

# 2018

## ABET IMPACT REPORT

FOR FISCAL YEAR ENDING  
SEPTEMBER 30, 2018





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This publication is available online at [www.abet.org](http://www.abet.org)

# INCREASING OUR GLOBAL IMPACT

## From the President and the Executive Director

Welcome to our 2018 Impact Report, the story of our organization’s successes during the 2018 fiscal year. Our purpose is to assure confidence in university programs in STEM (science, technology, engineering and mathematics) disciplines. This report highlights how our extraordinary network of over 2,000 dedicated volunteer experts from our member societies, as well as ABET and member society staff, worked hard to improve the quality of STEM education worldwide.

During the 2017-18 cycle, we reviewed over 950 programs worldwide, including 153 new programs across an increasing spectrum of STEM disciplines. As of October 1, 2018, 4,005 programs at 793 institutions in 32 countries hold ABET accreditation. Those 772 programs are located outside of the U.S. including 95 new programs. This steady growth clearly demonstrates that institutions and employers continue to place high value on the confidence we provide students, industry and the general public – confidence that graduates from our accredited programs are well prepared to enter the global workforce and tackle the many complex problems we face.

To continue to expand our impact on STEM education, we needed to grow our corps of member society-based volunteer experts, and we did. This year, we welcomed 138 new Program Evaluators from 24 of our member societies to our Global Learning Center in Baltimore for Program Evaluator Candidate (PEVC) training. These professionals hailed from 11 countries around the world, representing industry, academia and government agencies.

We also continued to expand and enhance our criteria to better reflect the needs of our constituents and the changing demands of employers to ensure the next generation of STEM professionals have the knowledge, skills and relevant experiences to serve the needs of an ever-evolving world. This year, we added new program-specific criteria across all ABET commissions, including criteria for cybersecurity and cyber-engineering.

ABET’s work has far-reaching impact, in the U.S. and around the world, with more than 100,000 students graduating from ABET-accredited programs each year. The goal of ABET accreditation is to facilitate preparation of the professionals of tomorrow to build a world that is safer, more efficient, more comfortable and more sustainable for all.

We aligned the theme and content of our annual flagship event, the ABET Symposium, with this goal in mind and included such topics as incorporating sustainability, diversity, and inclusion into the students’ education experience. We also welcomed Olin College President Richard Miller to share his insights on the importance of introducing project-based learning in all aspects of a student’s academic program.

We continued to build key partnerships around the world to help improve the quality and impact of STEM education. UNESCO’s World Federation of Engineering Organizations, the Washington, Sydney, Dublin, and Seoul Accords, U.S.-India Collaboration for Engineering Education and the International Federation of Engineering Societies are just some of the many organizations we have partnered with, sharing the common goal of improving STEM education globally.

We are extremely proud of our many accomplishments this year and will continue to engage our broad base of constituents in an increasingly interconnected world. We look forward to our continued partnership in achieving our goal of making the world a better place through excellence in education. Finally, we are grateful for the continued partnership with our 36 professional member societies. Without their work representing the professions and providing outstanding volunteers, ABET accreditation would not be possible.

Best regards,



*Michael Lightner*  
Michael R. Lightner, Ph.D.  
2017-18 ABET President

*Michael K.J. Milligan*  
Michael K.J. Milligan, Ph.D., P.E., C.A.E.  
ABET Executive Director and  
Chief Executive Officer



# ABET AT A GLANCE

## About ABET

We are a forward-thinking, purpose-driven organization with ISO 9001:2015 certification. A federation comprised of 36 professional and technical member societies, we accredit college and university programs in the areas of applied and natural science, computing, engineering and engineering technology at the associate, bachelor's and master's degree levels. Based in Baltimore, our reach is global and we have 4,005 programs in 779 institutions in 32 countries.

We accredit programs, not institutions. As a specialized accreditor, we provide accreditation for post-secondary programs within degree-granting institutions already recognized by national or regional institutional accreditation agencies or national education authorities worldwide.

Our accreditation is voluntary and to date nearly 4,005 programs at over 779 institutions in 32 countries are ABET-accredited.

With ABET accreditation, students, employers and the society we serve can be confident that a program meets the quality standards that produce graduates prepared to enter a global workforce.

## ABET's Strategic Priorities 2016-2019

To position ABET for the future and to make our organization stronger and more agile, our Board of Directors and senior leadership identified five areas of strategic importance to ABET:

1. Enhance effective, efficient, scalable processes to support ABET operations and services.
2. Strengthen ABET's core products and expand services to address the changing needs of our growing constituency.
3. Develop and execute a communications plan to engage constituents and build confidence in the benefits of ABET's accreditation process and services.
4. Improve technical education worldwide through accreditation, partnerships, and engagement.
5. Implement and refine the new governance structure.



# 2018 ABET AWARDS

As an organization committed to inspiring confidence in higher education, we admire and applaud remarkable achievements. On November 2, 2018, we gathered at the Hilton in Baltimore's Inner Harbor for the ABET Awards. ABET leadership, Experts and staff came together to celebrate the achievements of some of our most dedicated Experts and individuals who are taking huge strides in bringing diversity and innovation to technical education.

## Linton E. Grinter Distinguished Service Award

*Recipients of the Linton E. Grinter Distinguished Service Award, ABET's highest honor, are those ABET volunteers who follow in the namesake's footsteps and who surpass even the highest service expectations of the organization. They are acknowledged for outstanding contributions to the technical disciplines through their work in ABET-related activities.*

## Lawrence G. Jones

### 2018 Linton E. Grinter Distinguished Service Award

For outstanding leadership and contributions to ABET, which have directly and positively impacted ABET's strategic direction, its executive leadership, its processes and its accreditation criteria.



Fellow of ABET  
Awards

The ABET Fellow Award is presented annually to recognize those individuals who have given sustained quality service to the ABET-related professions, in general, and to education within the ABET disciplines, in particular, through the activities of ABET.



Walter Buchanan

For leadership in accreditation activities which create professional career paths for graduates of engineering technology programs, and the improvement of accreditation processes for institutions.



Mohammad Hosni

For unselfish service to ABET, encouragement and support of ABET volunteers, leadership of EAC committees, and passionate advocacy of ABET nationally and internationally.



Stan Thomas

For service to the CAC as PEV, TC, Executive Committee Member and Chair and as a driving force on the CAC-CSAB Criteria Committee and the AC Training Committee.

Claire L. Felbinger  
Award for Diversity  
and Inclusion

The Claire L. Felbinger Award for Diversity recognizes U.S.-based individuals, educational units, associations and firms for extraordinary success in achieving diversity and inclusiveness or for facilitating diversity and inclusiveness in the technological segments of our society.

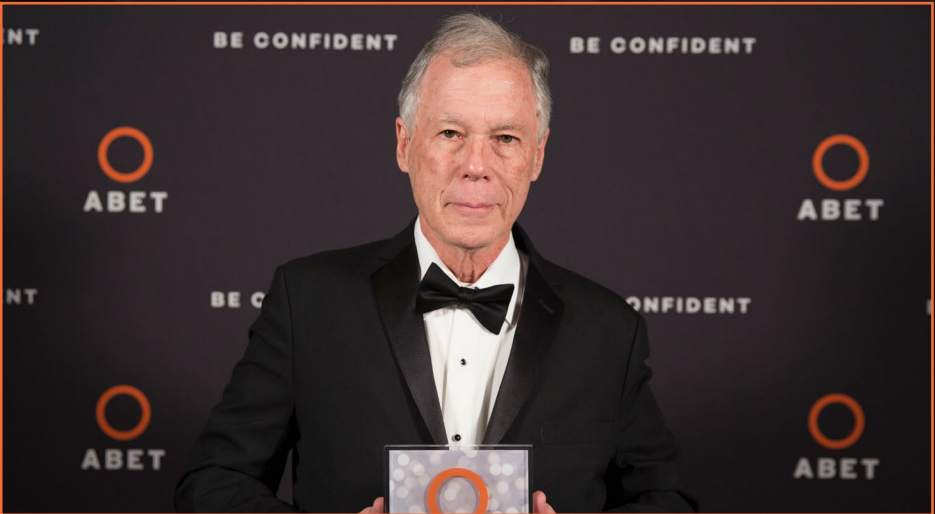


Ignatios Vakalis

For outstanding vision, commitment, and progress in the recruitment, retention, and empowerment of women in computer science and software engineering at Cal Poly San Luis Obispo and nationally.

