Experiential Component Approval Instructions for the Concentration in Technology Innovation

The concentration in Technology Innovation requires completion of a well-defined experiential component through a laboratory research, industrial internship, senior design project, directed study or documented participation in one of the following programs:

- Start-up weekend [http://boston.startupweekend.org/](http://boston.startupweekend.org/)
- ENG Imagineering Design Competition [http://www.bu.edu/eng/current-students/singh/competition/](http://www.bu.edu/eng/current-students/singh/competition/)
- KERN/DCN Summer Program
- Development of an commercialization/innovation plan for a concurrent Senior Design Project (requires identifying an appropriate mentor)
- Independent study or research project accompanied by commercialization/innovation plan
- Other options, by prior approval of the Concentration Coordinator

In addition to the expectations described at the end of this document, participation in weekend-type entrepreneurial events will require evidence of participation (artifacts such as presentations, photographs, video).

1. **Proposal Step:** Each student must:
   - Complete the Experiential Component Proposal Form indicating how you intend to compete the experience prior to beginning the experience.
   - Attach a written proposal outlining how this component relates to the concentration in Technology Innovation; include what is relevant to the form of experiential component you have chosen regarding rationale, participation, goals, method of study, basis of evaluation, etc. (1p)
   - Indicate who is the supervisor of the experiential component.
   - Sign and date the form
   - Submit this form - with Proposal Approval and all attached supporting documents - to the Undergraduate Records Office at engrec@bu.edu. Incomplete applications will be returned to students for revision.
   - The Undergraduate Records Office staff will obtain the Experiential Component Proposal Approval from the Concentration Coordinator (Prof. Thomas Little (tdcl@bu.edu) PHO Room 426, 3-9877)
   - The Undergraduate Records office will notify students of approval.
   - The deadline for submission of an approved Experiential Component Proposal is December 1 of senior year.

2. **Summary Step:** Upon completion of the Experiential Component, the student must:
   - Complete the Experiential Component Summary Form indicating how you completed the experience.
   - Attach a copy of the Experiential Component proposal
   - Attach a written summary of the work accomplished. Include how the points mentioned in the proposal were actualized (1p) signed by your supervisor.
   - Provide the requisite presentation (powerpoint or equivalent) as per TIC experience expectations.
   - Submit the signed and dated summary to the Undergraduate Records Office at engrec@bu.edu.
   - The Undergraduate Records Office staff will obtain the Experiential Component Summary Approval from the Concentration Coordinator.
   - The Summary must be received in the URO no later than April 15 to ensure graduation in May.

01/11/16
**TIC Experiential Component Expectations**

**Senior Design requirements**

1. Do the background work leading to an investor concept and marketing pitch for the product or technology (various, based on learning in SI480/SI482 and other TIC courses). This would be analogous to the output from a 'start up weekend' that would to this kind of pitch.
2. Produce the pitch as PPT in draft form, due before December 10, at the end of the fall semester (senior design/fall semester), or Feb. 1, for ME students
3. Integrate the pitch into Sr. Design materials for the group effort (reports and presentation)
4. Produce a final, revised PPT at the end of the spring semester, no later than April 15 based on feedback from the draft, and updated input throughout the spring semester.
5. Integrate a subset slides into the Senior Design presentation in the final publically presented work.

**Internships or research lab requirements**

1. Produce a written summary of the internship or research experience as it relates to the TIC. Describe what elements of the TIC were applied and how, referencing topics from SI 480 and/or SI 482 (1p).
2. Develop slide deck (PowerPoint or equivalent) for an investor concept and marketing pitch for the product or technology of your internship or lab experience. The slide deck should show artifacts of the experience including detail in one or more dimensions of the business problem (marketing analysis or plan, customer survey information, customer requirements analysis, sales pitch, etc.).
3. Materials are to be provided within 2 weeks of the conclusion of the internship or research experience.

**TISP**

1. Produce a written summary of the internship or research experience as it relates to the TIC. Describe what elements of the TIC were applied and how, referencing topics from SI 480 and/or SI 482 (1p).

**Start up weekend/hackathon etc.**

1. Participate in the event
2. Capture artifacts from the event (PPT, photos, sketches, mockups, etc.) and organize these into (a) an online portfolio, or (b) a PPT slide deck.
3. Materials are to be provided within 2 weeks of the conclusion of the event.