD 101 (3)
- CAD 102 (3)
- AEC 101 BASIC ARCH DRAFTING (4)
- AEC 102 RESIDENTIAL CONSTRUCTION DRAW (4)
- CAD 115 SKETCH UP (3)
- AEC 202 ARCHITECTURAL DESIGN AND ANALYSIS (4)
- AEC 121 CONSTRUCTION MATERIALS (3)
- CAD 224 REVIT BASIC (3)
- ELECTIVES
- AEC 218 SUSTAINABLE BUILDING SYSTEMS (3)
- CAD 227 REVIT ADVANCED (3)

CAD 102 or permission of Instructor