Engineering
My Job in the Air Force
“Engineering is the science and art of applying scientific and mathematical principles, experience, judgment, and common sense to design things that benefit society.” [2]
10 Reasons to be an engineer

1. Love your work, AND your life too!
2. Be Creative
3. Work with great people.
4. Solve problems, design things that matter.
5. Never be bored.
6. Make a big salary.
7. Enjoy job flexibility.
8. Travel.
9. Make a difference.
10. Change the world.

http://www.engineeryourlife.org
Fun with Engineering
CIVIL ENGINEERING
Chemical Engineering

Semiconductor Manufacturing

Vaccine Manufacturing
(isolated from cells)
BIOMEDICAL ENGINEERING
COMPUTER SCIENCE
MATERIAL SCIENCE
Electrical and Computer Engineering
Fields of Electrical Engineering

Signal Processing

Communications
Fields of Electrical Engineering

Control Systems
Fields of Electrical Engineering

Microwaves and Electromagnetics

Optics
Fields of Electrical Engineering

Very Large Scale Integrated System Design

Microfab Lab
<table>
<thead>
<tr>
<th>Curriculum</th>
<th>Bachelor Degree Hourly wage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bioengineering</td>
<td>$24.25</td>
</tr>
<tr>
<td>Chemical</td>
<td>$26.90</td>
</tr>
<tr>
<td>Civil</td>
<td>$21.84</td>
</tr>
<tr>
<td>Computer Science</td>
<td>$26.23</td>
</tr>
<tr>
<td>Electrical and Computer</td>
<td>$25.94</td>
</tr>
<tr>
<td>Materials Science</td>
<td>$25.49</td>
</tr>
<tr>
<td>Mechanical</td>
<td>$25.11</td>
</tr>
</tbody>
</table>

Table 1: Engineering Salaries [1]
Corporations Founded by U of U Graduates

TRW
ATARI
E&S Evans & Sutherland
Adobe
Sarcos
Cirrus Logic
Engineers work with smart, inspiring people to invent things that improve the world!