Statement of Justification:
Under the umbrella of the general justification given separately in this folder, this course is an intermediate first year course that is designed for students who intend to major in health sciences (medical school, nursing, laboratory technicians, etc., ) and technology related (non-engineering) fields. PHYS 1401 is a non-calculus based course that covers the basic principles of mechanics, fluid flow and thermal Physics. The course has both a lecture and a Laboratory component. The lecture aspect of the course offers students the opportunity to develop the critical thinking and analytical skills required to understand the basic physical laws of nature as well as their relevance to their everyday experiences.

On the laboratory side, experiments closely related to theoretical topics covered in class, enable Students to gain hands-on experience, as well as teamwork, quantitative and presentation/communication skills.