

**Table 3-1 Relationship of Student Outcomes to PEOs**

<b>Program Educational Objectives</b>	<b>Strategy/Action in program</b>	<b>Student Outcomes</b>
PEO A: practice materials engineering in a broad range of industries including materials production, semiconductors, medical/environmental, consumer products, and transportation products.	Provide a foundation in mathematics, science and hands-on engineering with a focus on MSE core competencies including communication and interpersonal skills  Emphasize how materials engineering impacts our world	a-k
PEO B: engage in advanced study in materials and related or complementary fields	Provide experiences that foster self-directed learning and critical thinking.  Provide opportunities to tackle open-ended problems and perform research.	a, b, e, f, g, i, k