A Rollout Schedule for ABET Cyber Science Criteria
Objective

• Produce program-based criteria to accredit “cyber science” programs within the ABET Computing Accreditation Commission.

• Several constraints:
  • Criteria have to be socialized within the various ABET constituencies
  • Four levels of approval required for ABET utilization
  • Programs have to receive criteria, training, etc. six months prior to the visit
  • PEVs have to be selected and trained in advance of the visit

• Because of these constraints:
  • Fall 2017 is the earliest target for starting to utilize new criteria in visits
  • Fall 2017 visits will also need to be “pilots” – prior to the release of “full production” criteria
A Three-Cycle Rollout

• Fall 2017:
  • Cyber science programs accredited under CAC General criteria
  • Cyber science program criteria are used for a “mock evaluation” that does not count toward accreditation
  • 3-5 volunteer programs would participate

• Fall 2018:
  • Cyber science programs that apply for CAC accreditation can choose to be evaluated under either General criteria only or the Cyber science Program Criteria.
  • The latter option implicitly includes the General Criteria also
  • No limit on the number of programs that choose either path.

• Fall 2019:
  • All cyber science programs applying for CAC accreditation would be evaluated under the Cyber science Program Criteria (as well as the General Criteria)
Rollout Schedule – More Details

• 2015-2016:
  • CEP does first draft of criteria
  • CSAB and ABET seek approval for a limited pilot in 2017-18.

• 2016-2017:
  • Prep for limited pilot
  • CEP/CSAB do a “first reading draft” of criteria

• 2017-2018:
  • First reading approved
  • Limited pilot
  • Prep for full pilot

• 2018-2019:
  • Second reading approved
  • Full pilot
  • Prep for production

• 2019-2020:
  • Criteria go into production
ABET Cyber Program Criteria Rollout – October 2015 to October 2016

- **Finalize Draft Criteria**
- **Approve for pilots**
- **Refine Criteria**
- **Approve for pilots (ExCom)**
- **Refine Criteria**
- **Approve for pilots (Commission)**
- **Approve for pilots (Area Delegation)**

<table>
<thead>
<tr>
<th>Timeframe</th>
<th>Event</th>
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<tbody>
<tr>
<td>Dec 2015</td>
<td>Finalize Draft Criteria</td>
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<tr>
<td>April 2016</td>
<td>Approve for pilots (ExCom)</td>
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<tr>
<td>July 2016</td>
<td>Approve for pilots (Commission)</td>
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<td>October 2016</td>
<td>Approve for pilots (Area Delegation)</td>
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ABET Cyber Program Criteria Rollout – October 2016 to October 2017

- Jan 2017: Identify 3-5 V1 pilot programs
  - Revise criteria for 1st reading
  - Identify PEVs
  - Documents, forms
  - Identify TCs

- July 2017: Prepare Self Study using proposed 1st Reading criteria (periodic updates released to programs)
  - Approve for 1st reading (ExCom)
  - Train PEVs on criteria
  - Train TCs on criteria
  - Approve for 1st reading (Commission)

- Oct 2017: V1 Pilot Visits using 1st reading criteria
  - Approve for 1st reading (Area Delegation)
ABET Cyber Program Criteria Rollout – October 2017 to October 2018

- Identify 3-5 V2 pilot programs
- Identify programs for full production release of the criteria
- Revise for Final Reading

- Identify and train PEVs
- Revise for Final Reading
- Train TCs

- Documents, forms
- Train programs
- Revise for Final Reading
- Approve for Final Reading (Commission)
- Approve Final Reading (Area Delegation)

- Identify TCs
- Prepare Self Study using proposed Final Reading criteria (updates released to programs if necessary)

Jan 2018 | July 2018 | Oct 2018

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<th>CEP</th>
<th>CSAB</th>
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<tbody>
<tr>
<td></td>
<td>Identify and train PEVs</td>
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<tr>
<td>PROGS UNDER REVIEW</td>
<td><strong>Documents, forms</strong></td>
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<td><strong>Prepare Self-Studies for Production Use of Criteria</strong></td>
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