









ROBOTICS & ENGINEERING

RELATED CAREERS

Robotics & Engineering is part of the Science, Technology, Engineering, and Mathematics career cluster. Careers in the STEM cluster involve solving problems through research and design.

CAREER TITLE	MID-RANGE ANNUAL SALARY IN SD	SD PROJECTED ANNUAL OPENINGS	DEGREE TYPICALLY ACQUIRED
<p>INDUSTRIAL ENGINEERING TECHNOLOGIST AND TECHNICIAN</p> <p>Apply engineering theory and principles to problems of industrial layout or manufacturing production, usually under the direction of engineering staff. May perform time and motion studies on worker operations in a variety of industries for purposes such as establishing standard production rates or improving efficiency.</p>	\$39,100 – \$50,900	16	 CERTIFICATE
<p>ELECTRONICS ENGINEERING TECHNICIAN</p> <p>Apply electrical and electronic theory and related knowledge, usually under the direction of engineering staff, to design, build, repair, adjust, and modify electrical components, circuitry, controls, and machinery for subsequent evaluation and use by engineering staff in making engineering design decisions.</p>	\$49,800 – \$73,000	14	 ASSOCIATE
<p>ENGINEER (ELECTRICAL, MECHANICAL, & INDUSTRIAL)</p> <p>Research, design, develop, or test electronic components and systems for commercial, industrial, military, or scientific use employing knowledge of electronic theory and materials properties. Design electronic circuits and components for use in fields such as telecommunications, aerospace guidance and propulsion control, acoustics, or instruments and controls.</p>	\$68,500 – \$107,800	8	 BACHELOR
<p>ROBOTIC SYSTEMS ENGINEER</p> <p>Research, design, develop, or test robotic applications.</p>	\$63,100 – \$103,400	8	 BACHELOR
<p>SYSTEMS AND ENGINEERING MANAGER</p> <p>Plan, direct, or coordinate activities related to the design, development, and testing of robotic applications.</p>	\$105,900 – \$166,200	10	 BACHELOR OR  GRADUATE