REQUEST TO APPLY COURSE TO G.E. OR CODE REQUIREMENTS

1. Alphabetical prefix in capital letters, number, full title, and unit value of course.
   ENGR, 1011, Introduction to Engineering, (3), Two hours Lecture 3 hours Lab.
   Course Description.

   Introduction to Engineering (3)
   This course introduces students to the engineering profession and creative engineering problem-solving through hands-on design projects, presentations, and activities. It will familiarize students with various engineering disciplines and will discuss the engineering design process. The course will analyze the effect of engineering design choices on sustainability and other environmental issues. Efficient use of resources in engineering designs, the concepts of design for manufacturability, design for reuse and logistics of recycling will be explored.

2. G.E. Requirement or section of Code Requirement to which assignment is requested.
   Apply the course to natural science G.E. area B3 requirement.
   Justification for requested G.E. or Code assignment.

   The course satisfies the requirements for area B5. An introduction to various engineering disciplines is given. Students work on introductory engineering design projects and get exposed to real world constraints and effects of design choices on cost, time, and the environment. Environmental issues resulting from engineering projects are explored. Sustainability and design for reuse will be discussed. This course is proposed as part of the Healthier Living Cluster for Engineering Students.

3. Other courses in the department meeting this G.E. or Code requirement.
   NA

4. Certification of chair of faculty review body
   Chair: __________________________  Date: _______________________

   Certification of school approval by the dean.
   Dean/Associate Dean: __________________________  Date: __________________