### Grove City College Status Sheet

Status Sheets are provided as a convenience for the student and may be helpful for recording completed courses. However, the College Bulletin is the controlling authority on all requirements. Questions should be directed to your academic advisor or the Registrar.

<table>
<thead>
<tr>
<th>Name:</th>
<th>ID#:</th>
<th>Date:</th>
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</thead>
</table>

#### Year of Anticipated Graduation:

- **TOTAL HOURS REQUIRED FOR THIS DEGREE:** 132 HOURS
- **HUMANITIES CORE** ........................................... 18-21 HOURS
  - HUMA 101 Civilization
  - HUMA 102 Biblical Revelation
  - RELI 211 OT Lit & History AND RELI 212 NT Lit & History
  - HUMA 201 Speculative Mind
  - HUMA 202 Literature
  - HUMA 301 Arts
  - HUMA 302 Internal Perspective
- **STUDIES IN SCIENCE, FAITH & TECHNOLOGY (SSFT)** .................................. 3 HOURS
  - Choose one course from the following:
    - PHIL 243 Foundations of Science
    - SSFT 210 Science & Religion
    - SSFT 212 Science, Faith, Technology & Origins

- **FOUNDATIONS OF THE SOCIAL SCIENCES** ........................................ 3 HOURS
  - Choose one social science course from the following:
    - ECON 120 Foundations of Economics
    - EDUC 201 Foundations of Education I
    - POLS 101 Foundations of Political Science
    - PSYC 101 Foundations of Psychology
    - SOCI 101 Foundations of Sociology

- **MAJOR-RELATED REQUIREMENTS** .................................................... 41 HOURS
  - **MATH/SCIENCE REQUIREMENTS** .................................................. 33 HOURS
    - MATH 161 Calculus I
    - MATH 162 Calculus II
    - MATH 261 Calculus III
    - MATH 262 Differential Equations
    - MATH 274 Adv Engr Math for EE (or MATH 211, MATH 222, and MATH 331)
    - CHEM 105 Chemistry for Engineers
    - PHYS 101 General Physics I
    - PHYS 102 General Physics II
    - **Math/Science Elective (BIOL 101, 102, CHEM 227, 241, 345, MATH 211, 222, 331, PHYS 206, 222, 234)**
      - 3
  - **ENGINEERING (ENGR) CORE** ...................................................... 8 HOURS
    - ENGR 136 Comp for Engr
    - ENGR 156 Intro to Engineering
    - ENGR 402 Engineering Economy

- **ELECTRICAL AND COMPUTER ENGINEERING REQ’S** .................................. 30 HOURS
  - ELEE 201 Linear Circuits I
  - ELEE 202 Linear Circuits II
  - ELEE 204 Digital Logic Design
  - ELEE 251 Experimental Elect. Engr.
  - ELEE 252 Experimental Elect. Engr.
  - ELEE 301 Electronics I
  - ELEE 302 Signal Analysis
  - ELEE 451 Experimental Elect. Engr.
  - ELEE 452 Experimental Elect. Engr.
  - COMP 220 Computer Prog. II

- **ELECTRICAL ENGINEERING CONCENTRATION (EEEEE)** .......................... 35 HOURS
  - Core Requirements ................................................................. 11 HOURS
    - ELEE 302 Electronics II
    - ELEE 303 Electrical Machines
    - ELEE 304 Electromagnetic Theory
    - ELEE 352 Experimental EE
  - Select two of the following intermediate electives or select one course from the following intermediate electives and an additional course from the math/science electives ........................................ 6 HOURS
    - COMP 222, 342, ELEE 306, 310, 333, 334, 390, ENGR 390
    - ELEE 390, 404, 421, 431, 441, 499, ENGR 390
  - Select 10 hours from the following advanced electives: .................................. 10 HOURS
    - ELEE 390, 404, 421, 431, 441, 499, ENGR 390
  - Select two of the following advanced electives: ............................................ 8 HOURS
    - ELEE 422, ELEE 432, ELEE 442

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*(REVISED 4/29/05)*

**Entering in 2005**

**B.S. in Electrical Engineering w/EEEE**

**Electrical Engineering Concentration Entering in 2005**

Minimum CQPA and MQPA required to graduate: 2.00

MQPA Courses: ELEE; ENGR 390; COMP 220, 222, & 342
FOUR-YEAR PLAN FOR ELECTRICAL ENGINEERING MAJORS
ELECTRICAL ENGINEERING CONCENTRATION (EEEE)

<table>
<thead>
<tr>
<th>FRESHMAN YEAR</th>
<th>SOPHOMORE YEAR</th>
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<tbody>
<tr>
<td><strong>1st Sem.</strong></td>
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<tr>
<td>Mathematics 161-162</td>
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<tr>
<td>Chemistry 105</td>
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<tr>
<td>Physics 101-102</td>
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<tr>
<td>Engineering 136</td>
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<td>Engineering 156</td>
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<td>Physical Education</td>
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<tr>
<th>JUNIOR YEAR</th>
<th>SENIOR YEAR</th>
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<tr>
<td><strong>1st</strong></td>
<td><strong>2nd</strong></td>
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<tr>
<td>Electrical Engineering 301</td>
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<tr>
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<td>Electrical Engineering 351-352</td>
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<tr>
<td>Intermediate Electives</td>
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<td>Humanities 301-302</td>
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<tr>
<td>Mathematics 274</td>
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* Computer 220 and the Math-Science elective can be taken in either semester

Students are expected to use this status sheet in conjunction with the College Bulletin, and to contact their advisors for a detailed schedule of courses recommended to meet requirements for a major.

TOTAL CREDIT HOURS REQUIRED = 132

4/29/05