







ACCOUNTING

RELATED CAREERS

Accounting is part of the Finance career cluster. Careers in this cluster involve managing and working with money.



| CAREER TITLE | MID-RANGE ANNUAL SALARY IN SD | SD PROJECTED ANNUAL OPENINGS | DEGREE TYPICALLY ACQUIRED |
|---|-------------------------------|------------------------------|---|
| <p>BOOKKEEPING, ACCOUNTING, AND AUDITING CLERK</p> <p>Compute, classify, and record numerical data to keep financial records complete. Perform any combination of routine calculating, posting, and verifying duties to obtain primary financial data for use in maintaining accounting records. May also check the accuracy of figures, calculations, and postings pertaining to business transactions recorded by other workers.</p> | \$29,700 – \$41,300 | 1,282 |  ASSOCIATE |
| <p>ACCOUNTANT, AUDITOR, AND CERTIFIED PUBLIC ACCOUNTANT</p> <p><i>HOT CAREER IN SD</i></p> <p>Examine, analyze, and interpret accounting records to prepare financial statements, give advice, or audit and evaluate statements prepared by others. Install or advise on systems of recording costs or other financial and budgetary data.</p> | \$56,200 – \$79,500 | 538 |  BACHELOR |
| <p>FINANCIAL MANAGER, TREASURER, AND CONTROLLER</p> <p>Plan, direct, or coordinate accounting, investing, banking, insurance, securities, and other financial activities of a branch, office, or department of an establishment.</p> | \$108,400 – \$168,000 | 75 |  BACHELOR |
| <p>CHIEF FINANCIAL OFFICER</p> <p><i>HOT CAREER IN SD</i></p> <p>Determine and formulate policies and provide overall direction of companies or private and public sector organizations within guidelines set up by a board of directors or similar governing body. Plan, direct, or coordinate operational activities at the highest level of management with the help of subordinate executives and staff managers.</p> | \$259,400 | 94 |  GRADUATE |



AVIATION

RELATED CAREERS

Aviation is part of the Transportation, Distribution, and Logistics career cluster. Careers in this cluster involve moving people and logistics from one place to another.









| CAREER TITLE | MID-RANGE ANNUAL SALARY IN SD | SD PROJECTED ANNUAL OPENINGS | DEGREE TYPICALLY ACQUIRED |
|--|-------------------------------|------------------------------|--|
| <p>AIRCRAFT MECHANIC AND SERVICE TECHNICIAN</p> <p>Diagnose, adjust, repair, or overhaul aircraft engines and assemblies, such as hydraulic and pneumatic systems.</p> | \$52,800 – \$67,200 | 24 |  ASSOCIATE |
| <p>COMMERCIAL PILOT</p> <p>Pilot and navigate the flight of fixed-wing aircraft on nonscheduled air carrier routes, or helicopters. Requires Commercial Pilot certificate. Includes charter pilots with similar certification, and air ambulance and air tour pilots.</p> | \$55,700 – \$90,400 | 40 |  BACHELOR |



CONSTRUCTION TECH

RELATED CAREERS

Construction Technologies is part of the Architecture and Construction career cluster. Careers in this cluster involve designing and building homes, roads, and other structures.






| CAREER TITLE | MID-RANGE ANNUAL SALARY IN SD | SD PROJECTED ANNUAL OPENINGS | DEGREE TYPICALLY ACQUIRED |
|---|-------------------------------|------------------------------|--|
| <p>CONSTRUCTION LABORER</p> <p>Perform tasks involving physical labor at construction sites. May operate hand and power tools of all types: air hammers, earth tampers, cement mixers, small mechanical hoists, surveying and measuring equipment, and a variety of other equipment and instruments. May clean and prepare sites, dig trenches, set braces to support the sides of excavations, erect scaffolding, and clean up rubble, debris, and other waste materials. May assist other craft workers.</p> | \$28,300 – \$38,200 | 257 |  HIGH SCHOOL OR  CERTIFICATE OR  ASSOCIATE |
| <p>CONSTRUCTION SKILLED TRADES</p> <p>Construction skilled trades: Jobs in these sectors involve trades commonly seen in the construction sector, such as carpenters, bricklayers, insulators, electricians, plumbers, and gasfitters.</p> | | | |
| <p>CAREER TITLE</p> <p>CARPENTER</p> <p><i>HOT CAREER IN SD</i></p> <p>Construct, erect, install, or repair structures and fixtures made of wood and comparable materials, such as concrete forms; building frameworks, including partitions, joists, studding, and rafters; and wood stairways, window and door frames, and hardwood floors. May also install cabinets, siding, drywall, and batt or roll insulation. Includes brattice builders who build doors or brattices (ventilation walls or partitions) in underground passageways.</p> | \$31,000 – \$44,600 | 659 |  HIGH SCHOOL OR  CERTIFICATE OR  ASSOCIATE |
| <p>CAREER TITLE</p> <p>ELECTRICIAN</p> <p><i>HOT CAREER IN SD</i></p> <p>Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes. May install or service street lights, intercom systems, or electrical control systems.</p> | \$38,100 – \$56,400 | 322 |  CERTIFICATE |
| <p>CAREER TITLE</p> <p>PLUMBER</p> <p><i>HOT CAREER IN SD</i></p> <p>Assemble, install, alter, and repair pipelines or pipe systems that carry water, steam, air, or other liquids or gases. May install heating and cooling equipment and mechanical control systems. Includes sprinkler fitters.</p> | \$36,300 – \$54,300 | 219 |  CERTIFICATE |