ABET  
Innovation  
Award

The ABET Innovation Award recognizes vision and commitment that challenge the status-quo in technical education. It honors individuals, organizations or teams that are breaking new ground by developing and implementing innovation into their ABET-accredited programs.



Formula Hybrid Competition founded by the Thayer School of Engineering at Dartmouth College

For national leadership and impact in uniquely challenging students in ABET-accredited programs to collaborate across disciplines to provide innovative design experiences and build fuel-efficient, high-performance hybrid vehicles.



# ACCREDITATION STATISTICS

AS OF OCTOBER 1, 2018

## WORLDWIDE



**4005**

PROGRAMS

**793**

INSTITUTIONS

## UNITED STATES



**3233**

PROGRAMS

**638**

INSTITUTIONS

## OUTSIDE THE US



**772**

PROGRAMS

**155**

INSTITUTIONS

**INCREASES SINCE 2017**

**153**  
PROGRAMS

**17**  
INSTITUTIONS

# GLOBAL IMPACT

ABET HAS ACCREDITED PROGRAMS IN 32 COUNTRIES



- Austria  
Bahrain  
Chile  
China  
Colombia  
Ecuador  
Egypt  
India  
Indonesia  
Jordan  
Kazakhstan
- Kuwait  
Lebanon  
Mexico  
Mongolia  
Morocco  
Oman  
Palestine  
Peru  
Philippines  
Poland  
Portugal
- Qatar  
Russian Federation  
Saudi Arabia  
Singapore  
South Africa  
Spain  
Turkey  
United Arab Emirates  
United States of America  
Vietnam



Curricular Area Name	Degrees			Total
	AS	BS	MS	
Aerospace	2	16		18
Agricultural	1	3		4
Air Conditioning		1		1
Architectural	2	5		7
Bioengineering and Biomedical	5	29		34
Biological	5	6		11
Ceramic		2		2
Chemical	6	39	1	46
Civil	10	58	3	71
Communications		4		4
Computer	11	59	2	72
Computer Science	16	47	4	67
Construction		12		12
Cybersecurity		3		3
Drafting and Design (Mechanical)		1		1
Electrical	12	102	3	117
Electromechanical		1		1
Engineering	3	31		34
Engineering Management		1		1
Engineering Mechanics	1			1
Environmental	6	22		28
Environmental, Health, and Safety		1		1
Fire Protection		7		7
General Criteria Only	2	30	1	33
Geological	1	4		5
Health Physics		2	1	3
Industrial	1	4		5
Industrial Hygiene		3		3
Information Systems	2	12		14
Information Technology	2	11	1	14
Instrumentation and Control Systems		1		1
Manufacturing	2	5		7
Materials	4	12		16
Mechanical	13	83	3	99
Metallurgical		2		2
Mining	2	1		3
Nuclear and Radiological	2	4		6
Ocean		1		1
Petroleum	1	6		7
Safety		4		4
Software	1	5	1	7
Surveying and Geomatics	2	6		8
Systems	2	2		4
Telecommunications		6		6
Welding	1			1



*\*Individual programs may embrace more than one curricular area, and thus may be counted more than once in this table.*

	ANSAC	CAC	EAC	ETAC	TOTAL
Next General Review (NGR)	11 58%	69 68%	493 84%	68 75%	641 80%
Interim Report (IR)	8 42%	30 29%	77 13%	23 25%	138 17%
Interim Visit (IV)	—	1 1%	2 <1%	—	3 <1%
Show Cause Report (SCR)	—	—	1 <1%	—	1 <1%
Show Cause Visit (SCV)	—	2 2%	2 <1%	—	4 <1%
Not to Accredited (NA)	—	—	10 2%	—	10 1%



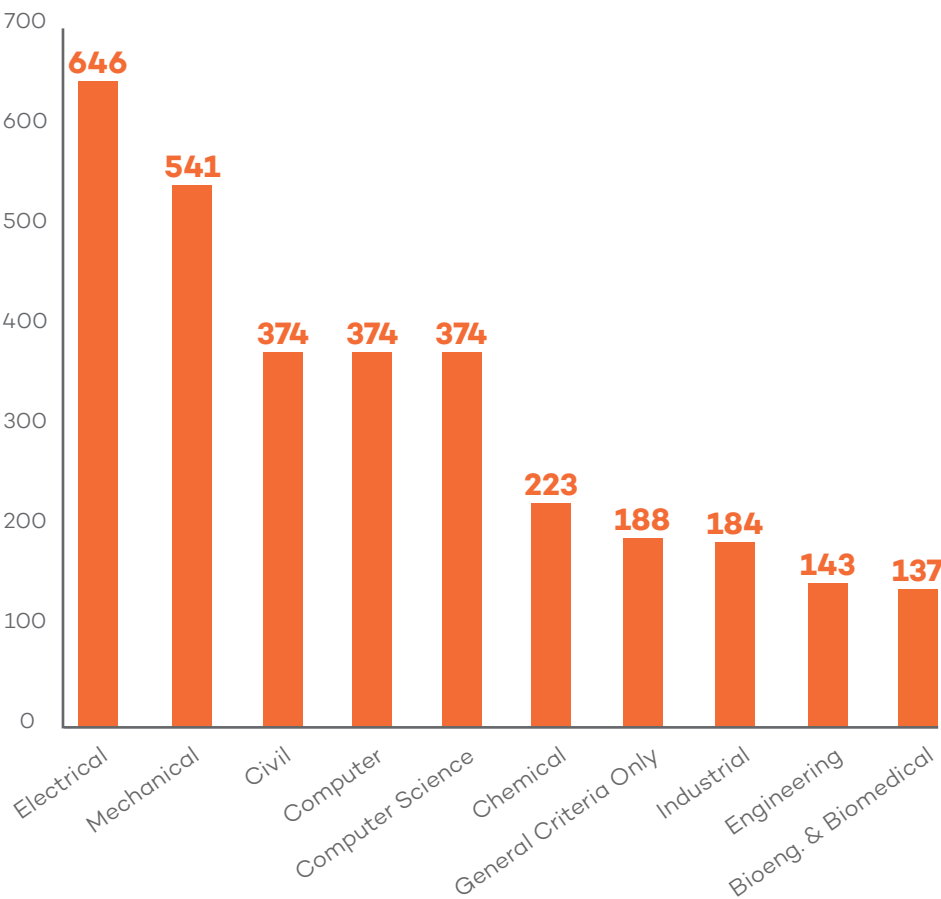
Curricular Area Name	AS	BS	MS	Total
Aeronautical	2	3		5
Aerospace		78	4	82
Agricultural		19	1	20
Air Conditioning	3			3
Architectural	9	31	2	42
Automotive	1	4		5
Bioengineering and Biomedical	2	134	1	137
Biological		43		43
Ceramic		3		3
Chemical	4	218	1	223
Civil	30	341	3	374
Communications		18		18
Computer	20	352	2	374
Computer Science		374		374
Construction	12	51	2	65
Construction Management		7		7
Cybersecurity		4		4
Drafting and Design (General)	1			1
Drafting and Design (Mechanical)	4	4		8
Electrical	87	556	3	646
Electromechanical	2	7		9
Engineering	6	137		143
Engineering Management		26	3	29
Engineering Mechanics		4		4
Environmental	2	85	3	90
Environmental, Health, and Safety		5	1	6
Fire Protection		20		20
General Criteria Only	28	155	5	188
Geological		19		19
Health Physics		3	5	8
Industrial	5	174	5	184
Industrial Hygiene		5	28	33
Information Systems		64		64
Information Technology		62		62
Instrumentation and Control Systems	5	5		10
Manufacturing	6	47		53
Materials		69		69
Mechanical	51	488	2	541
Metallurgical		10		10
Mining		20	1	21
Nuclear and Radiological	4	32	1	37
Ocean		10	1	11
Optics		6		6
Petroleum		32		32
Safety	1	12	5	18
Software		37		37
Surveying and Geomatics	8	25		33
Systems		25	4	29
Telecommunications	3	13	2	18
Welding		2		2



