Course Number MER-201-01 **Course Description** A basic engineering mechanics course concerned with the equilibrium of non-deformable bodies at rest or moving with a constant velocity on a straight path. Free body diagrams, Newtonian mechanics, vectors and the calculus are used to solve problems throughout the course. Topics include force vectors and systems, equilibrium, trusses, frames, friction, center of gravity, centroids, moments of inertia and fluid hydrostatics. Academic Term 20/FA Instructor Tchako, Abraham Location & Meeting Time Asynchronous Online-ONLI LEC Petition Ν Credits 1.00 Capacity 24 **Total Students** 12 Additional Information http://cs.union.edu/me_dept/me_dept.html Academic Department Mechanical Engineering Field Of Study Mechanical Engineering (MER)