CONSTRUCTION TECH

RELATED CAREERS

Construction Technologies is part of the Architecture and Construction career cluster. Careers in this cluster involve designing and building homes, roads, and other structures.








| CAREER TITLE | MID-RANGE ANNUAL SALARY IN SD | SD PROJECTED ANNUAL OPENINGS | DEGREE TYPICALLY ACQUIRED |
|---|-------------------------------|------------------------------|--|
| FOREMAN OR FIELD SUPERVISOR <i>HOT CAREER IN SD</i> Directly supervise and coordinate activities of construction or extraction workers. | \$56,700 – \$77,100 | 169 |  CERTIFICATE OR  ASSOCIATE |
| COST ESTIMATOR <i>HOT CAREER IN SD</i> Prepare cost estimates for product manufacturing, construction projects, or services to aid management in bidding on or determining price of product or service. May specialize according to particular service performed or type of product manufactured. | \$50,000 – \$68,800 | 95 |  ASSOCIATE OR  BACHELOR |
| CONSTRUCTION MANAGER Plan, direct, or coordinate, usually through subordinate supervisory personnel, activities concerned with the construction and maintenance of structures, facilities, and systems. Participate in the conceptual development of a construction project and oversee its organization, scheduling, budgeting, and implementation. Includes managers in specialized construction fields, such as carpentry or plumbing. | \$78,600 – \$117,800 | 36 |  BACHELOR |



FINANCE

RELATED CAREERS

Finance is part of the Finance career cluster. Careers in this cluster involve managing and working with money.







| CAREER TITLE | MID-RANGE ANNUAL SALARY IN SD | SD PROJECTED ANNUAL OPENINGS | DEGREE TYPICALLY ACQUIRED |
|--|-------------------------------|------------------------------|--|
| <p>TAX PREPARER</p> <p>Prepare tax returns for individuals or small businesses.</p> | \$30,400 – \$45,100 | 63 |  CERTIFICATE OR  ASSOCIATE |
| <p>BUDGET ANALYST</p> <p>Examine budget estimates for completeness, accuracy, and conformance with procedures and regulations. Analyze budgeting and accounting reports.</p> | \$54,300 – \$72,500 | 11 |  BACHELOR |
| <p>FINANCIAL AND INVESTMENT ANALYST</p> <p>Conduct quantitative analyses of information involving investment programs or financial data of public or private institutions, including valuation of businesses.</p> | \$60,100 – \$93,700 | 47 |  BACHELOR |
| <p>FINANCIAL MANAGER, TREASURER AND CONTROLLER</p> <p>Plan, direct, or coordinate accounting, investing, banking, insurance, securities, and other financial activities of a branch, office, or department of an establishment.</p> | \$108,400 – 168,000 | 75 |  BACHELOR OR  GRADUATE |
| <p>CHIEF FINANCIAL OFFICER</p> <p><i>HOT CAREER IN SD</i></p> <p>Determine and formulate policies and provide overall direction of companies or private and public sector organizations within guidelines set up by a board of directors or similar governing body. Plan, direct, or coordinate operational activities at the highest level of management with the help of subordinate executives and staff managers.</p> | \$259,400 | 94 |  GRADUATE |



BANKING SERVICES

RELATED CAREERS

Banking Services is part of the Finance career cluster. Careers in this cluster involve managing and working with money.




