WHAT CAN I DO WITH MY ENGINEERING DEGREE?

CHEMICAL/BIOCHEMICAL ENGINEERING
≡ Agricultural Chemical Co. ≡ Food Processors ≡ Government
≡ Petroleum Co. ≡ Plastics Co. ≡ Fuel Co.
≡ Paper/Pulp Industry

Research & Development (Universities, Research Institutes, Industry)
≡ Development Engineer ≡ Asst. Research Engineer ≡ Petroleum Research Engineer
≡ Chemical Engineer ≡ Consumer Product R&D Designer

Design and Construction (Chemical Manufacturers)
≡ Project Engineer ≡ Field Engineer ≡ Automation Engineer
≡ Asst. Design Engineer ≡ Process Design Engineer ≡ Chemical Engineer
≡ Process Engineer ≡ Product Designer ≡ Test Technician
≡ Designer Draftsperson ≡ CAD Technician

Operations / Production (Manufacturers)
≡ Business Coordinator ≡ Production Engineer ≡ Chemical Engineer
≡ Project Engineer ≡ Production Planner ≡ Production Manager
≡ Field Technician ≡ Quality Control Technician ≡ Quality Assurance Engineer
≡ Reliability Engineer ≡ Materials Manager ≡ First Line Supervisor
≡ Manufacturing Engineer ≡ Supplier Quality Engineer

Environment and Waste Management (Chemical Companies, Government)
≡ Environmental Specialist ≡ Environmental Engineer ≡ Safety Officer
≡ Environmental Control Engineer ≡ Chemical Engineer ≡ Project Engineer
≡ Environmental Protection Officer ≡ Environmental Risk Assessor ≡ Process Engineer

MECHANICAL ENGINEERING
≡ Auto Industry ≡ Mining Industry
≡ Petroleum/Fuel Industry ≡ Chemical Co. ≡ Textile Manufacturers
≡ Machinery/Tool Manufacturers Utilities ≡ Government
≡ HVAC Industry ≡ Engineering Design/Consulting Co.

Transportation
≡ Transportation Industry Consultant ≡ Automotive Engineer ≡ Transportation Engineer
≡ Highway Engineer

Energy
≡ Thermal Engineer ≡ Solar Engineer ≡ Energy Specialist
≡ Applications Engineer

Manufacturing / Production Operations / Maintenance
≡ Plant Engineer ≡ Test Engineer ≡ Process Engineer
≡ Applications Engineer

Machines/Mechanical Design
≡ Mechanical Technologist ≡ Mechanical Engineer ≡ Mechanical Technician
≡ Mechanical Engineering Technician ≡ Mechanical Design Engineer ≡ Design Engineer

Health
≡ Biomechanics Engineer ≡ Sanitary Engineer ≡ Public Health Engineer

OTHER ENGINEERING-RELATED

Government
≡ Project Engineer ≡ Chemical Engineer ≡ CIA Engineer
≡ Peace Corps Volunteer ≡ Patent Reviewer ≡ Mechanical Engineer
Human Resources
≡ Technical Recruiter ≡ High Tech Head Hunter
Sales / Marketing
≡ Sales Engineer ≡ Technical Sales Rep. ≡ Trade Show Organizer
≡ High Tech Marketing Specialist ≡ Product Engineer ≡ Technical Representative
≡ Applications Engineer ≡ Product Manager ≡ Marketing Research Analyst
Publishing
≡ Technical Writer ≡ Assistant Textbook Editor

OPERATIONS RESEARCH / MODELING
Consulting Firms, Large Corporations, Government, Research Organizations
≡ Research Assistant ≡ Analyst Assistant ≡ Market Forecaster

BANKING / REAL ESTATE / INSURANCE / FINANCE
≡ Assistant Loan Officer ≡ Mortgage Broker ≡ Credit Analyst
≡ Operations Manager ≡ Systems Consultant ≡ Appraiser
≡ Mortgage Banker/Officer ≡ Real Estate Analyst/Broker ≡ Underwriter
≡ Claims Adjudicator ≡ Insurance Broker ≡ Insurance Agent
≡ Claims Rep / Examiner ≡ Securities Analyst ≡ Financial Analyst
≡ Commodity Broker

MANUFACTURING - PURCHASING & MATERIALS MGT.
≡ Operations Research Analyst ≡ Assistant Buyer ≡ Traffic Manager
≡ Inventory Manager ≡ Line Supervisor ≡ Production Manager
≡ Assistant Quality Assurance Manager ≡ Purchasing Agent ≡ Contract Agent/Manager
≡ Industrial/Wholesale Buyer ≡ Purchasing Price Analyst ≡ Cost Estimator
≡ Commodity Broker

KEEP IN MIND...
This list is just a brief introduction to your career options - it is not a complete list! Also keep in mind that although these career fields are open to you as an engineering major, you must take extra steps to prepare yourself for a competitive job market. It is important to:
(1) obtain relevant internship, co-op, or volunteer experience (see CC about their part-time, major-related job announcements; the Shriver Center about co-op, internship, and service opportunities; and Community Outreach about their volunteer programs) and
(2) supplement your engineering course work with classes that would be relevant and beneficial to your chosen career field.

Make an appointment with a career advisor for suggestions on researching your career options, choosing a career field, and preparing for your chosen occupation.

ADDITIONAL RESOURCES
Internet sites: that allow you to explore career options for Engineering degree:

Career Center: Books/Resources (MP 212)
Resumes For Engineering Careers
Great Jobs For Engineering Majors
Studying Engineering
Vault Guide to Electrical Engineering

National Associations offer information of interest to engineering majors:
American Institute of Chemical Engineers (www.aiche.org)
American Society of Mechanical Engineers (www.asme.org)
National Society for Professional Engineers (www.nspe.org)
National Society of Black Engineers (www.nsbe.org)