

PROCESS TECHNOLOGY ADVISORY COMMITTEES



INS AND OUTS

AGENDA

- ✘ NAPTA's Advisory Committee Criteria
- ✘ The Texas Higher Education Coordinating Board
 - + Guidelines for instructional Programs in Workforce Education
- ✘ Best practices
 - + Increasing Committee Members
 - + Number of Annual Meetings
 - + Meeting Times



NAPTA CRITERIA

- ✘ Each college must establish an active industry-based advisory committee that provides input to the school's program. The committee must be industry-led and/or meet state or accrediting body requirements for advisory committees.



NAPTA CRITERIA

(CONTINUED)

- + Conduct at least three (3) advisory committee meetings each calendar year.
- + Approved meeting minutes must be submitted by the college to the NAPTA office in a timely manner (within 30 days after approval) and be available to the NAPTA representative during each audit.



THECB RULES – GIPWE FUNCTIONS

1. Evaluating the goals and objectives of the program curriculum
2. Establishing workplace competencies for the program occupation(s)
3. Suggesting program revisions as needed
4. Evaluating the adequacy of existing college facilities and equipment
5. Advising college personnel on the selection and acquisition of new equipment

GIPWE FUNCTIONS

(CONTINUED)

6. Identifying local business/industry leaders who will provide students with external learning experiences, employment, and placement opportunities
7. Assisting in the professional development of the faculty
8. Assisting in promoting and publicizing the program to the community and to business and industry
9. Representing the needs of students from special populations.

BEST PRACTICES

- ✘ Increasing Committee Members
 - + Contact HR department at Process Tech Industries
 - + Contact Training Coordinators
- ✘ Number of Annual Meetings
 - + NAPTA, State, and Accrediting Board Requirements
 - + More frequently will keep members active
- ✘ Meeting Times
 - + Daytime meetings 11:00 am – 2:00 pm
 - + Ask members

DISCUSSION

- ✘ Have meetings at different industries.
- ✘ TWIC card for Tours – Students do NOT need card. One card holder from industry per 5 students for plant tours.
- ✘ At some schools, the PTAC Club schedules and organizes plant tours.
- ✘ High School and College counselors tour plants to better understand the Process Technology field and programs.

DISCUSSION

(CONTINUED)

- ✘ Ask industries at meeting if they have hired any graduates and make note of their reply. Then survey them on how the graduates are performing.
- ✘ Have students report on what they learned during their co-op or employment that was not taught in the Process Technology program.
- ✘ Multiple business units need to attend the meetings. (Ex: Refining, Maritime, & Shoreside operations.)

DISCUSSION

(CONTINUED)

- ✘ Shell has an Energy Camp at San Jacinto college for both 2-yr and 4-yr STEM areas
 - + Hands-on activities for students and parents
 - + Invite teachers and counselors
- ✘ Videos and Promotional Items (Baseball cards)
 - + BYF.org (Build Your Future)
- ✘ Have industry members ask working graduates what they want addressed at the meetings.
- ✘ Allow members to call in if they are unable to attend meeting in person.

DISCUSSION

(CONTINUED)

- ✘ Require members to attend at least 1 meeting per year.
- ✘ Have industries to update members and contact information as changes occur.
- ✘ Having a meeting before or after an event increases attendance.
 - + Ex: After a job fair or before mock interviews
- ✘ Glenn Johnson with BASF said to contact him for student tours of a location close to their campus. Glenn.Johnson@BASF.com

DISCUSSION

(CONTINUED)

- ✘ Work with the industries to provide externships for High School teachers and College faculty.
 - + Possibly shadow operators for a few shifts.
- ✘ One college holds a “Day & Life of a Process Operator” on a Friday from 6 am until 6 pm.
 - + Invite Advisory Committee members
 - + Invite operators from the industries
 - + Students operate skid unit or pilot plant, issue permits, take readings, and wear rain suits.
 - + Include students from Instrumentation program