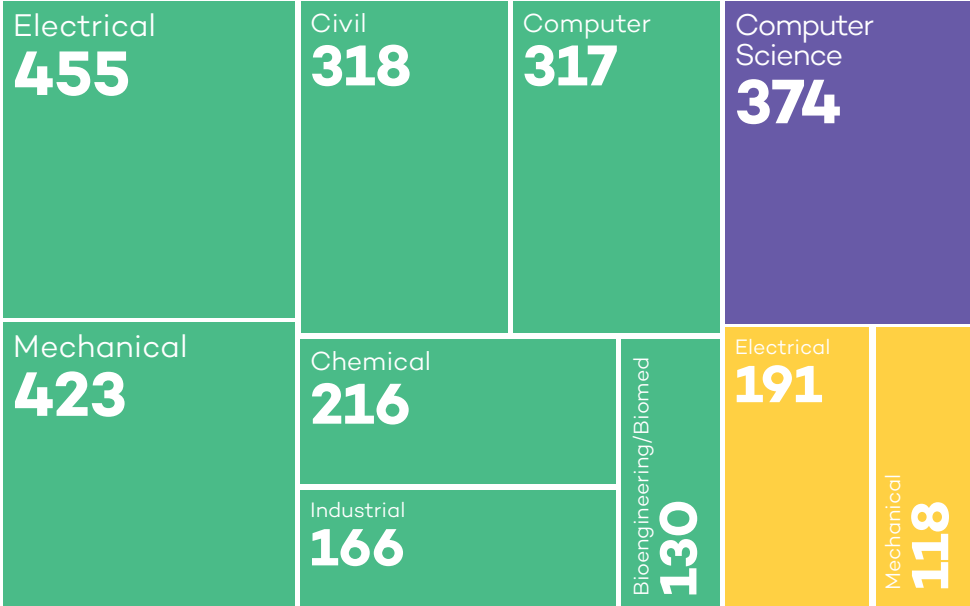
*\*Individual programs may embrace more than one curricular area, and thus may be counted more than once in this table.*

**10 LARGEST CURRICULAR AREAS BY NUMBER OF ACCREDITED PROGRAMS ACROSS ALL COMMISSIONS**

As of October 1, 2018



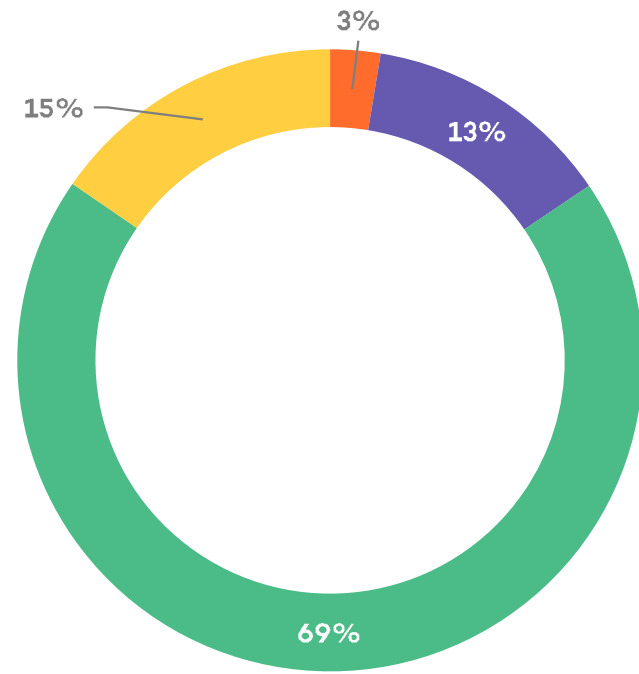
**10 LARGEST CURRICULAR AREAS ACCREDITED BY COMMISSION**





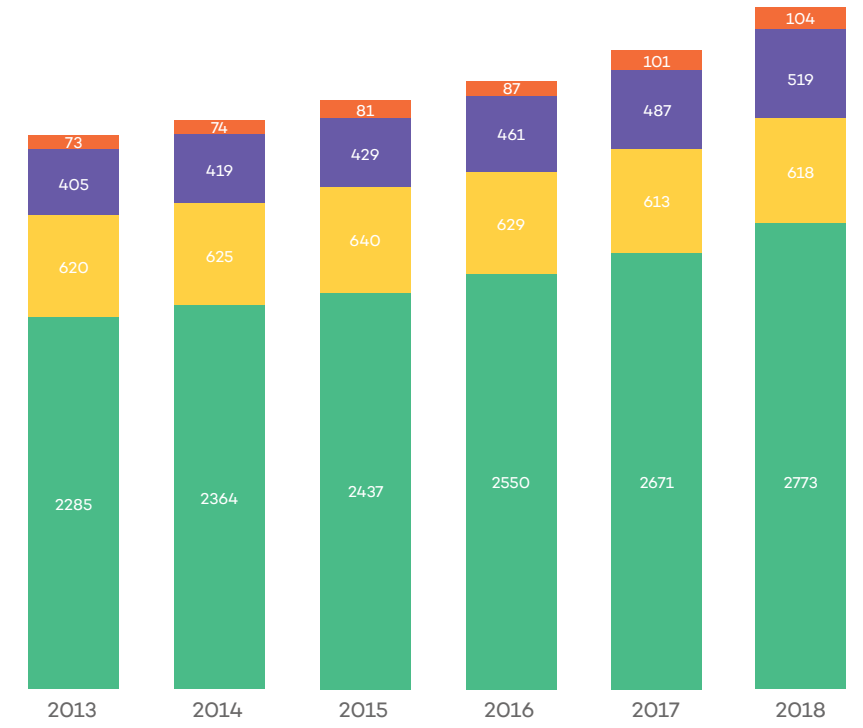
**ACCREDITED PROGRAMS  
BY COMMISSION**  
As of October 2, 2018

ANSAC (104) EAC (2773)  
CAC (519) ETAC (618)



