7-12-2017


Margaret Phillips
Purdue University, phill201@purdue.edu

Follow this and additional works at: https://docs.lib.purdue.edu/lib_fspres
Part of the Information Literacy Commons, and the Scholarly Communication Commons

Recommended Citation

This document has been made available through Purdue e-Pubs, a service of the Purdue University Libraries. Please contact epubs@purdue.edu for additional information.
Engineering Libraries Division (ELD)  
American Society of Engineering Education (ASEE)

STS LIAISON FORUM  
JULY 12, 2017

MARGARET PHILLIPS  
ASSISTANT PROFESSOR OF LIBRARY SCIENCE  
ENGINEERING INFORMATION SPECIALIST  
Purdue University
Outline

Brief Overview of ELD

2017 ASEE Annual Conference Highlights

ABET – engineering accreditation criteria changes
Brief Overview of ELD
What is ELD?

Division of ASEE

- Librarians and information professionals concerned with the support of engineering education
- 218 members (as of 7/10/17)
- Website: http://depts.washington.edu/englib/eld/
- Listservs:
  - **ELDnet-l** (open to all – librarians, vendors, everyone!) –
    To subscribe: http://mailman13.u.washington.edu/mailman/listinfo/eldnet-l
  - **ELD-L** (members only)
2017 Annual ASEE Conference
2017 Annual ASEE Conference

June 25-28, 2017 Columbus, OH

ELD Conference Program:  

2017 - 50th anniversary of ELD & 75th anniversary as the 1st organized engineering librarians group in ASEE
2017 Annual ASEE Conference

- Peer reviewed conference papers
  - 3 Technical Sessions
    - Collaborating with Engineering Students and Faculty – 4 papers
    - Improving Information Literacy Programs – 4 papers
    - History & Future of Engineering Librarianship – 4 papers
  - 1 Poster Session – 4 papers
- Papers currently viewable: 2017 Conference Website – Online Session Locator (limit results to ELD division)
- ASEE papers indexed: Compendex & Scopus
2017 Annual ASEE Conference – ELD Awards

**Best Publication:**
*Using Altmetrics as an Engineering Faculty Outreach Tool*
2016 ASEE Conference Paper: peer.asee.org/27127
- Megan Sapp Nelson (Purdue University)

**Best Poster:**
*A Bibliometric Analysis of ASEE Conference Papers Published by Members of the Engineering Libraries Division*  
www.asee.org/public/conferences/78/papers/19782/view
- Nestor L. Osorio (Northern Illinois University) and Daniela Solomon (Case Western Reserve University)

**Homer I. Bernhardt Distinguished Service Award:**

2017 Recipient: Michael White, Associate Librarian, Queens University
2017 Annual Conference

Workshops – Wednesday, June 28th:

- Systematic Literature Reviews (1:30-5:30pm)
  - Presenter: Margaret Foster (Texas A&M University)

- Integrating Technical Standards into Design Courses (1:30-3:30pm)
  - Presenters: Margaret Phillips (Purdue University), Michael Fosmire (Purdue University), Paul McPherson (Purdue University)
  - Workshop materials available: guides.lib.purdue.edu/NIST_standards
2017 Annual ASEE Conference

“Cueballs” – ELD Pre & Post Conference Informal Outings
2017 Annual ASEE Conference

THANK YOU TO OUR SPONSORS!

• ACS
• AIAA
• ARM
• ASME
• ASTM International
• AWS
• Elsevier

• ICE
• IEEE
• IET
• Morgan & Claypool
• SAE
• SPIE
• TechStreet
ABET Engineering Accreditation Changes
What is ABET?

• Formerly known as the “Accreditation Board for Engineering and Technology” – now just “ABET”

• Accreditor of Applied Science, Computer Science, Engineering, and Engineering Technology programs

• Accredit ~3,700 programs at over 750 institutions in 30 countries

• Website: www.abet.org
### ABET Proposed Engineering Accreditation Changes – Criterion 3 Student Outcomes

<table>
<thead>
<tr>
<th>Current <em>(Selected Criteria Related to IL/DIL)</em></th>
<th>Proposed (2016 – 2(^{nd}) Proposal)</th>
<th>ELD Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>(b) an ability to design and conduct experiments, as well as to analyze and interpret data</td>
<td>3. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.</td>
<td>No suggested changes</td>
</tr>
<tr>
<td>(f) an understanding of professional and ethical responsibility</td>
<td>5. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.</td>
<td>No suggested changes</td>
</tr>
<tr>
<td>(i) a recognition of the need for, and an ability to engage in life-long learning</td>
<td>6. An ability to recognize the ongoing need to acquire new knowledge, to choose appropriate learning strategies, and to apply this knowledge.</td>
<td>6. An ability to recognize the ongoing need to acquire new knowledge, to choose appropriate learning strategies for locating, accessing, evaluating, and incorporating that knowledge, and to apply this knowledge in an informed and appropriate manner.</td>
</tr>
</tbody>
</table>

## ABET Proposed Engineering Accreditation Changes – Criterion 5 Curriculum

### 5(C): 2016 PROPOSED WORDING

(c) a broad education component that complements the technical content of the curriculum and is consistent with the program educational objectives.

### 5(C): ELD SUGGESTED WORDING

(c) a broad and multidisciplinary education component that complements the technical content of the curriculum and is consistent with the program educational objectives.

Questions?

Thank you!

More information about ELD: [depts.washington.edu/englib/eld](depts.washington.edu/englib/eld)

Margaret Phillips  
Assistant Professor of Library Science  
Engineering Information Specialist  
Purdue University Libraries  
phill201@purdue.edu  
765-494-3649