

# Engineering Futures Sessions

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*Tau Beta Pi – The Engineering Honor Society.*

On October 12th and 20th Tau Beta Pi Honor Society will be hosting Engineering Futures Sessions. The futures sessions will be an interactive lecture where engineering students will be working on their "soft skills," skills which are necessary for success but not necessarily technical skills obtained in a class room. These future sessions typically last approximately 2-3 hours. They will be held in **room W205** in the engineering college.

On **October 12th** we will be hosting a futures session focusing on group processes. The futures session will begin at **2:00PM**.

Below is a short description of the topics covered in the group processes futures session.

## **Group Process — planning and managing effective meetings**

- **Planning a Meeting**
  - Learn how to plan for a meeting, including deciding when a meeting is necessary, whom to invite to the meeting, things to consider relative to the meeting's location, and the content of the meeting. Learn how to organize a meeting agenda to include the above items.
- **Conducting Effective Meetings**
  - Learn specific roles participants in a meeting need to play and how to keep a meeting on track once it has started. Practice the skills in a mock meeting

On **October 20th** we will be hosting a future session regarding problem solving. The futures session will begin at **10:00AM**.

Below is a short description of the topics covered in the problem solving futures session.

## **Analytical Problem Solving — solving problems in a team environment**

- **The Problem-Solving Process**
  - Learn a structured process for problem solving. Each step of the process requires two basic activities in order to perform it successfully: generating ideas through brainstorming and choosing the best idea to implement.
- **Creative Thinking**
  - Participate in creative thinking exercises.
- **Identifying and Implementing the Problem Solution**
  - Learn how to reduce a list of potential solutions and selecting the best idea(s) using specific evaluation techniques. Learn techniques to facilitate decision-making.

Please keep in mind that initiates are required to attend at least one future session. On the other hand, please feel free to attend both! We hope to see you there.