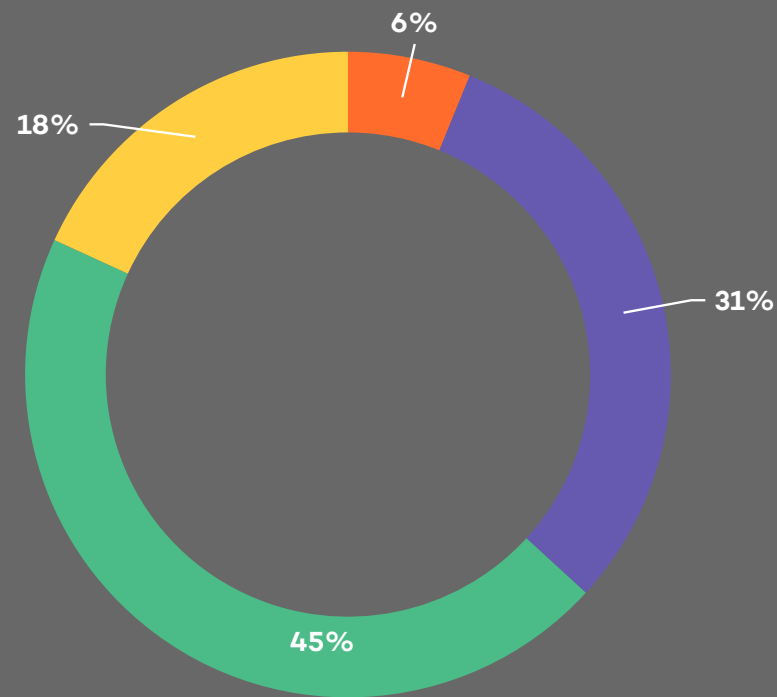
**ACCREDITED PROGRAMS  
BY COMMISSION**  
2013-18

ANSAC EAC  
CAC ETAC



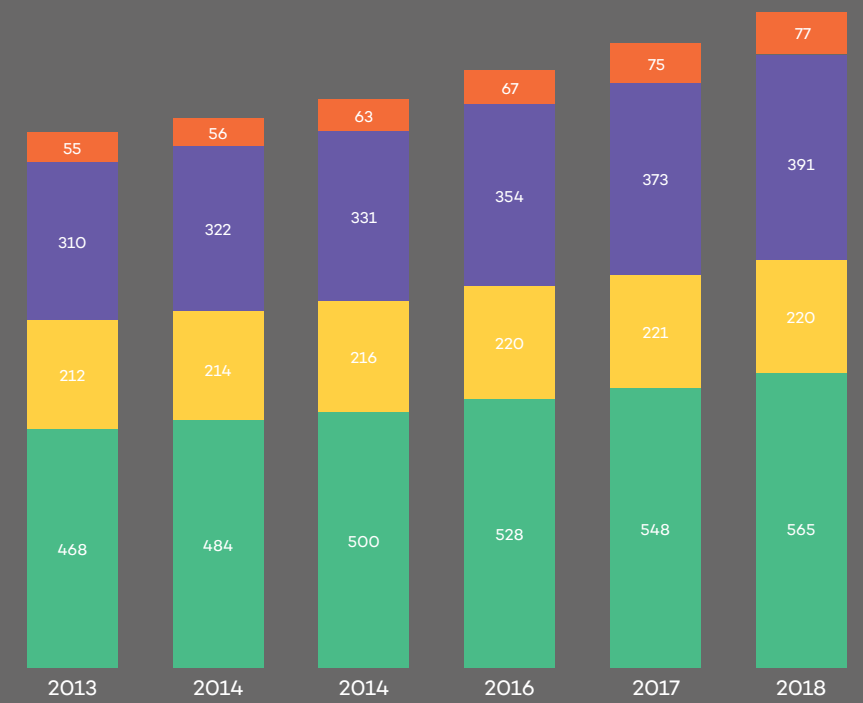
**INSTITUTIONS WITH  
ACCREDITED PROGRAMS  
BY COMMISSION**  
As of October 2, 2018

ANSAC (77) EAC (565)  
CAC (391) ETAC (220)



**INSTITUTIONS WITH  
ACCREDITED PROGRAMS  
BY COMMISSION**  
2013-18

ANSAC EAC  
CAC ETAC





# STATISTICS: ACCREDITATION TRENDS

**ACTIONS FOR GENERAL  
REVIEWS, 2013-2018**  
Applied and Natural Science  
Accreditation Commission  
(ANSAC)

	NEXT GENERAL REVIEW	INTERIM REPORT	INTERIM VISIT	SHOW CAUSE	NOT TO ACCREDIT
2013	78%	22%	0%	0%	0%
2014	67%	33%	0%	0%	0%
2015	61%	28%	0%	11%	0%
2016	80%	13%	7%	0%	0%
2017	68%	32%	0%	0%	0%
2018	58%	5%	0%	0%	0%

**ACTIONS FOR GENERAL  
REVIEWS, 2013-2018**  
Engineering Accreditation  
Commission (EAC)

	NEXT GENERAL REVIEW	INTERIM REPORT	INTERIM VISIT	SHOW CAUSE	NOT TO ACCREDIT
2013	79%	16%	3%	0%	0%
2014	89%	10%	<1%	<1%	0%
2015	90%	9%	<1%	0%	<1%
2016	85%	13%	<1%	1%	<1%
2017	90%	9%	<1%	0%	<1%
2018	84%	12%	0%	0%	0%

**ACTIONS FOR GENERAL  
REVIEWS, 2013-2018**  
Computing Accreditation  
Commission (CAC)

	NEXT GENERAL REVIEW	INTERIM REPORT	INTERIM VISIT	SHOW CAUSE	NOT TO ACCREDIT
2013	58%	29%	11%	3%	0%
2014	69%	25%	1%	1%	2%
2015	79%	20%	1%	0%	0%
2016	69%	26%	4%	1%	0%
2017	70%	24%	5%	1%	0%
2018	67%	29%	2%	2%	0%

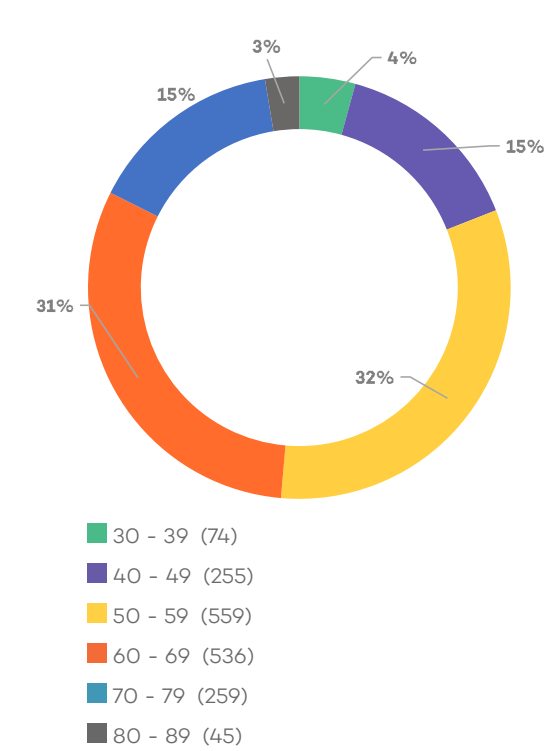
**ACTIONS FOR GENERAL  
REVIEWS, 2013-2018**  
Engineering Technology  
Accreditation Commission  
(ETAC)

	NEXT GENERAL REVIEW	INTERIM REPORT	INTERIM VISIT	SHOW CAUSE	NOT TO ACCREDIT
2013	64%	31%	3%	0%	0%
2014	80%	17%	1%	2%	2%
2015	67%	33%	0%	0%	0%
2016	65%	27%	8%	0%	0%
2017	85%	15%	0%	0%	0%
2018	75%	25%	0%	0%	0%



