

FUNDING AVAILABLE FOR STUDENT PROJECTS

WIGHTON ENGINEERING DEVELOPMENT FUND

In the eighties of last century Dr. John Wighton established a fund, the purpose of which was to help to increase the practicality of student projects in engineering schools and this way increase the probability of successful starting up companies. Several conditions were imposed on the character of projects. One is that that the project must be conceived by students, second condition is that the project must have engineering character with a product in mind. Projects benefitting society, particularly disadvantaged minorities, may be treated preferentially. To be funded all projects must present a carefully prepared budget for materials, components, subassemblies, and in special cases subcontracts to outside organizations. Student's salaries are not funded. Projects may be individual non-credit, individual credit (e.g. special project course) and Cap-stone Engineering Project courses. Outside funded projects are not eligible for Wighton funding.

The projects are funded on competitive basis, so you (as an individual or a group) must submit project proposal. Proposals are evaluated by an *ad hoc* committee consisting of myself and other Cap-stone course instructors.

Proposals are expected to contain the following components:

1. Abstract (no more than 75 words)
2. Outline of the project (about 150 to 200 words)
3. Purpose and motivation (why do you want to do it?)
4. Scope (what and how much you want to accomplish)
5. Methodology (how you want to proceed and what facilities you need)
6. Milestones and deadlines.
7. Technology transfer concept (how do you foresee manufacture of the product resulting from your project, contracts are possible)
8. Budget with no more that 30% contingency.
9. List team members and specify project leader (must be student)

Projects run withing Capstone Engineering project course do not require special proposal, as the course requires students to prepare the above components, thus no repeating is required.

The amount of funding is limited due to limited funds available, so approved projects may not be funded to cover full cost (there are other sources of project funding available)

Proposals should be submitted to me in electronic form (Andrew Rawicz – rawicz@sfu.ca), or to any project course instructor.

Wishing you best of luck

Andrew H. Rawicz

Wighton Engineering Development Fund administrator