2013 Ratings by Employers for Learning Outcomes Achieved by Recent CEM Graduates

A. Apply knowledge of mathematics, science, business principles and engineering...
B. Design and conduct experiments including analysis and interpreting data.
C. Design a system, component, or process to meet desired needs.
D. Function on multi-disciplinary teams.
E. Identify, formulate, and solve engineering problems.
F. Understand professional and ethical responsibility.
G. Communicate effectively.
H. Understand impact of engineering solutions in global/societal context.
I. Recognize need for, and able to engage in, lifelong learning.
J. Knowledge of contemporary issues.
K. Use techniques, skills and modern engineering tools necessary for practicing...
L. Understand basic concepts in leadership and teamwork.
M. Include non-engineering considerations in problem solving.
N. Incorporate effective negotiation or consensus-gaining in group decision making.
O. Know and apply project planning, monitoring, and managing practices and tools.
P. Able to assess imperfect or incomplete data conditions, risk and alternatives, and...
Q. Know current industry design practices, construction methods and materials, and...