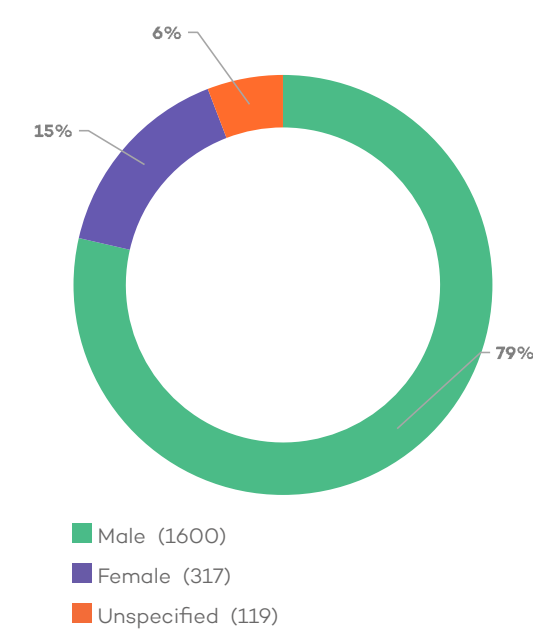
# STATISTICS: 2017-18 VOLUNTEER CHARACTERISTICS

AGE

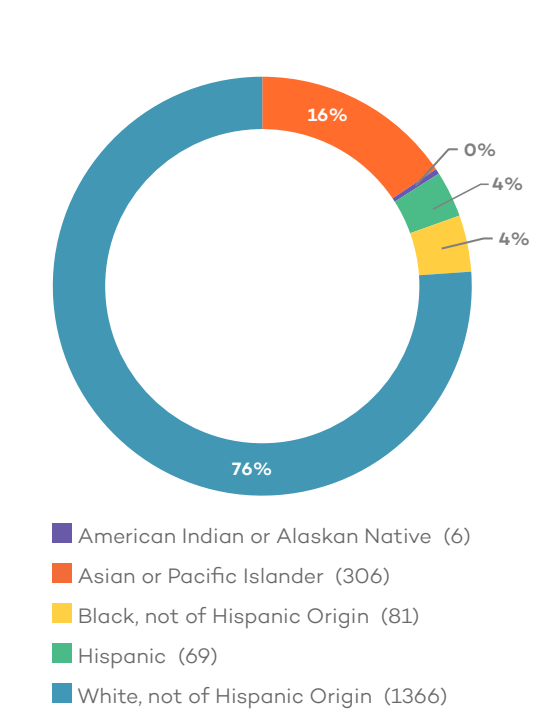


\*Data are self-reported and current as of October 1, 2018.

GENDER

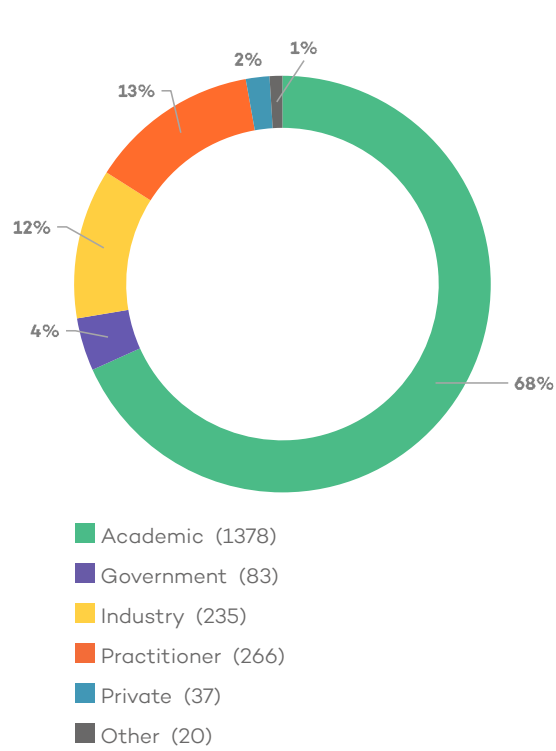


ETHNICITY



\*Data are self-reported and current as of October 1, 2018.

JOB SECTOR





2017-18 FINANCIAL HIGHLIGHTS

Independent Auditors' Report



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1150 18<sup>TH</sup> STREET, NW  
SUITE 550  
WASHINGTON, DC 20036  
(T) 202.822.0717

Independent Auditors' Report

The Board of Directors  
Accreditation Board for Engineering  
and Technology, Inc.  
Baltimore, Maryland

We have audited the accompanying financial statements of Accreditation Board for Engineering and Technology, Inc. (ABET) (a nonprofit organization), which comprise the statements of financial position as of September 30, 2018 and 2017, and the related statements of activities and cash flows for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditors consider internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of ABET as of September 30, 2018 and 2017, and the changes in its net assets and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

COUNCILOR, BUCHANAN & MITCHELL, P.C. – CPAs AND BUSINESS ADVISORS  
[www.cbmcpa.com](http://www.cbmcpa.com) | (F) 301.986.0432

The Board of Directors  
Accreditation Board for Engineering and Technology, Inc.

Report on Supplementary Information

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The schedule of expenses without indirect expense allocation for the year ended September 30, 2018, with the comparative totals for the year ended September 30, 2017, on page 14, is presented for purposes of additional analysis and is not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the financial statements as a whole.

*Councilor, Buchanan & Mitchell, P.C.*

Bethesda, Maryland  
April 25, 2019

Certified Public Accountants



# 2017-18 STATEMENT OF FINANCIAL POSITION

September 30, 2018 (With Comparative Totals for September 30, 2017)

	2018	2017
Assets		
Current Assets		
Cash and Cash Equivalents	\$ 5,083,143	\$ 4,926,214
Accounts Receivable, Less Allowance for Doubtful Accounts of Approximately \$113,000 and \$94,000 for 2017 and 2016, Respectively	771,898	902,971
Prepaid Expenses and Other Current Assets	543,030	506,604
Investments	5,789,316	5,285,659
Property and Equipment and Intangible Assets – Net	4,309,467	4,127,554
Investment in Deferred Compensation	337,762	275,578
Total Assets	\$ 16,834,616	\$ 16,024,580
Liabilities and Net Assets		
Liabilities		
Accounts Payable and Accrued Expenses	\$ 1,415,287	\$ 1,719,148
Deferred Revenues	4,762,962	5,089,209
Deferred Compensation Payable	337,762	275,578
Total Liabilities	6,516,011	7,083,935
Unrestricted Net Assets	10,318,605	8,940,645
Total Liabilities and Net Assets	\$ 16,834,616	\$ 16,024,580

\* See accompanying *Notes to Financial Statements* (beginning on page 27).

# 2017-18 STATEMENT OF ACTIVITIES

For the Year Ended September 30, 2018 (With Comparative Totals for the Year Ended September 30, 2017)

	2018	2017
Support and Revenues		
Accreditation Fees	\$ 9,568,018	\$ 8,900,400
Donated Services	11,031,566	10,925,590
Membership Assessments	1,755,987	1,920,832
Professional Service Revenues	1,191,251	1,082,990
Interest and Dividend Income	103,679	25,370
Gain on Investments	192,638	323,178
Other Revenue	157,916	108,131
Total Support and Revenues	24,001,055	23,286,491
Expenses		
Program Service Expenses		
Accreditation	4,998,418	4,669,228
Accreditation Donated Services	11,031,566	10,925,590
Total Accreditation	16,029,984	15,594,818
Professional Services	2,096,760	1,733,312
Governance	1,183,773	1,536,278
Planning and Operations	2,103,256	1,818,485
Total Program Services Expenses	21,413,773	20,682,893
Supporting Services		
General and Administrative	989,768	855,758
Membership	219,554	216,744
Total Supporting Services	1,209,322	1,072,502
Total Expenses	22,623,095	21,755,395
Increase in Unrestricted Net Assets	1,377,960	1,531,096
Unrestricted Net Assets, Beginning of Year	8,940,645	7,409,549
Unrestricted Net Assets, End of Year	\$ 10,318,605	\$ 8,940,645

\* See accompanying *Notes to Financial Statements* (beginning on page 27).



