DATABYTES COMPILED BY CAROLYN WILSON

+9% Marine Engineers/ Naval Architects

9% Environmental Engineering Technicians

	+5% Drafters All Other
+5% Surveying / Mapping Technicians	+ 5% Civil Engineering Technicians
+5% Aerospace Engineering/ Operations Technicians	+4° Electrical

ngineering and engineering technology employment will grow in the coming decade, though not as rapidly as the overall science, technology, engineering, and mathematics (STEM) workforce, according to the latest U.S. Bureau of Labor Statistics (BLS) estimates. Engineering jobs, which include positions filled by both engineering and engineering technology degree holders, will see a 5 percent increase, from 2,019,300 in 2018 to 2,115,100 by 2028. Engineering technician jobs, which typically require a two-year degree, will grow by 2 percent over the decade, from 701,300 in 2018 to 712,800 in 2028. BLS does not have a job category for computer science, instead listing computational and mathematical occupations. But those two fields will be the main drivers of an overall 9 percent growth in STEM occupations, from 9,708,300 jobs in 2018 to 10,566,800 jobs in 2028. Computational jobs will increase by 12 percent and mathematical jobs by 26 percent during the decade to accommodate the growing application of machine learning and AI technology in industry.

Data source: United States Bureau of Labor Statistics Employment Projections released September 2019

	Technicians Electrical and Electronics Drafters			
X	Occupation (Engineering Technicians/Technologists)	2018	2028	+ 3% Mechanical Engineering Technicians + 3% Engineering Technicians
X	Architectural and Civil Drafters	101,200	103,000	(All Other)
	Electrical and Electronics Drafters	25,600	26,500	Civil Drafters
	Mechanical Drafters	58,000	54,000	
	Drafters, All Others	15,000	15,700	Electrical/
×	Aerospace Engineering/ Operations Technicians	10,500	11,000	+ 70 Mechanical Technicians 0% Electronics Engineering Technicians
	Civil Engineering Technicians	73,800	77,400	
×	Electrical and Electronics Engineering Technicians	130,500	130,700	Industrial Engineering Technicians -1%
	Electro-mechanical Technicians	14,000	14,100	Mechnical
	Environmental Engineering Technicians	17,900	19,500	Drafters
	Industrial Engineering Technicians	68,300	67,800	VEY
	Mechanical Engineering Technicians	42,600	43,800	
×	Engineering Technicians, (Except Drafters) All Other	87,100	89,400	Engineering Growth Technology
	Surveying and Mapping Technicians	56,800	59,900	
				C Engineering Occline

+11% Engineering Teachers (Postsecondary)

+8% Industrial Engineers

Occupation (Engineering)	2019	2020
Architectural (Engineering)	2018	2028
Architectural/Engineering Managers	192,500	197,900
Aerospace Engineers	67,200	68,300
Agricultural Engineers	2,600	2,800
Biomedical Engineers	19,800	20,500
Chemical Engineers	33,900	36,000
Civil Engineers	326,800	347,300
Computer Hardware Engineers	64,400	68,400
Electrical Engineers	191,900	201,100
Electronics Engineers (No Computers)	138,500	137,300
Environmental Engineers	55,400	58,300
Health and Safety Engineers	27,000	28,400
Industrial Engineers	284,600	308,800
Marine Engineers/ Naval Architects	11,700	12,700
Materials Engineers	27,700	27,700
Mechanical Engineers	312,900	325,700
Mining and Geo Engineers	5,900	6,100
Nuclear Engineers	17,700	17,600
Petroleum Engineers	33,500	34,300
Engineering Teachers (Postsecondary)	47,500	52,800

