

Table HED-2

Certificates awarded in S&E technologies for selected levels, by field: 2019

(Number)

Field	Certificates
All fields	756,950
S&E	50,363
Non-S&E	706,587
S&E technologies	257,782
Engineering technologies	65,521
Engineering technology, general	912
Architectural engineering technologies/ technicians	268
Audiovisual communications technologies/ technicians	2,641
Civil engineering technologies/ technicians	154
Communications technologies/ technicians and support services, other	21
Communications technology/ technician	160
Computer engineering technologies/ technicians	1,262
Construction engineering technologies	576
Drafting/ design engineering technologies/ technicians	2,811
Electrical engineering technologies/ technicians	3,944
Electromechanical instrumentation and maintenance technologies/ technicians	4,841
Engineering-related fields	0
Engineering-related technologies	311
Environmental control technologies/ technicians	5,077
Industrial production technologies/ technicians	6,753
Mechanical engineering related technologies/ technicians	2,154
Mining and petroleum technologies/ technicians	339
Nanotechnology	16
Nuclear engineering technologies/ technicians	17
Precision metal working	32,373
Quality control and safety technologies/ technicians	696
Engineering technologies/ technicians, other	195
Health technologies	189,000
Allied health and medical assisting services	44,851
Allied health diagnostic, intervention, and treatment professions	30,363
American Sign Language	1,084
Clinical/ medical laboratory science/ research and allied professions	7,426
Dental support services and allied professions	10,929
Dietetics and clinical nutrition services	84
Health aides/ attendants/ orderlies	2,005
Health and medical administrative services	19,863
Health/ medical preparatory programs	918
Medical illustration and informatics	49
Mental and social health services and allied professions	5,820
Ophthalmic and optometric support services and allied professions	398
Practical nursing, vocational nursing and nursing assistants	65,089
Rehabilitation and therapeutic professions	121
Science technologies	3,204
Science technologies/ technicians, general	6
Biology technician/ biotechnology laboratory technician	333
Nuclear and industrial radiologic technologies/ technicians	161
Physical science technologies/ technicians	2,038
Science technologies/ technicians, other	666
Other S&E technologies	57
Intelligence, command control and information operations	20

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(Number)

Field	Certificates
Military applied sciences	21
Military systems and maintenance technology	9
Military technologies and applied sciences, other	7

Note(s):

Awards at the detailed field level in this table will not match other tables and figures in this report due to the allocation of all Industrial production technologies/technicians awards under Engineering technologies. Data only include awards of less than 1 academic year and awards of at least 1 but less than 2 academic years.

Source(s):

National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Completions Survey.

Science and Engineering Indicators