2017-18 STATEMENT OF CASH FLOWS

For the Year Ended September 30, 2018 (With Comparative Totals for the Year Ended September 30, 2017)

	2018	2017
Cash Flows from Operating Activities		
Increase in Unrestricted Net Assets	\$ 1,377,960	\$ 1,531,096
Adjustments to Reconcile Increase in Unrestricted Net Assets to Net Cash Provided by Operating Activities		
Depreciation and Amortization	378,207	327,272
Gain on Investments	(192,638)	(323,178)
Loss on Disposal of Property and Equipment and Intangible Asset	18,098	-
(Increase) Decrease in Assets		
Accounts Receivable	131,073	283,284
Prepaid Expenses and Other Current Assets	(36,426)	127,667
Investments in Deferred Compensation	(62,184)	(68,460)
Increase (Decrease) in Liabilities		
Accounts Payable and Accrued Expenses	(303,861)	32,763
Deferred Revenues	(326,247)	142,250
Deferred Compensation Payable	62,184	68,460
Net Cash Provided by Operating Activities	1,046,166	2,121,154
Cash Flows from Investing Activities		
Purchases of Property and Equipment and Intangible Assets	(578,218)	(390,082)
Proceeds from Redemptions/Sales of Investments	1,528,523	3,080,184
Purchases of Investments	(1,839,542)	(3,219,002)
Net Cash Used in Investing Activities	(889,237)	(528,900)
Net Increase (Decrease) in Cash and Cash Equivalents	156,929	1,592,254
Cash and Cash Equivalents, Beginning of Year	4,926,214	3,333,960
Cash and Cash Equivalents, End of Year	\$ 5,083,143	\$ 4,926,214

2017-18 NOTES TO FINANCIAL STATEMENTS

1. Organization

Accreditation Board for Engineering and Technology, Inc. (ABET) was organized in 1932 and incorporated in 1963. ABET accredits applied science, computing, engineering, and technology programs at colleges and universities throughout the United States as well as internationally. ABET also conducts faculty improvement workshops. ABET is supported primarily by accreditation fees, donated accreditation services, and membership assessments.

2. Summary of Significant Accounting Policies

Basis of Accounting

The accompanying financial statements are presented on the accrual basis of accounting. Consequently, revenue is recognized when earned and expenses when incurred.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America (US GAAP) requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

Cash and Cash Equivalents

ABET considers all highly-liquid investments with an initial maturity of three months or less, when purchased, to be cash equivalents.

Investments

Investments are stated at fair value. The valuation of the investments is based upon quotations obtained from national securities

exchanges. Where securities are not listed on an exchange, quotations are obtained from other published sources.

Accounts Receivable

Accounts receivable are reported at their outstanding balances reduced by an allowance for doubtful accounts, if necessary.

Management periodically evaluates the adequacy of the allowance for doubtful accounts by considering ABET's past receivables loss experience, known and inherent risks in the accounts receivable population, adverse situations that may affect a client's ability to pay, and current economic conditions.

The allowance for doubtful accounts is increased by charges to bad debt expense and decreased by charge offs of uncollectible accounts receivable balances. Accounts receivable are considered past due, and then charged off based on management's determination that they are uncollectible.

Property and Equipment and Intangible Assets

Acquisitions of property and equipment in excess of \$1,000 are capitalized. Property and equipment are stated at cost, if purchased, or at fair market value at date of donation, if contributed. Depreciation is provided over the estimated useful lives of the assets on a straight-line basis.

Costs of developing database software have been capitalized. Amortization will be provided over the estimated time the database will be utilized and will commence when the database is fully operational.

(continued)

\* See accompanying Notes to Financial Statements (beginning on page 27).



**Certificate of Deposit - Restricted**  
ABET has pledged a \$200,000 certificate of deposit to collateralize its American Express credit cards.

**Support and Revenues**

Revenue from membership assessments is recognized over the period to which the assessments relate, and revenue from professional services is recognized when the related services are performed. Accreditation fees are recognized when ABET releases its final reports.

Unrestricted contributions received for ABET’s programs are recognized as support when the donor has made an unconditional promise to give. Unless specifically restricted by the donor or the grantor, all contributions and grants are considered to be available for unrestricted use. Contributions that are restricted by the donor are reported as increases in unrestricted net assets if the restrictions expire (that is, when a stipulated time restriction ends or purpose restriction is accomplished) in the reporting period in which the revenue is recognized.

**Donated Services**

Donated services are recognized as contributions if the services (a) create or enhance nonfinancial assets or (b) require specialized skills, are performed by people with those skills, and would otherwise be purchased by ABET.

**Income Taxes**

ABET is exempt from income taxes under Section 501(c)(3) of the Internal Revenue Code (the Code). In addition, ABET has been determined by the Internal Revenue Service not to be a private foundation within the meaning of Section 509(a) of the Code.

ABET requires that a tax position be recognized or derecognized based on a “more-likely-than-not” threshold. This applies to positions taken or expected to be taken in a tax return. ABET does not believe its financial statements include, or reflect, any uncertain tax positions.

ABET’s IRS Form 990, Return of Organization Exempt from Income Tax, and related state filings are subject to examination by federal and state taxing authorities generally for three years after they were filed.

**Functional Allocation of Expenses**

The costs of providing the various programs and other activities have been summarized on a functional basis in the statements of activities. Accordingly, certain costs have been allocated among the programs and supporting services benefited.

**Reclassifications**

Certain prior year amounts have been reclassified for comparative purposes.

**3. Concentration of Credit Risk**

ABET maintains its cash balances at certain financial institutions which, at times, may exceed federally insured limits. ABET has not experienced any losses in such accounts and believes it is not exposed to any significant financial risk on cash.

**4. Fair Value Measurements**

The fair value hierarchy prioritizes the inputs to valuation techniques used to measure fair value into three broad levels as follows:

**Level 1** - inputs to the valuation methodology are quoted prices (unadjusted) for identical assets or liabilities in active markets (examples include mutual funds);

**Level 2** - inputs to the valuation methodology include quoted prices for similar assets and liabilities in active markets, and inputs that are observable for the asset or liability other than quoted prices, either directly or indirectly, including inputs in markets that are not considered to be active (examples include corporate or municipal bonds and certificates of deposit);

**Level 3** - inputs to the valuation methodology are unobservable and significant to the fair value measurement. The inputs into the determination of fair value require significant management judgment (examples include certain private equity securities and split interest agreements).

Categorization within the valuation hierarchy is based upon the lowest input that is significant to the fair value measurement.

