Experiential Component
The experiential component is required for the TIC that is intended to exercise and apply learnings from TIC curriculum and is ideally performed after completing the 4-coruse sequence specified above. However, this is not always possible. Minimally, students must complete SI 480 to be eligible to undertake an approved experience. Options for experiences include senior design, internships, experiential courses, approved active participation in entrepreneurial events, and others by approval. Details on each follow.

Important Dates
- **Concentration declaration**
  - May 1, Junior year: (ensures that you receive TIC notifications)
- **Experience – senior design**
  - October 15: experiential proposal due (ECE, BME)
  - Dec 15: experiential proposal due (ME)
  - April 1: draft PPT report due (to TIC Coordinator)
  - April 15: final PPT report due
- **Experience – internships**
  - May 1: prior to internship: experiential proposal due
  - Sept 15: draft PPT report due (to TIC Coordinator)
  - Sept 30: final PPT report due
- **Other**
  - Prior to event: experiential proposal due
  - Within 2 weeks of completion of event and before April 1: draft PPT report due
  - Within 4 weeks of completion of event and before April 15: final PPT report due

For International Students
International students can use CPT in approved internships for the experience under the TIC. The process for approval is:
1. Declare concentration
2. Complete SI 480
3. Identify internships opportunity
4. Write and submit experiential proposal
5. Submit to ENG Undergraduate Records
6. When approved, submit to ISSO
Experiential Component Requirements

Requirements common for all experiences
1. Submit an experiential proposal identifying what aspects of the experiential rubric will be tackled
2. For projects involving multiple TIC students, each student should enumerate what unique contribution from the rubrics will be tackled. **Students must submit proposals as a package, calling out the responsibilities of each collaborator in a collaboration plan (template) associated with each submission.**
3. Do the background work supporting the proposed work (e.g., collecting data for customer or market needs assessment, etc.)
4. Produce the presentation (PPT) in draft form prior to the due date.
5. Produce a final presentation (PPT) based on the feedback from the draft presentation review
6. [Senior Design] Integrate the pitch into Sr. Design materials for the group effort (reports and presentation)

Senior Design Proposal guidelines are found on the following page.

TISP-specific requirements
1. As of 10/1/2018 TISP will no longer count as a TIC experience. Exceptions will be made for any pre-existing TIC student with declaration on file before 10/1/2018.

Startup event-specific requirements
1. Discuss the scope and engagement of the startup event with the TIC coordinator in advance of the event
2. Submit an experiential proposal identifying what aspects of the experiential rubric are anticipated to be tackled and why the event is relevant to the TIC
3. Actively participate in the event. Sitting in the audience does not qualify.
4. Capture artifacts from the event (PPT, photos, sketches, mockups, etc.) and organize these into the draft presentation prior to the due date
5. Produce a final presentation (PPT) based on the feedback from the draft presentation review

Reporting Requirements (all)
The TIC experience reporting is comprised of a PowerPoint or equivalent presentation and oral delivery recorded as video and submitted electronically. Instructions and best practices for recording video will be found on the TIC Piazza site. Requirements for reporting:

1. Presentation deck of a minimum of 10 slides and a maximum of 20 slides
2. Presentations should not be a reiteration of a technical project, but should focus on elements selected from the rubric
3. Video recording limited to 5 minutes.
4. A draft presentation is required which will be reviewed against the rubric
5. Final presentation, including the video recording, is due based on feedback from draft review
6. The slide deck comprises the written summary of the TIC experience
Proposal Guidelines

Senior Design Proposal Guidelines
1. A word template for experiential proposals is provided
2. Statement that proposes what you plan to do: E.g., “I propose to use my senior design project as a basis for my Technology Innovation Concentration Experience.”
3. One paragraph about the senior design project concept and proposal. Tell us about the concept and why it benefits from at TIC experience addition
4. One paragraph describing how you will interact with your senior design team members, who they are, and if they support your efforts to use the project for the TIC experience.
5. Call out your unique contribution if there are multiple people using the project for the TIC experience (use the Multiple Collaborator spreadsheet to report who owns what).
6. Describe what you propose to do in addition to the senior design technical project. For example:
   a. What research do you plan to do on market assessment?
   b. What research do you plan to do on customer needs assessment?
   c. What tools will you use for cost and value quantification?
7. State your deliverables including financial forecast and timeline, investor pitch slide deck, and anything else – business canvas, customer/market data, etc.
8. State how the deliverables will be integrated into the senior design team effort
9. Describe milestones:
   a. Draft TIC deck or portfolio
   b. Final TIC deck or portfolio
   c. Video recording of TIC presentation, posted to Piazza
   d. Date of senior design presentation

Internship Proposal Guidelines
1. A word template for experiential proposals is provided
2. Statement that proposes what you plan to do: E.g., “I propose to use an internship as a basis for my Technology Innovation Concentration Experience.”
3. One paragraph about the internship or work experience. Tell us about the position/role and why it can be justified as satisfying the elements espoused by TIC. Alternatively, how you will add TIC elements to the activity.
4. One paragraph describing how you will interact with your colleagues on the project or experience and if they support your efforts to use the project or position for the TIC experience.
5. Describe what you propose to do in the internship that addresses TIC components. For example:
   a. What research do you plan to do on market assessment?
   b. What research do you plan to do on customer needs assessment?
   c. What tools will you use for cost and value quantification?
6. State your deliverables, for example, financial forecast and timeline, investor pitch slide deck, business canvas, customer/market data, etc.
7. Describe milestones:
   a. Draft TIC deck or portfolio
   b. Final TIC deck or portfolio
   c. Video recording of TIC presentation, posted to Piazza

TIC Experience and Confidentiality Issues
Applies to internships, lab research experiences, startups, or any situation where the work may require participating in a nondisclosure agreement.
1. Students should, at the outset, be clear with their employers that the job experience will be used to satisfy the experiential requirement.
2. Experiences involving confidentiality agreements or IP agreements are not exempt from the TIC Experiential reporting requirements.
3. Students should plan for, and prepare reports (summary and presentation deck) to provide sufficient detail to be evaluated against the TIC experience rubric.

4. In these cases, the materials delivered to the TIC Coordinator can be ‘sanitized’ to prevent disclosure of confidential details; however, the reporting must include sufficient detail to demonstrate innovation and entrepreneurial activities undertaken during the experience.

5. Please consult the TIC Experience Rubric prior to embarking on the TIC experience.