The image is a flowchart representing a course of study for a Mechanical Engineering program at LSU for the 2017-2018 academic year. The flowchart outlines the required courses and credit hours for an eight-semester path to graduation. It includes prerequisites, co-requisites, and graduation requirements. The flowchart is designed to ensure that students follow a sequence of courses that meet the degree requirements. The chart is marked with symbols and codes indicating credit hours, course titles, and academic years.