Senior Design Practicum

Justifying Costs
Minimum Fee Breakdown

$10,000

• $4,500 – Administration
• $1,000 – Advisor Fee
• $4,500 – Direct Project Costs
$10,000

Adjusted for tax benefits

• Assuming 35% Corporate Tax Rate
• Applied only to Administration and Advisor Fees ($5,500)
• Results in $1,925 savings
• Effective fee reduced to $8,075
**Labor** (covered within the total fees)

- **2250 Student Hours**
  - 5 students @15 hours per week for 30 weeks
- **30 Hours Graduate Teaching Assistant**
- **30 Hours Direct Faculty Advisor**
Equivalent Labor Costs without Senior Design

- 2250 Intern Hours @ $18 per hour  
  – $40,500

- 30 Hours Teaching Assistant @ $35 per hour  
  – $1050

- 30 Hours Faculty Advisor @ $90 per hour  
  – $2700
Materials (Covered in the total fees)

• $4,500 available (more can be added)

• Purchased without sales tax
  – Add approximately 5%

• Many parts donated or severely discounted
  – Conservative estimate gives additional 25% value

• These benefits add $1,350 in purchasing power
Added Benefit –
Using Project for Recruiting

• Save typical recruiting fee
  – 25% 1st Year Salary ~ $13,750
• Have 30 weeks to evaluate five candidates
Adjusted Investment
$8,075
Equivalent Project Value
$50,100 (plus recruiting)