Engineering Design Decision Matrix

College | Engineering | Introductory

Learner: _____ Date: _____

Compare three design options using the same criteria. Assign weights first, then score each option and explain the tradeoff.

CRITERIA AND WEIGHTS

OPTION A: SCORES AND EVIDENCE

OPTION B: SCORES AND EVIDENCE

OPTION C: SCORES, EVIDENCE, AND DECISION

Grown-up note: Use the same scoring scale for every option. A high total supports a decision, but safety requirements and hard constraints still take priority.

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