

UTPB Engineering Advisory Board Goals and By-Laws

GOALS:

The Engineering Advisory Board goals:

1. Annually review the college's curriculum and provide the Dean of Engineering feedback on relevancy and applicability to current industry requirements.
2. Assist in providing project opportunities, guidance and provide "coaching" for senior engineering students.
3. Conduct annual workshop focused on interview skills and internship expectations.
4. Serve as an external communication resource for both academic and financial needs.
5. Review and present feedback to the Dean on department's metrics.

MEMBERSHIP:

Board members will be solicited from industrial companies, government agencies, non-governmental organizations, and other educational institutions that exhibit strong interest and/or have direct involvement in engineering disciplines. The members will ideally be a mixture of practicing engineers and scientists, managers, and other personnel, who are familiar with engineering and entrepreneurial-related issues in the region. To maintain a link with an important constituency of the College's engineering programs, between 25% and 33% of the board members should be graduates of UTPB engineering programs.

Each Board member is requested to designate an alternate to be aware of activities, and thus able to substitute at and contribute to meetings.

Board members will assist the EAB Chair and the Dean in soliciting for new members.

The term of each member is two years and can be renewed by mutual agreement by both parties.

OFFICERS:

The Board will choose two members to serve as Chair and Vice Chair. Both will serve a two-year term and may be re-elected. The Vice Chair will preside at the meetings of the EAB in the absence of the Chair and represent him/her at other events as designated by the Chair. In the absence of both the Chair and Vice Chair, a member of the EAB designated by the Dean of the College will preside. The College of Engineering Dean will nominate his/her staff to provide secretarial functions to the Board.

SUBCOMMITTEES:

Subcommittees may be appointed as desired by the Chairperson. The EAB has three subcommittees as shown below. EAB members are free to serve in one or more subcommittees.

1. Education and Workforce Development Initiatives (EWDI)

The purpose of the EWDI Subcommittee is to promote experiential learning through internships, design competitions, and support K-12 outreach activities. Roles include promoting and linking students to internship opportunities, serving as mentors to students. Students would begin professional development by applying knowledge gained in the classroom to real world activities.

2. Strategic Research Initiatives (SRI)

The SRI Subcommittee has two objectives. The first is to work with industry partners to identify projects for the Senior Design class. This would include arranging industry speakers and serving as mentors on projects. The second goal is to work with industry to identify research opportunities. This would include surveys on research needs, serving as an industry advisor on projects and other collaboration.

3. Strategic Finance Initiatives (SFI)

The SFI Subcommittee will work with the College of Engineering to identify program needs such as building and space naming, purchase of laboratory equipment and establishing new programs. The SFI would also be involved in fund raising in coordination with the Office of Advancement, scholarships and other department needs.

MEETINGS:

The Board will meet twice per year. Additional meetings may be arranged as needed. Meetings will be held at The University of Texas Permian Basin College of Engineering.