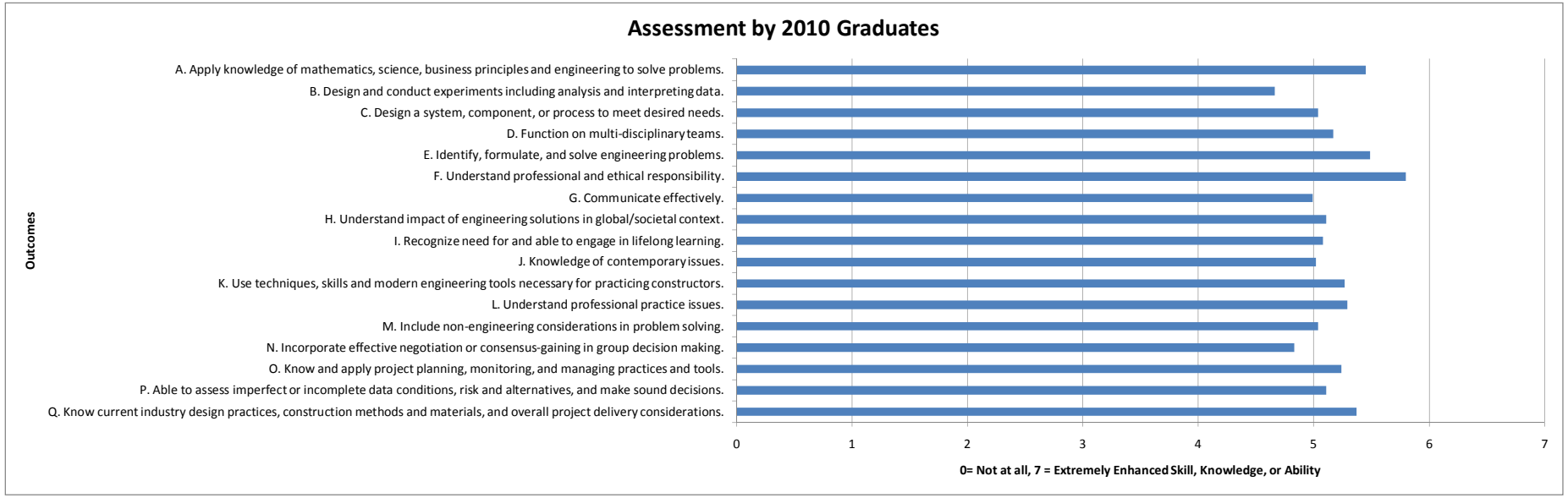
Assessment by 2010 Graduates
Outcomes
A. Apply knowledge of mathematics, science, business principles and engineering to solve problems.
B. Design and conduct experiments including analysis and interpreting data.
C. Design a system, component, or process to meet desired needs.
D. Function on multi-disciplinary 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 constructors.
L. Understand professional practice issues.
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 make sound decisions.
Q. Know current industry design practices, construction methods and materials, and overall project delivery considerations.
0
1
2
3
4
5
6
7
0= Not at all, 7 = Extremely Enhanced Skill, Knowledge, or Ability