Shattering the Stereotypes:

Fiedler Engineering Library

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History

➢Construction funded by donation from Mrs. Alice Fiedler

➢Three years in planning

➢20,000 square feet

➢24 computer workstations

➢Designed for electronic access of materials

➢Opened October 5, 2000

Content and Collection Philosophy

➢ Focused on electronic access

➢ Regular monographs and bound periodicals retained in main campus library

➢ The "Half Life" of engineering knowledge

Complementary ABET Criteria

➤ Criterion 3:

- – (d) an ability to function on multidisciplinary teams

- – (i)…ability to engage in life-long learning

- – (k) an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice

More ABET

➢ Criterion 6: Facilities:

"Programs must provide opportunities for students to learn the use of modern engineering tools. Computing and information infrastructures must be in place to support the scholarly activities of the student and faculty and the educational objectives of the institution."

Minor Problems Encountered

➢ Shelving delays

➢ Surprise: A Co-Tenant!

➢ Cost cutting elimination of the separate Reference Desk

➢ Budgeting for clerical assistant

Problems (cont):

➢Photocopy machine need ignored

➢Sterile ambiance

➢Emergency exit alarm omitted

➢Underestimate of printing demands

Benefits

➢ Integrated wiring

➢ Librarian "in-house"

➢ Instructional opportunities blossoming

➢ Intra-University collaboration opportunities: Art

Challenges

➢ Continually upgrading to emerging technology

➢ Increasing costs of scholarly resources contrasted by budget cuts

➢ Online Instruction

➢ Distance & "Remote" Patrons

➢ Stretched Computing Services staffs

➢ "Just in time" mentality/expectations

The Final Analysis

➢ Hosted IATUL Study/Tour day in 2002

➢ A success: the marriage of place and function

➢ Wireless laptops very popular

➢ Recruiting tool for the college