



IEEE: Member Grades

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Outline

- ▶ IEEE at a Glance
- ▶ IEEE Membership:
 - Grades and Elevation Processes
 - Statistics
- ▶ IEEE in Jordan

IEEE at a Glance

The Founding of IEEE

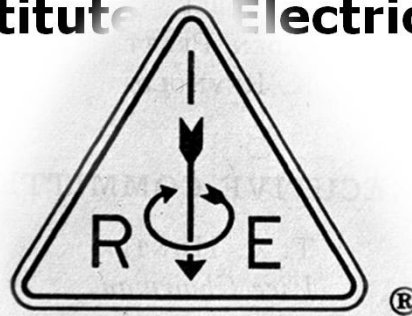
1884 1912 1963 Present

Thomas Edison, Alexander Graham Bell, and other notables founded the **American Institute of Electrical Engineers.**



AIEE

American Institute
of Electrical Engineers



IRE

Institute of Radio
Engineers

Pioneers of wireless technologies and electronics founded the **Institute of Radio Engineers.**


AIEE and IRE merged to become the Institute of Electrical and Electronics Engineers, or **IEEE.**

IEEE Today at a Glance

Our Global Reach


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423,000
Members



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39
Technical Societies



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160
Countries



Our Technical Breadth


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1,800
Annual Conferences




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4,000,000
Technical Documents



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200
Top-cited Periodicals



IEEE Membership Grades and Elevation

Member Grades

- ▶ Student Member
- ▶ Graduate Student Member
- ▶ Associate Member

- ▶ Member
- ▶ Senior Member
- ▶ Fellow Member

- ▶ Life Member
- ▶ Society Affiliate

Member Grades

Student Member

Must carry at least 50% of a normal full-time academic program as a registered undergraduate student in a regular course of study in **IEEE-designated fields**.

Student members, upon graduation or upon reaching the eight-year limit, with a baccalaureate or higher degree (or its equivalent) from an accredited institution in an IEEE-designated field will be transferred automatically to member grade.

IEEE Designated Fields: Engineering, Computer Sciences and IT, Physical Sciences, Biological and Medical Sciences, Mathematics, Technical Communications, Education, Management, and Law and Policy.

Member Grades

Graduate Student Member

Must carry at least 50% of a normal full-time academic program as a registered graduate student in a regular course of study in IEEE-designated fields.

Graduate Student members, upon graduation or upon reaching the total cumulative eight-year limit as a Graduate Student member (whichever occurs first), will be transferred automatically to member grade.

Member Grades

Associate Member

This grade is designed for technical and non-technical individuals who do not meet the qualifications for member grade but who wish to benefit from membership and partnership in IEEE, and for those who are progressing, through continuing education and work experience, toward qualifications for member grade.

Member Grades

Member

This grade is limited to those who have satisfied IEEE-specified educational requirements and/or who have demonstrated professional competence in IEEE-designated fields of interest. For admission or transfer to the grade of member, a candidate may be either:

- ▶ An individual who has received a three- to five-year university-level or higher degree from an accredited institution or program and in an IEEE-designated field
- ▶ An individual who has received a three- to five-year university-level or higher degree from an accredited institution or program and who has at least three years of professional work experience engaged in teaching, creating, developing, practicing, or managing in IEEE-designated field
- ▶ An individual who, through at least six years of professional work experience, has demonstrated competence in teaching, creating, developing, practicing, or managing within IEEE-designated fields

Member Grades

Senior Member

This is the highest grade for which application may be made and requires experience reflecting professional maturity. For admission or transfer to the grade of Senior member, a candidate shall be an engineer, scientist, educator, technical executive, or originator in IEEE-designated fields.

The candidate shall have been in professional practice for at least **ten years** and shall have shown significant performance over a period of at least five of those years, such performance including one or more of the following:

- ▶ Substantial responsibility or achievement
- ▶ Publication of papers, books, or inventions
- ▶ Technical direction or management of important work with evidence of accomplishment
- ▶ Recognized contributions to the welfare of the professions
- ▶ Development or furtherance of important courses at an institution in the REP list
- ▶ Contributions equivalent to those of the above areas

Member Grades

Fellow Member

The grade of Fellow **recognizes unusual distinction in the profession** and is conferred only by invitation of the Board of Directors upon a person with an extraordinary record of accomplishments in any of IEEE's designated fields of interest.

The candidate shall hold Senior member grade at the time the nomination is submitted. Normally, the candidate shall have been a member in any grade for a period of five years or more.

Member Grades

Life Member

The designation Life Member is applicable only to a member who has reached the age of 65 years and who has been a member of IEEE for such a period that the sum of his/her age and his/her years of membership equals or exceeds 100 years.

Basic dues and assessments are waived for those achieving Life Member status.

