Bucks County Community College: STEM Associate of Science: Engineering (AS.1028) Vertical shaded areas indicate recessions, the 2020 recession is ongoing. All 2020 data is forecasted. Region includes 5 NJ and 67 PA counties: Burlington, Camden, Gloucester, Mercer, Middlesex, Adams, Allegheny, Armstrong, Beaver, Bedford, Berks, Blair, Bradford, Bucks, Butler, Cambria, Cameron, Carbon, Centre, Chester, Clarion, Clearfield, Clinton, Columbia, Crawford, Cumberland, Dauphin, Delaware, Elk, Erie, Fayette, Forest, Franklin, Fulton, Greene, Huntingdon, Indiana, Jefferson, Juniata, Lackawanna, Lancaster, Lawrence, Lebanon, Lehigh, Luzerne, Lycoming, McKean, Mercer, Mifflin, Monroe, Montgomery, Montour, Northampton, Northumberland, Perry, Philadelphia, Pike, Potter, Schuylkill, Snyder, Somerset, Sullivan, Susquehanna, Tioga, Union, Venango, Warren, Washington, Wayne, Westmoreland, Wyoming, York \$120,000 \$117,910 Median Annual Earnings \$110,000 \$100,000 **Aerospace Engineers** Bachelor's degree \$90,000 \$80,000 \$90,000 Median Annual Earnings \$80,000 \$75,934 **Agricultural** Bachelor's degree \$70,000 **Engineers** \$60,000 \$50,000 \$151,848 Median Annual Earnings \$140,000 **Architectural and** Bachelor's degree **Engineering** \$120,000 Managers \$100,000 \$97,709 Median Annual Earnings \$90,000 **Biochemical** Bachelor's \$80,000 degree **Engineers** \$70,000 \$80,000 Median Annual Earnings \$77,828 \$75,000 **Biomedical** Bachelor's degree **Engineers** \$70,000 \$65,000 \$103,462 \$100,000 Median Annual Earnings \$90,000 **Chemical Engineers** Bachelor's degree \$80,000 \$86,328 \$85,000 Median Annual Earnings \$80,000 \$75,000 **Civil Engineers** Bachelor's degree \$70,000 \$65,000 \$114,956 \$110,000 Median Annual Earnings \$100,000 Computer Hardware Bachelor's degree **Engineers** \$90,000 \$80,000 \$97,356 Median Annual Earnings \$90,000 **Electrical Engineers** Bachelor's degree \$80,000 \$70,000 \$100,000 \$98,950 Median Annual Earnings \$95,000 \$90,000 **Electronics** Bachelor's degree **Engineers, Except** \$85,000 Computer \$80,000 \$97,709 Median Annual Earnings \$90,000 **Energy Engineers** Bachelor's \$80,000 degree \$70,000 \$90,000 \$88,689 Median Annual Earnings \$85,000 \$80,000 **Environmental** Master's or Professional **Engineers** degree \$75,000 \$70,000 \$104,102 \$100,000 Earnings \$90,000 Median Annual Fire-Prevention and \$80,000 degree **Protection Engineers** \$70,000 \$83,698 Median Annual Earnings \$80,000 **Fuel Cell Engineers** Bachelor's \$75,000 degree \$70,000 \$85,317 \$85,000 \$80,000 **Median Annual Human Factors** Master's or \$75,000 Professional **Engineers and** degree **Ergonomists** \$70,000 \$85,317 \$85,000 Median Annual Earnings \$80,000 Industrial Engineers Bachelor's \$75,000 degree \$70,000 \$104,102 \$100,000 Median Annual Earnings \$90,000 Industrial Safety and Bachelor's degree \$80,000 **Health Engineers** \$70,000 \$97,709 Median Annual Earnings \$90,000 Manufacturing Bachelor's \$80,000 degree **Engineers** \$70,000 \$120,000 Median Annual Earnings \$110,000 \$100,000 \$94,999 **Marine Engineers** Bachelor's degree \$90,000 \$80,000 \$70,000 \$90,537 \$90,000 Median Annual Earnings \$80,000 Materials Engineers Bachelor's degree \$70,000 \$83,698 Median Annual Earnings \$80,000 Mechanical Bachelor's \$75,000 degree **Engineers** \$70,000 \$97,709 Median Annual Earnings \$90,000 Mechatronics Bachelor's \$80,000 degree **Engineers** \$70,000 \$97,709 Median Annual Earnings \$90,000 Microsystems Bachelor's \$80,000 degree **Engineers** \$70,000 \$90,361 \$90,000 Median Annual Earnings \$80,000 Mining and Bachelor's \$70,000 degree Geological **Engineers, Including Mining Safety** \$60,000 **Engineers** \$97,709 Median Annual Earnings \$90,000 Nanosystems Master's or \$80,000 Professional **Engineers** degree \$70,000 \$110,000 \$110,444 Median Annual Earnings \$100,000 **Nuclear Engineers** Bachelor's degree \$90,000 \$80,000 \$120,000 \$111,750 Median Annual Earnings \$100,000 **Petroleum Engineers** Bachelor's degree \$80,000 \$60,000 \$97,709 Median Annual Earnings \$90,000 **Photonics Engineers** Bachelor's \$80,000 degree \$70,000 \$104,102 \$100,000 Median Annual Earnings \$90,000 **Product Safety** Bachelor's degree \$80,000 **Engineers** \$70,000 \$97,709 Median Annual Earnings \$90,000 **Robotics Engineers** Bachelor's \$80,000 degree \$70,000 \$97,709 Median Annual Earnings \$90,000 **Solar Energy Systems** Bachelor's \$80,000 degree **Engineers** \$70,000 \$86,328 \$85,000 Median Annual Earnings \$80,000 \$75,000 **Transportation** Bachelor's degree **Engineers** \$70,000 \$65,000 \$97,709 **Median Annual Earnings** \$90,000 Validation Engineers Bachelor's \$80,000 degree \$70,000 \$90,000 \$88,689 Median Annual Earnings \$85,000 Water/Wastewater Bachelor's \$80,000 degree **Engineers** \$75,000 \$70,000 \$97,709 Median Annual Earnings \$90,000 **Wind Energy** Bachelor's \$80,000 degree **Engineers** \$70,000 2004 2006 2008 2010 2012 2014 2016 2018 2020 2022 Source: Bucks County Community College (2020 Annual Median Earnings Forecast), EMSI (2005-2019 Annual Median Earnings)