Design Project Concept Statement

Project Title

(As descriptive as possible in one line, or one line plus a subtitle)

The purpose of this project is to design a (system, component, device, product, etc.) for (application, need, or function. Expand, if necessary, in a couple of sentences.) Optional: Our motivation for this project is (a newly recognized need; improved capabilities of new technology; marketing opportunity, incredibly creative approach to solving an existing problem, etc.) Stakeholders who will use, be interested in, and/or be impacted by the design include: (list those who might help to define design requirements and specifications).

Major goals of the design include:
• (List and describe the needs or requirements that will drive the design; distinguish between essential and optional goals or features.)

The primary constraints on the design are:
• (List the constraints you can identify at this time; obviously developing detailed constraints will be part of the project activity. Constraints might include: technical, economic, including competition, alternative approaches, environmental, safety, manufacturability, etc.)

Special project needs or capabilities:
• (If applicable, identify special tools, instruments, facilities, software, or travel needed for this project. Also identify any special resources available, industry contacts, donations, etc.)

The project team consists of:
• (List names, major, year, email; indicate the present primary contact person.)

The project will be supervised by (Give faculty name(s) department(s), email(s), and have them sign this form to indicate their willingness. Note that the faculty supervisor(s) should commit to meeting with the team for at least one hour per week.)