

Proposal – A New Management Department at NMT

Back in 2020, the Business and Technology Management (BTM) department and the Computer Science & Engineering (CSE) department were merged, mainly to save money, but also to regain synergies between the two departments to make the Information Technology (IT) program & major stronger. However, after over four years, it has been proved that the expected synergies arehave proven to be difficult to fruitrealize, mostly due to a lack of flexibility in the existing CSE/IT curriculums (including limited resources for developing new courses) and a lack of consensus regarding a future vision for the IT program. Currently, the IT program requires only three 400-level courses (MGT 462/466/472) from the BTM curriculum, plus an MGT/IT joint capstone project. Given the difficulty with the existing curriculum and the lack of other collaborations between BTM and CSE faculty, BTM faculty propose to form a new department to:

- a. Potentially **develop** a new information management/business analytics major, staying related to the current CSE/IT program but having a separate and new curriculum.
- b. **Harness** the new trend in energy transition and sustainability management byand developing a minor in energy and sustainability analytics (and then a major in the same area if there is proven demand).
- c. Further **develop** our existing strength in engineering management (MEM & MSEM & new concentrations) and business management (BA in BMGT & BS in EMGT), along with the proposed new minors in economics and entrepreneurship.

Overall, the new department will be able to leverage existing academic resources at NMT, better collaborate with other academic departments and research units (especially EES, Petroleum, Mineral, MATH, CEE, CLASS-Design Faculty, PRRC, Bureau, and ICASA), and grow NMT's academic uniqueness into the technology leadership, economic development, and public policy arenas. It will also help the department itself and affiliated faculty to develop an academic reputation and assemble expertise branding in NM and neighboring regions.