The following presents ABET’s assets and liabilities measured at fair value as of September 30, 2017:

	Fair Value	Level 1	Level 2	Level 3
Certificate of Deposit	\$ 1,985,413	\$ —	\$ 1,985,413	\$ —
Certificate of Deposit - Restricted	\$ 200,000	\$ —	\$ 200,000	\$ —
Mutual Funds - Alternatives	\$ 344,874	\$ 344,874	\$ —	\$ —
Mutual Funds - Fixed Incomes	\$ 916,328	\$ 916,328	\$ —	\$ —
Mutual Funds - Equities	\$ 848,905	\$ 848,905	\$ —	\$ —
Mutual Funds - Exchange Traded Funds	\$ 1,493,796	\$ 1,493,796	\$ —	\$ —
Investment in Deferred Compensation - Mutual Funds	337,762	337,762	—	—
Total Assets at Fair Value	\$ 6,127,078	\$ 3,941,665	\$ 2,185,413	\$ —
Deferred Compensation Liability	\$ 337,762	\$ 337,762	\$ —	\$ —
Total Liabilities at Fair Value	\$ 337,762	\$ 337,762	\$ —	\$ —

The following presents ABET's assets and liabilities measured at fair value as of September 30, 2016:

	Fair Value	Level 1	Level 2	Level 3
Certificate of Deposit	\$ 1,736,529	\$ —	\$ 1,736,529	\$ —
Certificate of Deposit - Restricted	\$ 200,000	\$ —	\$ 200,000	\$ —
Mutual Funds - Alternatives	313,605	313,605	—	—
Mutual Funds - Fixed Income	835,660	835,660	—	—
Mutual Funds - Equities	789,710	789,710	—	—
Mutual Funds - Exchange Traded Funds	1,410,155	1,410,155	—	—
Investment in Deferred Compensation - Mutual Funds	275,578	275,578	—	—
Total Assets at Fair Value	\$ 5,561,237	\$ 3,624,708	\$ 1,936,529	\$ —
Deferred Compensation Liability	\$ 275,578	\$ 275,578	\$ —	\$ —
Total Liabilities at Fair Value	\$ 275,578	\$ 275,578	\$ —	\$ —

ABET’s Level 2 investments are valued based on readily available pricing sources for comparable investments.

**5. Property and Equipment and Intangible Assets - Net**

The major components of property and equipment and intangible assets are as follows:

Land	\$ 360,000
Building	2,107,959
Learning Center	1,056,795
Information Management Systems	705,021
Information Management Systems – In Development	1,092,642
Equipment	618,731
Furniture and Fixtures	256,950
Computer Software	310,258
Intangible Assets	57,939
Subtotal	6,566,295
Less Accumulated Depreciation and Amortization	(2,256,828)
Net Property and Equipment	\$ 4,309,467

**6. Donated Services**

ABET records donated services for accreditation services rendered by the volunteer commissioners and program evaluators. During the years ended September 30, 2018 and 2017, ABET recorded approximately \$11,032,000 and \$10,926,000, respectively, of donated services and accreditation expense in the statements of activities, which represents approximately 76,000 hours of donated time for each year.

(continued)



7. Retirement Plan

ABET has a 403(b) retirement plan open to all employees. Employees are eligible for matching contributions after six months of employment, but can elect to defer their wages immediately. ABET contributes up to 8% of a participant’s compensation, subject to statutory limits, provided the participant’s elective deferrals equal or exceed 5% of compensation. ABET’s contribution to the retirement plan was approximately \$206,000 and \$190,000 for the years ended September 30, 2018 and 2017, respectively.

8. Deferred Compensation Plan

Effective July 1, 2013, ABET established a nonqualified 457(b) deferred compensation plan (the 457 Plan) for certain highly compensated employees. The 457 Plan requires that ABET establish and maintain a book entry account on behalf of the employees for participant salary deferrals and investment experience related to the 457 Plan. Employer contributions are not permitted. ABET is not liable for any specific investment success nor is it required to restore any loss of principal that may occur due to market conditions. Under current law, such funds remain the assets of ABET and, as such, are subject to the creditors of ABET.

9. Related Party Transactions

ABET Foundation, Inc., (the Foundation), a nonprofit corporation, is a supporting organization of ABET. ABET provides services to the Foundation under an Administrative Support Agreement (the Agreement). For the years ended September 30, 2018 and 2017, ABET charged the Foundation approximately \$8,000 and \$27,000, respectively, for services under the Agreement.

10. Employment Agreement

In March of 2015, ABET entered into an employment agreement with its Executive Director (ED). If the ED is terminated for any reason other than cause, as defined in the employment agreement, ABET will pay severance based on the terms of the employment agreement.

11. Subsequent Events

ABET has evaluated subsequent events through April 25, 2019, the date on which the financial statements were available to be issued.

Accreditation Board for Engineering and Technology, Inc.							
Schedule of Expenses without Indirect Expense Allocation							
For the Year Ended September 30, 2018							
(With Comparative Totals for the Year Ended September 30, 2017)							
	Accreditation	Professional Services	Governance	Planning & Operations	Membership	2018 Total Expenses	2017 Total Expenses
Professional Fees	\$ 11,535,512	\$ 309,214	\$ 74,086	\$ 418,068	\$ -	\$ 12,336,880	\$ 12,170,101
Salaries and Related Expenses	1,332,149	561,795	721,352	1,608,405	219,554	4,443,255	4,266,341
Travel	2,580,861	177,716	128,100	17,046	-	2,903,723	2,719,351
Hosted Meeting	432,177	634,260	202,462	8,055	-	1,276,954	1,260,491
Office Expense	57,591	74,976	7,149	116,847	-	256,563	293,569
Occupancy	146	-	90	148,482	-	148,718	114,733
Insurance	38,258	-	7,943	35,018	-	81,219	76,956
Bank Fees	5,414	45,378	-	25,240	-	76,032	87,179
Staff Development and Morale	4,556	24,678	2,142	81,175	-	112,551	97,414
Membership Dues - Organizations	-	6,975	19,697	10,464	-	37,136	45,986
Meeting Registration	-	11,934	12,488	2,869	-	27,291	16,563
Marketing	33	247,785	-	-	-	247,818	173,188
Volunteer Registration	43,063	625	8,402	3	-	52,093	57,405
Individual Membership Dues	224	234	(306)	2,242	-	2,394	7,617
Depreciation and Amortization	-	-	-	378,207	-	378,207	327,272
Bad Debt Expense	-	-	-	214,680	-	214,680	38,346
Miscellaneous	-	1,190	168	26,223	-	27,581	2,883
Total Expenses without Indirect Expense Allocation	\$ 16,029,984	\$ 2,096,760	\$ 1,183,773	\$ 3,093,024	\$ 219,554	\$ 22,623,095	\$ 21,755,395



2017-18 BOARD OF DIRECTORS

The ABET Board of Directors is the governing body responsible for strategic planning, financial oversight and managing the external relationships of our organization. It is also the final review body for appeal of decisions regarding accreditation actions for a specific program.

Our Board of Directors is comprised of 13 members: a President, President-Elect, Past-President, Secretary, Treasurer, four Area Directors, two At-Large Directors, one Public Director and the Executive Director/CEO (non-voting).

The Board of Directors is advised by three board-level councils – Academic, Industry and Global.

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University of Colorado at Boulder  
Engineering Center

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Bechtel Infrastructure and Power  
Corporation

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Virginia Polytechnic Institute  
and State University

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The Ohio State University

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**Applied and Natural Science Area Director**  
Hamid Fonooni, Ph.D.  
CH2M Hill Constructors

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The Boeing Company (Retired)

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University of Wisconsin - Madison

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Nicole Chestang & Assoc., LLC

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ABET

2017-18 BOARD OF DELEGATES

The ABET Board of Delegates is responsible for approving accreditation policies and procedures, general criteria and the organization of our accreditation commissions.

Our Board of Delegates is comprised of 1-3 representatives from each of ABET’s 36 member societies. The number of seats on the Board of Delegates is determined by the number of accredited programs for which the society is responsible. The President-Elect serves as a non-voting Chair of the Board of Delegates.

The Board of Delegates is advised by one board-level council – Accreditation.