| CAREER TITLE | MID-RANGE ANNUAL SALARY IN SD | SD PROJECTED ANNUAL OPENINGS | DEGREE TYPICALLY ACQUIRED |
|---|-------------------------------|------------------------------|--|
| <p>TELLER</p> <p>Receive and pay out money. Keep records of money and negotiable instruments involved in a financial institution's various transactions.</p> | \$26,500 – \$34,100 | 245 |  HIGH SCHOOL |
| <p>LOAN INTERVIEWER AND CLERK <i>HOT CAREER IN SD</i></p> <p>Interview loan applicants to elicit information; investigate applicants' backgrounds and verify references; prepare loan request papers; and forward findings, reports, and documents to appraisal department. Review loan papers to ensure completeness, and complete transactions between loan establishment, borrowers, and sellers upon approval of loan.</p> | \$34,500 – \$44,800 | 245 |  ASSOCIATE |
| <p>LOAN OFFICER <i>HOT CAREER IN SD</i></p> <p>Evaluate, authorize, or recommend approval of commercial, real estate, or credit loans. Advise borrowers on financial status and payment methods. Includes mortgage loan officers and agents, collection analysts, loan servicing officers, loan underwriters, and payday loan officers.</p> | \$56,500 – \$81,000 | 175 |  BACHELOR |
| <p>CREDIT ANALYST</p> <p>Analyze credit data and financial statements of individuals or firms to determine the degree of risk involved in extending credit or lending money. Prepare reports with credit information for use in decision-making.</p> | \$50,500 – 78,000 | 40 |  BACHELOR |
| <p>BANK BRANCH MANAGER</p> <p>Plan, direct, or coordinate accounting, investing, banking, insurance, securities, and other financial activities of a branch, office, or department of an establishment.</p> | \$108,400 – 168,000 | 75 |  BACHELOR OR  GRADUATE |



PERSONAL FINANCE

RELATED CAREERS

Personal Finance is part of the Finance career cluster. Careers in this cluster involve managing and working with money.






| CAREER TITLE | MID-RANGE ANNUAL SALARY IN SD | SD PROJECTED ANNUAL OPENINGS | DEGREE TYPICALLY ACQUIRED |
|--|-------------------------------|------------------------------|--|
| <p>BROKERAGE CLERK</p> <p>Perform duties related to the purchase, sale, or holding of securities. Duties include writing orders for stock purchases or sales, computing transfer taxes, verifying stock transactions, accepting and delivering securities, tracking stock price fluctuations, computing equity, distributing dividends, and keeping records of daily transactions and holdings.</p> | \$35,100 – \$47,300 | 17 |  HIGH SCHOOL |
| <p>PERSONAL FINANCIAL ADVISOR</p> <p>Advise clients on financial plans using knowledge of tax and investment strategies, securities, insurance, pension plans, and real estate. Duties include assessing clients' assets, liabilities, cash flow, insurance coverage, tax status, and financial objectives. May also buy and sell financial assets for clients.</p> | \$59,200 – \$106,000 | 51 |  BACHELOR |
| <p>INVESTMENT BROKER</p> <p>Buy and sell securities or commodities in investment and trading firms, or provide financial services to businesses and individuals. May advise customers about stocks, bonds, mutual funds, commodities, and market conditions.</p> | \$45,600 – \$87,800 | 67 |  BACHELOR |



FOOD & BEVERAGE

RELATED CAREERS

Food and Beverage is part of the Hospitality and Tourism career cluster. Careers in this cluster involve providing people with food, lodging, and related services.

| CAREER TITLE | MID-RANGE ANNUAL SALARY IN SD | SD PROJECTED ANNUAL OPENINGS | DEGREE TYPICALLY ACQUIRED |
|--|-------------------------------|------------------------------|--|
| WAITER AND WAITRESS Take orders and serve food and beverages to patrons at tables in dining establishment. | \$20,100 – \$23,900 | 1,530 |  HIGH SCHOOL |
| COOK Prepare, season, and cook dishes such as soups, meats, vegetables, or desserts in restaurants. May order supplies, keep records and accounts, price items on menu, or plan menu. | \$25,500 – \$31,800 | 354 |  CERTIFICATE |
| FOOD SERVICE MANAGER Directly supervise and coordinate activities of workers engaged in preparing and serving food. | \$30,700 – \$40,100 | 331 |  ASSOCIATE |
| CHEF, HEAD COOK, AND CERTIFIED CULINARIAN Direct and may participate in the preparation, seasoning, and cooking of salads, soups, fish, meats, vegetables, desserts, or other foods. May plan and price menu items, order supplies, and keep records and accounts. | \$38,500 – \$53,600 | 19 |  ASSOCIATE |
| RESTAURANT GENERAL MANAGER <i>HOT CAREER IN SD</i> Plan, direct, or coordinate activities of an organization or department that serves food and beverages. | \$47,600 – \$62,000 | 172 |  BACHELOR |