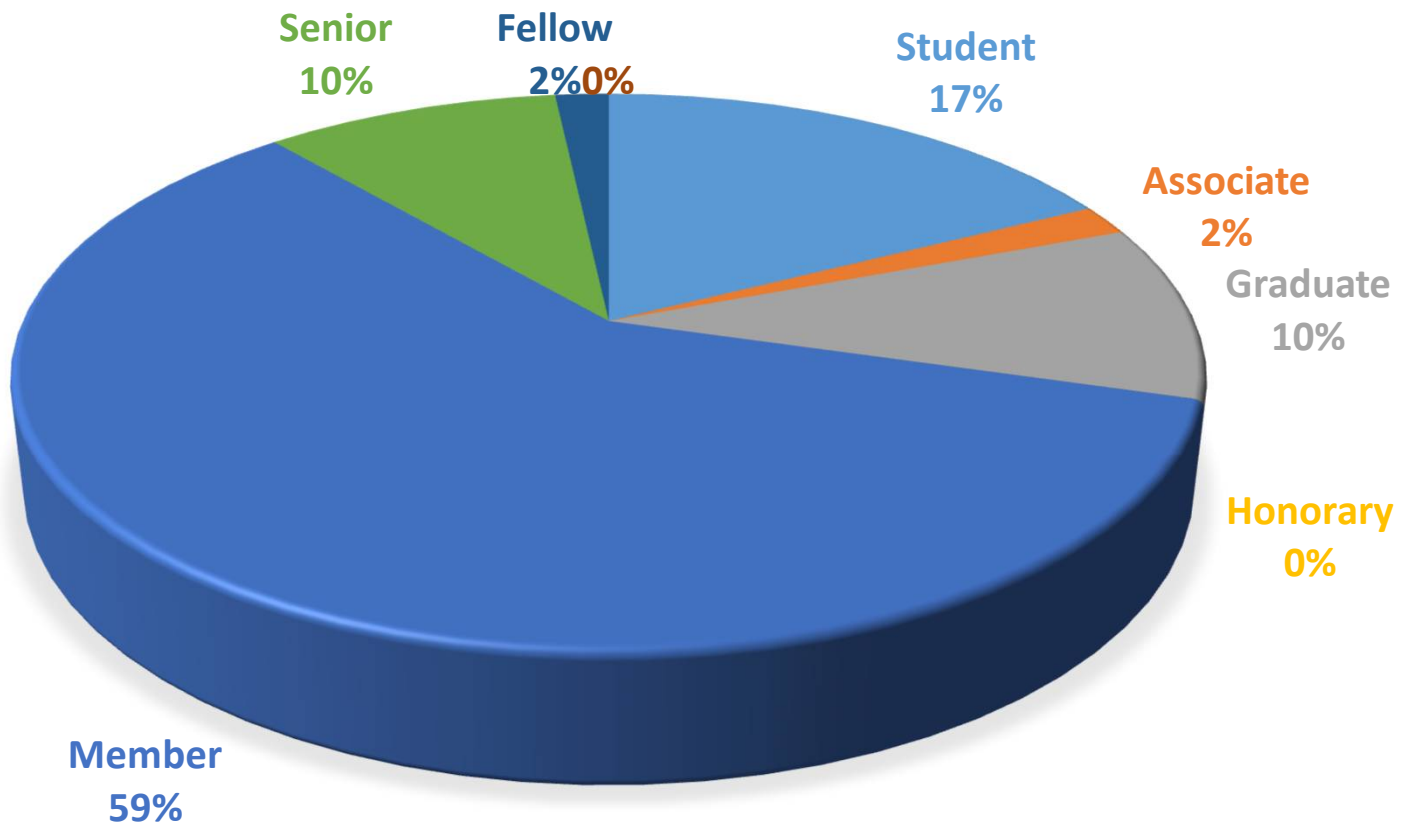
Member Grades

Society Affiliate

Is a member of an IEEE Society. Society affiliates are not IEEE members and are not entitled to any IEEE benefits or services that are reserved solely for IEEE members. All affiliate benefits and services come directly from the individual IEEE Society offering affiliation. For each Society one is affiliated with, the applicant pays a separate annual affiliate fee plus that IEEE Society's annual membership dues. Affiliate applications are provided by individual IEEE Societies offering affiliation.

IEEE Member Statistics

Student	74,136
Associate	7,454
Graduate	43,171
Honorary	30
Member	250,839
Senior	40,572
Fellow	7,364
	423,566