**AAEES – American Academy of Environmental Engineers and Scientists**  
John H. Koon, Ph.D.  
Georgia Institute of Technology

**AAMI – Association for the Advancement of Medical Instrumentation**  
Steven J. Yelton, P.E., CHTM  
Cincinnati State Technical and Community College

**ACerS/NICE – The American Ceramic Society’s National Institute of Ceramic Engineers**  
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New York State College of Ceramics at Alfred University

**AIAA – American Institute of Aeronautics and Astronautics**  
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Purdue University

**AIChE – American Institute of Chemical Engineers**  
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Auburn University  
  
Thomas W. Peterson, Ph.D.  
University of California

**AIHA – American Industrial Hygiene Association**  
Lawrence W. Whitehead, Ph.D., FAIHA  
University of Texas-Houston

**ANS – American Nuclear Society**  
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AREVA Inc.

**ASABE – American Society of Agricultural and Biological Engineers**  
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Van C. Kelley, P.E.  
South Dakota State University

**ASCE – American Society of Civil Engineers**  
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Southern Polytechnic State University  
  
Thomas Lenox, Ph.D.  
American Society of Civil Engineers

Col. Steven J. Ressler, Ph.D., P.E.  
United States Military Academy

**ASEE – American Society for Engineering Education**  
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Texas A&M University

David S. Dolling, Ph.D.  
The George Washington University

**ASHRAE – American Society of Heating, Refrigerating, and Air-Conditioning Engineers**  
Mike Brandemuehl  
University of Colorado

**ASME - American Society of Mechanical Engineers**  
Raju Dandu  
Kansas State University

Mary Kasarda  
Virginia Polytechnic Institute and State University

William Wepfer  
Georgia Institute of Technology

**ASSE – American Society of Safety Engineers**  
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Indiana University of Pennsylvania

**BMES – Biomedical Engineering Society**  
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Georgia Institute of Technology

John D. Gassert, Ph.D., P.E  
Milwaukee School of Engineering

**CMAA – Construction Management Association of America**  
Walt Norko

**CSAB, Inc.**  
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University of Louisiana at Lafayette

Ken Martin, Ph.D.  
University of North Florida

Andrew T. Phillips  
United States Naval Academy

**IEEE - Institute of Electrical and Electronics Engineers**  
Kenneth Cooper  
Westinghouse Savannah River Co (Retired)



Stephen M. Phillips, Ph.D.  
Arizona State University

S.K. Ramesh, Ph.D.  
California State University,  
Northridge

**IISE – Institute of Industrial & Systems Engineers**  
J. Turner Hughey, M.S.  
Chromcraft Corporation

Jessica (Matson) Oswalt, Ph.D.  
Tennessee Technological University

**INCOSE – International Council on Systems Engineering**  
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Systems Engineering Associates

**ISA – International Society of Automation**  
Robert P. Kosar

**MRS – Materials Research Society**

Todd C. Hufnagel  
Johns Hopkins University

**NACME – National Action Council for Minorities in Engineering**  
TBD

**NCEES – National Council of Examiners for Engineering and Surveying**  
David L. Whitman, Ph.D., P.E.  
University of Wyoming

**NSPE – National Society of Professional Engineers**  
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Tetra Tech, Inc.

**NSPS – National Society of Professional Surveyors**  
Robert Schmidt

**SAE International**  
Frank Hughes, Ph.D.  
The Boeing Company (Retired)

**SFPE – Society of Fire Protection Engineers**  
Louis Guerrazzi, M.S.  
Society of Fire Protection Engineers

**SME – Society of Manufacturing Engineers**  
Kolleen Schneider  
Andersen Windows

**SME-AIME – Society for Mining, Metallurgy, and Exploration**  
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University of Memphis

**SNAME – Society of Naval Architects and Marine Engineers**  
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United States Coast Guard

**SPE – Society of Petroleum Engineers**  
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Texas Tech University

**SPIE – The International Society for Optics and Photonics**  
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New Mexico Institute of Mining and Technology

**SWE – Society of Women Engineers**  
Suzanne McIntosh  
New York University

**TMS – The Minerals, Metals, and Materials Society**  
Gillian Bond  
New Mexico Tech Materials Engineering

**WEPAN – Women in Engineering ProActive Network**  
Deborah Trytten  
University of Oklahoma

# 2017-18 ACADEMIC ADVISORY COUNCIL

The Academic Advisory Council (AAC) provides ABET leadership with access to academic viewpoints on issues of accreditation; applied and natural science, computing, engineering and engineering technology education; matters affecting the relevant professions; reactions to proposed ABET programs, procedures and policies as they relate to the education sector of ABET constituencies; and also provide opportunities for enhancing communication between ABET and the academic community.

The AAC develops and implement mechanisms to stimulate the involvement of diverse elements of the academic community in the work of ABET through increased participation as Board members, members of the Accreditation Commissions, program evaluators, committee members and attendees of ABET professional development events.

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Kettering University



2017-18 INDUSTRY ADVISORY COUNCIL

The Industry Advisory Council (IAC) provides the ABET Board of Directors with valuable perspectives on ABET’s accreditation programs and procedures. ABET has charged the IAC to:

- Provide industry and government viewpoints on accreditation
- Review proposed changes in ABET programs and policies
- Stimulate industrial firms’ involvement in ABET’s work

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2017-18 GLOBAL COUNCIL

The Global Council formulates and recommends policies and procedures regarding ABET’s global activities to the Board of Directors for approval. These include participation in Mutual Recognition Agreements (MRAs) and Memoranda of Understanding (MOUs) with other quality assurance organizations outside of the U.S.

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2017-18 ACCREDITATION COUNCIL

The Accreditation Council formulates and recommends policies and procedures regarding the ABET accreditation processes to ABET leadership. Particular emphasis is placed upon process improvement and process uniformity across the commissions.

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Cumming Construction Management, Inc.

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North Carolina Geodetic Survey

**NSPS – National Society of Professional Surveyors**

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Spaceco, Inc.

Jason G. Racette  
Boundary Consulting Experts, LLC

Gary W. Thompson  
North Carolina Geodetic Survey

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Purdue University Calumet



# 2017-18 COMPUTING ACCREDITATION COMMISSION

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University of Hawaii at Manoa
- Cary Laxer  
Rose-Hulman Institute of Technology
- Shari Plantz-Masters  
Regis University
- Pearl Y. Wang  
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Michael S. Leonard, Ph.D., P.E.

Adjunct Directors,  
Professional Development  
Daina Briedis, Ph.D.

Gloria Rogers, Ph.D.

Adjunct Director,  
Training and Instruction  
James N. Warnock, Ph.D.

Information Management

Director, Information Management  
Joseph A. Luksic

Software Architect  
Hwan-Kyung Chung, M.S.

Software Applications Developer  
Tyler Beard

Joshua Canella

Michael Marshall

Front End Software  
Applications Developer  
Shannon Fitzgerald

Quality Assurance Analyst  
Sukriti Baskota Baral

Specialist, IT Support and  
Quality Systems  
Nicholas Ryan

Communications and  
Marketing

Chief Marketing Officer  
Danielle Duran Baron, M.A.

Senior Specialist, Marketing  
Michael Le

Senior Graphic Designer  
Dan Losapio

Specialist, Brand and Events  
Susan Parker

Coordinator, Communications and  
Marketing  
Jocelyn Hopkins

Coordinator, Communications and  
Marketing  
Adrienne Gonzalez

Constituent Relations

Chief Constituent Relations  
Officer  
Charles W. Hickman, M.A.

Senior Specialist, Delegation  
Operations  
Stacey Taylor

Finance and Operations

Chief Financial Officer,  
Chief Operating Officer  
Jessica A. Silwick, CPA

Manager, Accounting  
Kimberly Turner

Director, Human Resources and  
Operations  
Rachelle R. Daucher, M.S., PHR

Coordinator, Human Resources  
and Program Offerings  
Chris Russo

Coordinator, Facilities and  
Operations  
Troy Wadzink

Staff Accountant  
Kennard Brown

Robert Hogue

Assistant, Office Support  
Diamond Foster





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