| CAREER TITLE | MID-RANGE ANNUAL SALARY IN SD | SD PROJECTED ANNUAL OPENINGS | DEGREE TYPICALLY ACQUIRED |
|---|-------------------------------|------------------------------|--|
| <p>LEGAL SECRETARY AND ADMINISTRATIVE ASSISTANT</p> <p>Perform secretarial duties using legal terminology, procedures, and documents. Prepare legal papers and correspondence, such as summonses, complaints, motions, and subpoenas. May also assist with legal research.</p> | \$29,400 – \$44,000 | 63 |  HIGH SCHOOL |
| <p>PARALEGAL AND LEGAL ASSISTANT</p> <p>Assist lawyers by investigating facts, preparing legal documents, or researching legal precedent. Conduct research to support a legal proceeding, to formulate a defense, or to initiate legal action.</p> | \$42,900 – \$58,200 | 62 |  ASSOCIATE |
| <p>COMPLIANCE OFFICER AND POLICY ANALYST</p> <p>Examine, evaluate, and investigate eligibility for or conformity with laws and regulations governing contract compliance of licenses and permits, and perform other compliance and enforcement inspection and analysis activities not classified elsewhere.</p> | \$46,400 – \$67,300 | 93 |  BACHELOR |
| <p>COMPLIANCE MANAGER AND REGULATORY AFFAIRS MANAGER</p> <p>Plan, direct, or coordinate activities of an organization to ensure compliance with ethical or regulatory standards.</p> | \$73,300 – \$128,000 | 69 |  BACHELOR |
| <p>LAWYER</p> <p>Represent clients in criminal and civil litigation and other legal proceedings, draw up legal documents, or manage or advise clients on legal transactions. May specialize in a single area or may practice broadly in many areas of law.</p> | \$73,200 – \$132,500 | 68 |  GRADUATE |
| <p>JUDGE, MAGISTRATE JUDGE, AND MAGISTRATE</p> <p>Arbitrate, advise, adjudicate, or administer justice in a court of law. May sentence defendant in criminal cases according to government statutes or sentencing guidelines. May determine liability of defendant in civil cases. May perform wedding ceremonies. Passage of the Bar exam is a requirement to practice.</p> | \$76,900 – \$105,700 | 4 |  GRADUATE |



LODGING

RELATED CAREERS

Lodging is part of the Hospitality and Tourism career cluster. Careers in this cluster involve providing people with food, lodging, and related services.







| CAREER TITLE | MID-RANGE ANNUAL SALARY IN SD | SD PROJECTED ANNUAL OPENINGS | DEGREE TYPICALLY ACQUIRED |
|--|-------------------------------|------------------------------|--|
| <p>MAID AND HOUSEKEEPING CLEANER</p> <p>Perform any combination of light cleaning duties to maintain private households or commercial establishments, such as hotels and hospitals, in a clean and orderly manner. Duties may include making beds, replenishing linens, cleaning rooms and halls, and vacuuming.</p> | \$20,800 – \$25,300 | 705 |  HIGH SCHOOL |
| <p>HOTEL, MOTEL, AND RESORT DESK CLERK</p> <p>Accommodate hotel, motel, and resort patrons by registering and assigning rooms to guests, issuing room keys or cards, transmitting and receiving messages, keeping records of occupied rooms and guests' accounts, making and confirming reservations, and presenting statements to and collecting payments from departing guests.</p> | \$21,000 – \$25,300 | 343 |  HIGH SCHOOL OR  CERTIFICATE |
| <p>FIRST-LINE SUPERVISOR OF HOUSEKEEPING AND JANITORIAL WORKERS</p> <p><i>HOT CAREER IN SD</i></p> <p>Directly supervise and coordinate work activities of cleaning personnel in hotels, hospitals, offices, and other establishments.</p> | \$34,000 – \$49,200 | 98 |  CERTIFICATE |
| <p>MEETING, CONVENTION, AND EVENT PLANNER</p> <p>Coordinate activities of staff, convention personnel, or clients to make arrangements for group meetings, events, or conventions.</p> | \$33,700 – \$48,400 | 33 |  ASSOCIATE OR  BACHELOR |
| <p>LODGING MANAGER</p> <p>Plan, direct, or coordinate activities of an organization or department that provides lodging and other accommodations.</p> | \$43,500 – \$67,300 | 37 |  ASSOCIATE OR  BACHELOR |



MARKETING & ADVERTISING

RELATED CAREERS

Marketing & Advertising is part of both the Marketing as well as Arts, Audio/Video Technology, and Communications career clusters. Careers in Marketing involve promoting and selling products and services. Careers in Arts, Audio/Video Technology, and Communications involve creative tasks, such as performing or writing.









