

## COGSWELL POLYTECHNICAL COLLEGE

### Software Engineering

CPC Credits

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Engineering Courses (65 Credits)

4 SE 110 C Programming

Total SE

Innovation Management (6 Credits)

General Education (59 Credits)

3 EN 100 Composition

3 HU 170 US History

or

SS 100 US Government

3 SS 123 World Cultures

6 HU Electives

3 SS Elective

6 EN/HU/SS Electives

4 MA 133 Calculus I

4 MA 134 Calculus II

4 MA 235 Calculus III

4 SC 145 College Physics I

4 SC 155 College Physics II

Total GE

## GROSSMONT COLLEGE

Recommended Comparable Courses

Transferred Credits

4 CSIS 296

Intro to C++ Programming

4

3 ENGL 120

College Composition and Reading

HIST 108 and 109 (6 c Early and Modern American History

or

3 POSC 121

Intro to U.S. Government and Politics

3 ANTH 120

Cultural Anthropology

6 Humanities Electives\*

3 Social Sciences Electives\*

6 English, Humanities or Soc. Sci. Electives\*

5 MATH 180

Analytic Geometry and Calculus

4 MATH 280

Analytic Geometry and Calculus

4 MATH 281

Intermediate Calculus

6 PHYC 140 and 240

Mechanics , Electricity, Magnetism

6 PHYC 240 and 241

Heat,Light, Wave Motion and Modern Physics

49

\* CAN and IGETC Courses are recommended for all electives

