

COGSWELL POLYTECHNICAL COLLEGE

Electrical Engineering

CPC Credits

Engineering Courses (62 Credits)

4 SE 110 C programming

General Education (66 Credits)

3 EN 100 English 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

7 SC Electives

Total EE

Total GE

GROSSMONT COLLEGE

Recommended Comparable Courses

Transferred Credits

4 CSIS 296

Intro to C++ Pro+J43gramming

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

7 Science Electives*

56

* CAN and IGETC Courses are recommended for all electives

