Mechatronics = Mechanics + Electronics

Michael Soltys
Computer Science

April 19, 2016
Our Focus: Small Robotics
Engineering needs in Ventura
Enrollment & SFR

- We want controlled growth.
- Each year we admit 24 students (will reserve some spots for transfers).

<table>
<thead>
<tr>
<th>Year</th>
<th>Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1</td>
<td>24</td>
</tr>
<tr>
<td>Year 2</td>
<td>48</td>
</tr>
<tr>
<td>Year 3</td>
<td>72</td>
</tr>
<tr>
<td>Year 4</td>
<td>96</td>
</tr>
<tr>
<td>Year 4+</td>
<td>96</td>
</tr>
</tbody>
</table>

- SFR at about 20, like CS
Additional Resources

- Considerable resources in place:
  - 70% curriculum covered currently
  - Engineers in CS: DC, JI, AJ, MS
  - Sierra Labs (Robotics & Embedded systems)
  - 0.5 million from Sacramento
  - Navy promised equipment and VC use of their Manufacturing Lab.

- But we will hire a faculty each year for the next 3 years
- We need a lab technician and support staff
- About 24K in operational costs every year