



ABET

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ABET Executive Director
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Who is ABET?



ABET Essentials



ABET is a Program_Accreditor

Also called "Specialized" Accreditor

- Not-for-profit, non-governmental organization
- Evaluates academic programs
 - Not Institutions, degrees, or courses
 - AS, BS, MS levels
- Peer review process
 - Volunteers from ABET's 33 technical societies
- Recognized in U.S. by Council for Higher Education Accreditors (CHEA)
- Founded in 1932
 - Engineers' Council for Professional Development (ECPD

ABET History

- Seven Founding Societies
 - American Society of Civil Engineers (ASCE)
 - American Institute of Mining and Metallurgical Engineers (now the American Institute of Mining, Metallurgical, and Petroleum Engineers (AIME))
 - American Society of Mechanical Engineers (ASME)
 - American Institute of Electrical Engineers (now IEEE)
 - Society for the Promotion of Engineering Education, (now the American Society for Engineering Education (ASEE))
 - American Institute of Chemical Engineers (AIChE)
 - National Council of State Boards of Engineering Examiners (now NCEES)



ABET History

- Original purpose
 - Joint program for "upbuilding" engineering as a profession"
 - Set standards
 - Publish the Codes of Ethics
 - Professional development materials
- Almost immediately began developing as an accreditation agency
 - First engineering program, 2936
 - First engineering technology program, 1946























National Institute of Ceramic Engineers (NICE)









ABET's 33 Member Societies





























National Society of Professional Engineers®



Materials Research Society

The Materials Gateway



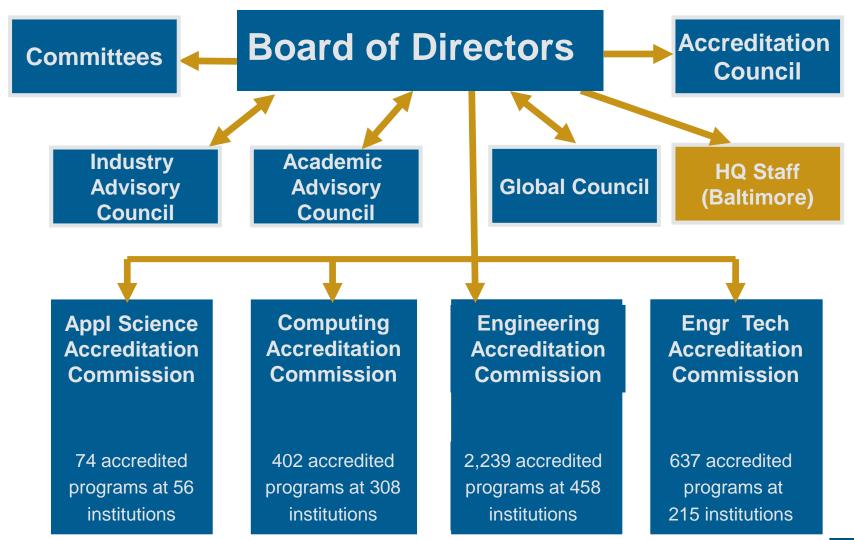


Member Societies

- Represent "the profession"
- Develop program criteria
- Appoint members to the ABET Board
- Nominate member to ABET Commissions
- Recruit and select Program Evaluators (PEV) candidates using PEV competency model
- Assign PEVs to evaluate programs
- Monitor PEV performance



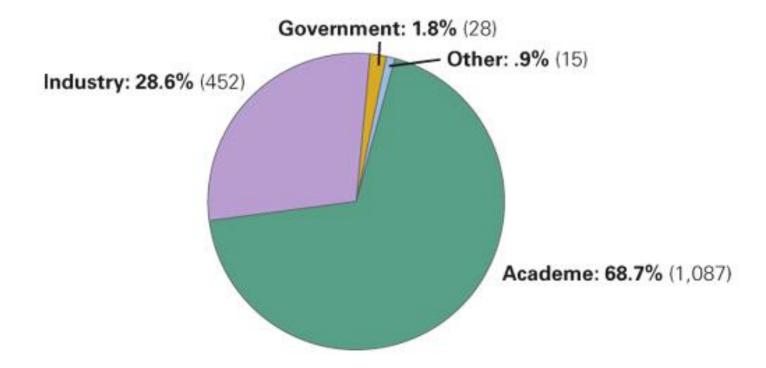
ABET Organizational Structure





ABET Volunteers

Over 2,200 from Academe, Industry, and Government





ABET Organizational Structure

Volunteer-Driven: 2,200+ Volunteers

Board of Directors

- Nominated by member societies
- Provide strategic direction and plans
- Decide policy and procedures
- Approve criteria

4 Commissions

- ASAC, CAC, EAC, ETAC
- Make decisions on accreditation status
- Implement accreditation policies
- Propose changes to criteria

Program Evaluators

- Visit campuses
- Evaluate individual programs
- Make initial accreditation recommendations
- "Face of ABET"

100% of accreditation decisions are made by Volunteers

ABET Headquarters (Baltimore): ~38 full, part time staff



Accreditation Timeline 18 month process

January Institution requests review of programs March - June Team members assigned, dates set, Self-Study submitted

December - February
Draft statements edited
and sent to institutions

May - June
Necessary changes
to statement,
if any, are made

August
Institutions notified
of final action

←-----Year 1 ------

September - December

Visits take place, draft statements written and finalized following 7-day response period

-> | ---- Year 2 ---

July

Commission meets to take final action

February - April
Institutions respond
to draft statement
and return to ABET

October
Accreditation status
publically released

February - May
Institution prepares
self-evaluation
(Program Self-Study)



Global Accreditation Activities As of 1 October 2012

- Accredited 3,205 programs at 659 colleges & universities in 24 countries
- Non-U.S. Programs
 - Accredited 324 programs at 64 institutions in
 23 countries
 - Uniform accreditation criteria, policies and procedures used for all visits, <u>regardless of</u> <u>location</u>

