Senior Design Project
Basis for Evaluation and Grading

Team Performance and Deliverables:

• Design: solid analysis-based engineering, at BSEE/CpE level.
• Efficient design, i.e. not over- or under-designed
• Meets the specifications and expectations of project sponsor
• On time and under or on budget
• Proactive: took ownership of project and showed initiative throughout
• Overcame challenging problems, arrived at innovative solutions
• Obtained and made use of all available resources
• Anticipated needs, requested/ordered in advance, avoided delays
• Communications: kept everyone with “need to know” in the loop
• Implemented to a logical conclusion (not just "on paper")
• It works!  i.e. could implement/apply/use in industry with little rework

Individual Performance:

• Contributed fair share to team’s effort (hours worked and productivity)
• Balanced contribution, both technical and non-technical
• Dependable, on time, completed agreed-upon work correctly/on time.
• Delivered during crunch time (there when it counted)
• Professional and personal growth, took on challenges, prevailed
• Developed hard and soft skills as defined by Sr. Design Program
• Displayed initiative, took ownership, pride in accomplishments
• Worked well with teammates, resolved debates, conflicts.

Just like at any workplace, deliverables may be judged in a somewhat quantitative way, but team and individual evaluation is largely qualitative:

Deliverables:

• Final Report, Symposium Presentation, Poster
• Deliverables, use of budget, following schedule, deadlines
• Project Archive

Team and Individual Performance & Evaluation:

• Intra-team evals of each individual, team members’ perceptions
• Project sponsor’s evaluation of project, perception
• Faculty evaluation, perception