PARTNERSHIP FOR INNOVATION PROGRAM (PIP)/HISPANIC ENTREPRENEURIAL PROGRAM FOR INNOVATION (HEPI)

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The purpose of the program is to transform the existing programs in the Schools of Engineering and Science and Technology through the efforts of a strong university/industry/government innovation partnership. The main goal of this partnership is to revise the engineering and sciences curriculum to incorporate active learning and integration of the engineering and sciences educational experience while addressing industry’s need for engineers and other STEM field professionals with strong technical, communication, interpersonal, and business skills directed toward innovation. The project focuses on the introduction, modeling and sustainability of the Michigan Technological University (MTU)

➢ Enterprise Program model within a unique Hispanic setting at UT. The objectives of the UT PIP/HEPI are to: (1) create an environment for students to facilitate the transition from their undergraduate/graduate programs to the professional work force while providing opportunities for students and faculty to develop leadership and entrepreneurial skills in a learning setting that closely resembles an industrial or professional environment; (2) provide Hispanic STEM students exposure to the rewards and accountability associated with creating new products and working with paying clients; and, (3) utilize the students' fundamental background in science and engineering
in the context of a problem when non-technical issues, such as cost or societal impacts, are of equal importance.