IEEE in Jordan

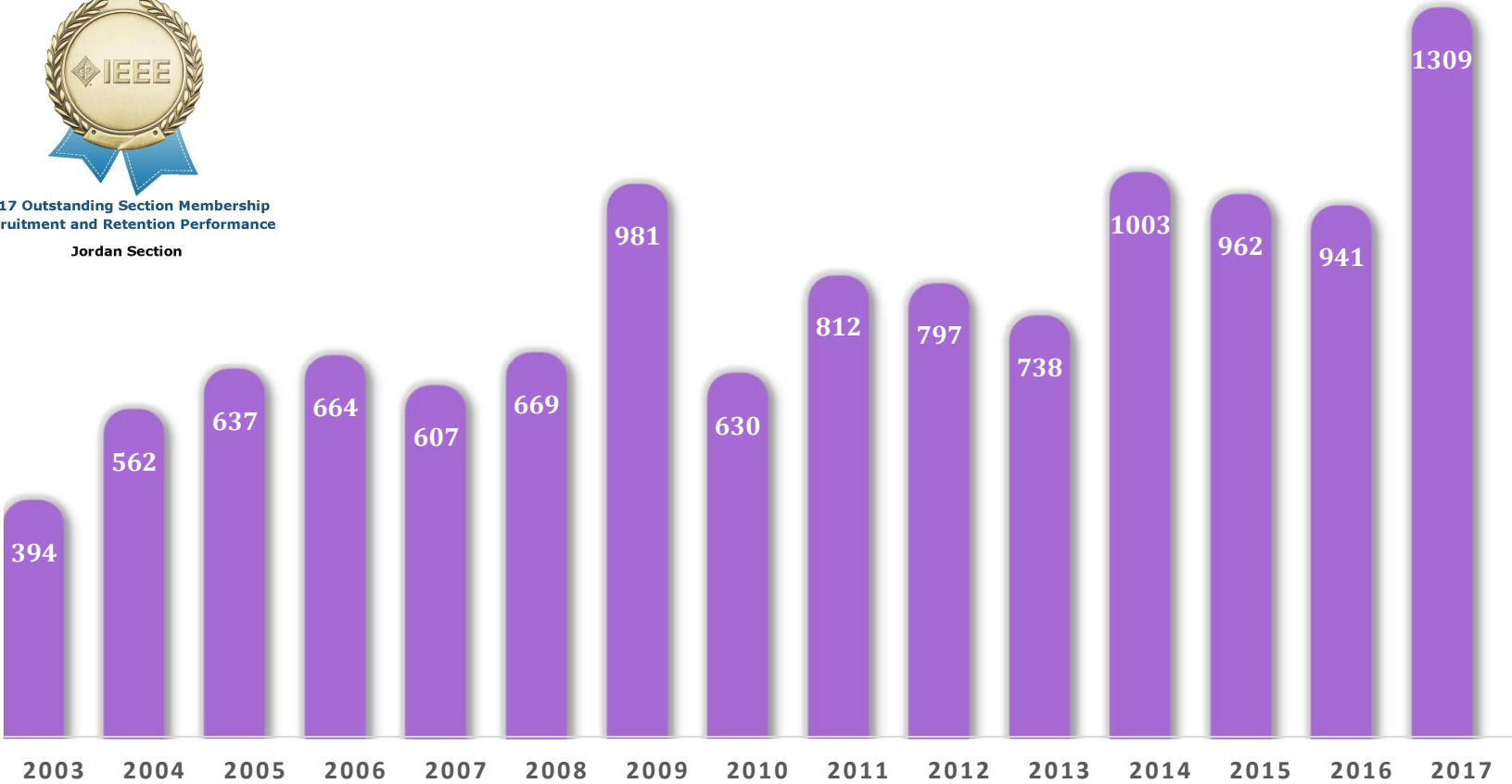
Established in 1999

Jordan Section Membership Growth

Nov 22, 2017



2017 Outstanding Section Membership Recruitment and Retention Performance
Jordan Section



IEEE in Jordan

- ▶ **6** chapters
- ▶ **15** active student branches
- ▶ **2** affinity groups
 - Women in Engineering (**66+545**)
 - Young Professionals (**174**)

Member	Count
Student	1004
Graduate Student	18
Associate	19
Member	217
Senior	47
Fellow	1
Affiliate	3
Total	1,309

Chapters



Society	Members	Students	Total
Joint Computational Intelligence and Computer	47	157	204
Communications	31	33	64
Joint Power and Energy, Dielectrics and Electrical Insulation	62	408	470
Robotics and Automation	25	93	118
Industrial Applications	60	447	507
Engineering in Medicine and Biology	15	94	109

Student Branches



1. The University of Jordan (216)



2. Hashemite University (148)



3. Yarmouk University (141)



4. Jordan University of Science and Technology (136)



5. Al-Balqa Applied University (93)



6. Al-Zaytoonah University of Jordan (53)



7. Princess Sumaya University for Technology (83)



8. Al-Huson University College (38)



9. Philadelphia University (18)



10. German Jordanian University (15)

11. Al-Hussein Bin Talal University (14)

12. Tafila Technical University (12)

13. Al-Ahliyyah Amman University (10)

14. Mutah University (6)

15. Applied Science University (5)

Thank you

- ▶ IEEE – Jordan Section

<http://sites.ieee.org/jordan/>

- ▶ IEEE – Advancing Technology for Humanity

<http://ieee.org>