

WITHDRAWN 12/6/06

Accreditation (Current Listing page 142 2005-2007 UN Catalog)

http://www.uh.edu/academics/catalog/egr/academic.html#accred_egr

Five undergraduate degree programs are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology. The Biomedical Engineering and Computer Engineering degree programs have been approved by the Texas Higher Education Coordinating Board but have not been reviewed for Engineering Accreditation by the Accreditation Board for Engineering and Technology.

Proposed Change

Five-Six undergraduate degree programs are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology. The Biomedical Engineering and ~~Computer Engineering~~ degree programs have been approved by the Texas Higher Education Coordinating Board but have not been reviewed for Engineering Accreditation by the Accreditation Board for Engineering and Technology.

Accreditation Board for Engineering and Technology, Inc.

111 Market Place, Suite 1050


Baltimore, MD 21202

Telephone: (410) 347-7700

Fax (410) 625-2238

e-mail: accreditation@abet.org

web: <http://www.abet.org>

Program Educational Objectives for Academic Programs 

The criteria used to accredit engineering programs have undergone major revisions in recent years. The criteria require that each program for which an institution seeks accreditation or reaccreditation must have in place:


- detailed published educational objectives that are consistent with the mission of the institution and these criteria
- a process based on the needs of the program's various constituencies in which the objectives are determined and periodically evaluated
- a curriculum and processes that ensure the achievement of these objectives

Educational objectives for our B.S. programs in Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Industrial Engineering, and Mechanical Engineering are described below. These objectives were formulated by the department faculties and have been developed with input from various constituencies such as advisory boards and students. We seek your comments and suggestions regarding possible modifications to these objectives. Please provide these via e-mail to the responsible administrator for the particular program at the addresses listed below. Thank

you in advance for your suggestions and comments.

| Program Educational Objectives | |
|--|--|
| Chemical Engineering | Civil Engineering |
| <p>Prepare graduates who will:</p> <p>(1) meet or exceed the evolving expectations of employers, particularly in the energy and chemical industries,</p> <p>(2) pursue life-long learning and development, especially through advanced studies, and</p> <p>(3) become future leaders in industry, academe or government.</p> <p>Direct your comments to <u>Dr. Michael Harold</u>, Chair</p> | <p>UH CE Program graduates will</p> <p>(1) meet or exceed the expectations of their employers in the public and private sectors, and</p> <p>(2) continue to develop professionally by pursuing licensure, graduate and professional studies and/or continuing education.</p> <p>Direct your comments to <u>Dr. Vipul Vipulanandan</u>, Chair</p> |
| Computer Engineering | Electrical Engineering |
| <p>Our graduates will meet or exceed the expectations of their employers in the computer engineering workplace, or in other professional careers of their choosing.</p> <p>Our graduates will be prepared to pursue advanced studies in computer engineering or in other disciplines if they so choose.</p> <p>Our graduates will engage in self-development activities that will allow them to adapt to evolving technical challenges and changing career opportunities.</p> <p>Direct your comments to <u>Dr. Haluk Ogmen</u>, Chair</p> | <p>Our graduates will meet or exceed the expectations of their employers in the electrical engineering workplace, or in other professional careers of their choosing.</p> <p>Our graduates will be prepared to pursue advanced studies in electrical engineering or in other disciplines if they so choose.</p> <p>Our graduates will engage in self-development activities that will allow them to adapt to evolving technical challenges and changing career opportunities.</p> <p>Direct your comments to <u>Dr. Haluk Ogmen</u>, Chair</p> |

| | |
|---|---|
| <p>Develop graduates with:</p> <p>(1) knowledge and skills set to meet the expectations of the private and public employers in manufacturing, retail, service, and government sectors,</p> <p>(2) desire to pursue advanced degrees and professional studies to contribute to the advancement of the Industrial Engineering profession.</p> | <p>Produce graduates with the abilities to secure, to maintain, and to change professional employment and to gain placement in graduate education, if and when desired.</p> <p>Direct your comments to <u>Dr. Matthew Franchek</u>, Chair</p> |
|---|---|

approved

10/5/06