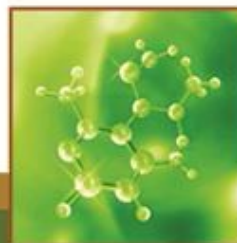


Senior Design Practicum

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)

