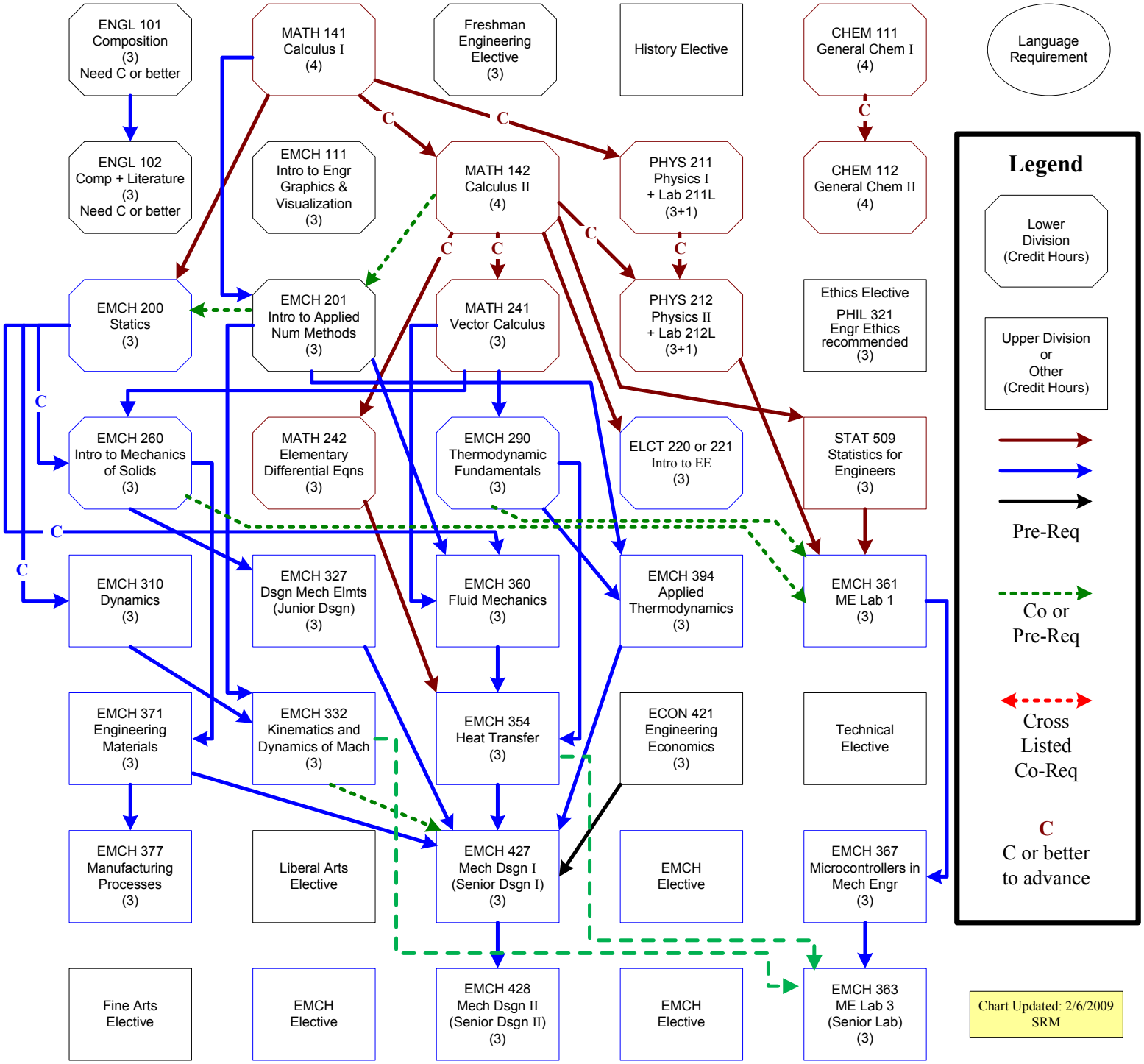Mechanical Engineering Curriculum