

**Transfer Program of Study for PENG, GTREP, and RETP**

This program of study mirrors that of Georgia Tech. Students transferring a college or university other than Georgia Tech should follow that institution's program of study. Students are not required to complete the program of study before transferring, and as with all transfer programs, requirements for degree completion are determined by the degree-granting institution.

**Core Area A - Essential Skills** **9 hours**

ENGL 1101 - English Composition I \_\_\_\_\_  
 ENGL 1102 - English Composition II \_\_\_\_\_  
  
 MATH 1161 - Calculus I \_\_\_\_\_

**Core Area B - Institutional Options** **3 hours**

CSCI 1301 - Programming Principles \_\_\_\_\_  
 or  
 ENGR 1371 - Computing for Engineers \_\_\_\_\_

**Core Area C - Humanities/Fine Arts** **6 hours**

PHIL 2251 - Introduction to Ethics & Contemporary Moral Philosophy \_\_\_\_\_  
  
 And one course selected from:  
 ARTS 1100 - Art Appreciation \_\_\_\_\_  
 MUSC 1100 - Music Appreciation \_\_\_\_\_  
 THEA 1200 - Introduction to Theatre \_\_\_\_\_  
 ENGL 2100 - Literature and Humanities \_\_\_\_\_

**Core Area D - Science, Math, and Technology** **12 hours**

CHEM 1211/1211L - Principles of Chemistry I \_\_\_\_\_  
 CHEM 1212/1212L - Principles of Chemistry II \_\_\_\_\_  
 or  
 PHYS 2211/2211L - Principles of Physics I \_\_\_\_\_  
 PHYS 2212/2212L - Principles of Physics II \_\_\_\_\_  
 and  
 MATH 2072 - Calculus II \_\_\_\_\_

**Core Area E - Social Sciences** **12 hours**

One course selected from:  
 ECON 2105 - Principles of Macroeconomics \_\_\_\_\_  
 ECON 2106 - Principles of Microeconomics \_\_\_\_\_  
  
 One course selected from:  
 POLS 1100 - Political History of America and Georgia \_\_\_\_\_  
 HIST 2111 - History of America to 1877 \_\_\_\_\_  
 HIST 2112 - History of America since 1865 \_\_\_\_\_  
  
 Two courses selected from:  
 ANTH 1102 - Introduction to Anthropology \_\_\_\_\_  
 HIST 1111 - Civilization I \_\_\_\_\_  
 HIST 1112 - Civilization II \_\_\_\_\_  
 POLS 1200 - Ethical Theories and Moral Issues In Government \_\_\_\_\_  
 PSYC 1101 - Introduction to Psychology \_\_\_\_\_  
 SOCI 1101 - Introductory Sociology \_\_\_\_\_

**Additional Courses**

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**Wellness** **3 hours**

PEBC 2000 - Concepts of Fitness \_\_\_\_\_

**Major Field Courses**

for Electrical and Computer Engineers:  
 ENGR 1100 - Introduction to Engineering \_\_\_\_\_  
 ENGR 2030 - Introduction to Computer Engineering \_\_\_\_\_  
 ENGR 2025 - Introduction to Signal Processing \_\_\_\_\_  
 ENGR 2031 - Digital Design Laboratory \_\_\_\_\_  
 ENGR 3100 - Circuit Analysis \_\_\_\_\_

for Civil Engineers:  
 ENGR 1100 - Introduction to Engineering \_\_\_\_\_  
 ENGR 1170 - Engineering Graphics \_\_\_\_\_  
 ENGR 2000 - Introduction to Engineering Materials \_\_\_\_\_  
 ENGR 2001 - Statics \_\_\_\_\_  
 ENGR 2202 - Dynamics \_\_\_\_\_  
 ENGR 3322 - Fundamentals of Thermodynamics \_\_\_\_\_

for Mechanical Engineers:  
 ENGR 1100 - Introduction to Engineering \_\_\_\_\_  
 ENGR 1170 - Engineering Graphics \_\_\_\_\_  
 ENGR 2000 - Introduction to Engineering Materials \_\_\_\_\_  
 ENGR 2010 - Computational Modeling \_\_\_\_\_  
 ENGR 2001 - Statics \_\_\_\_\_  
 ENGR 2110 - Creative Decisions and Design \_\_\_\_\_  
 ENGR 2202 - Dynamics \_\_\_\_\_  
 ENGR 3322 - Fundamentals of Thermodynamics \_\_\_\_\_

**Additional Courses Required by Major**

MATH 2083 - Calculus III \_\_\_\_\_  
 MATH 2160 - Applied Linear Algebra \_\_\_\_\_  
 MATH 3411 - Differential Equations \_\_\_\_\_  
  
 CHEM 1211/1211L - Principles of Chemistry I \_\_\_\_\_  
 CHEM 1212/1212L - Principles of Chemistry II \_\_\_\_\_  
 or  
 PHYS 2211/2211L - Principles of Physics I \_\_\_\_\_  
 PHYS 2212/2212L - Principles of Physics II \_\_\_\_\_  
  
 for Electrical and Computer Engineers:  
 CSCI 1302 - Advanced Programming Principles \_\_\_\_\_  
  
 for Computer Engineers only:  
 CSCI 2410 - Data Structures and Algorithms \_\_\_\_\_  
  
 for Civil Engineers:  
 BIOL 1107 - Principles of Biology I \_\_\_\_\_

**Additional Courses**

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