| CAREER TITLE | MID-RANGE ANNUAL SALARY IN SD | SD PROJECTED ANNUAL OPENINGS | DEGREE TYPICALLY ACQUIRED |
|--|-------------------------------|------------------------------|---|
| <p>GRAPHIC DESIGNER <i>HOT CAREER IN SD</i></p> <p>Design or create graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. May use a variety of mediums to achieve artistic or decorative effects.</p> | \$29,700 – \$44,900 | 96 |  ASSOCIATE OR  BACHELOR |
| <p>COPY WRITER/CONTENT CREATOR</p> <p>Originate and prepare written material, such as scripts, stories, advertisements, and other material.</p> | \$34,800 – \$59,300 | 19 |  BACHELOR |
| <p>DIGITAL AND SOCIAL MEDIA STRATEGIST</p> <p>Promote or create an intended public image for individuals, groups, or organizations. May write or select material for release to various communications media. May specialize in using social media.</p> | \$43,300 – \$66,900 | 79 |  BACHELOR |
| <p>CREATIVE DIRECTOR</p> <p>Formulate design concepts and presentation approaches for visual productions and media, such as print, broadcasting, video, and film. Direct workers engaged in artwork or layout design.</p> | \$56,600 – \$81,700 | 5 |  BACHELOR |
| <p>MARKETING DIRECTOR</p> <p>Plan, direct, or coordinate marketing policies and programs, such as determining the demand for products and services offered by a firm and its competitors, and identify potential customers. Develop pricing strategies with the goal of maximizing the firm's profits or share of the market while ensuring the firm's customers are satisfied. Oversee product development or monitor trends that indicate the need for new products and services.</p> | \$118,500 – \$198,500 | 8 |  GRADUATE |



MEDICAL TECH

RELATED CAREERS

Medical Tech is part of the Health Sciences career cluster. Careers in the Health Sciences cluster involve helping people and animals with the medical care they need to get or stay healthy.






| CAREER TITLE | MID-RANGE ANNUAL SALARY IN SD | SD PROJECTED ANNUAL OPENINGS | DEGREE TYPICALLY ACQUIRED |
|--|-------------------------------|------------------------------|--|
| PHLEBOTOMIST Draw blood for tests, transfusions, donations, or research. May explain the procedure to patients and assist in the recovery of patients with adverse reactions. | \$25,300 – \$32,000 | 34 |  CERTIFICATE |
| MEDICAL LABORATORY TECH (MLT) Perform routine medical laboratory tests for the diagnosis, treatment, and prevention of disease. May work under the supervision of a medical technologist. | \$38,100 – \$60,300 | 95 |  CERTIFICATE OR  ASSOCIATE |
| MEDICAL LABORATORY SCIENTIST (MLS) Perform complex medical laboratory tests for diagnosis, treatment, and prevention of disease. May train or supervise staff. | | |  BACHELOR |
| MEDICAL SCIENTIST Conduct research dealing with the understanding of human diseases and the improvement of human health. Engage in clinical investigation, research and development, or other related activities. Includes physicians, dentists, pharmacologists, and medical pathologists who primarily conduct research. | \$51,900 – \$105,200 | 17 |  BACHELOR OR  GRADUATE |
| MEDICAL AND HEALTH SERVICES MANAGER Plan, direct, or coordinate medical and health services in hospitals, clinics, managed care organizations, public health agencies, or similar organizations. | \$80,800 – \$125,400 | 74 |  BACHELOR OR  GRADUATE |









NETWORK ADMINISTRATION

RELATED CAREERS

Network Security is part of the Information Technology career cluster. Careers in this cluster involve working with computer hardware, software, or network systems.

| CAREER TITLE | MID-RANGE ANNUAL SALARY IN SD | SD PROJECTED ANNUAL OPENINGS | DEGREE TYPICALLY ACQUIRED |
|---|-------------------------------|------------------------------|--|
| <p>COMPUTER USER SUPPORT SPECIALIST <i>HOT CAREER IN SD</i></p> <p>Provide technical assistance to computer users. Answer questions or resolve computer problems for clients in person, via telephone, or electronically. May provide assistance concerning the use of computer hardware and software, including printing, installation, word processing, electronic mail, and operating systems.</p> | \$33,100 – \$47,300 | 140 |  CERTIFICATE |
| <p>COMPUTER NETWORK SUPPORT SPECIALIST</p> <p>Analyze, test, troubleshoot, and evaluate existing network systems, such as local area networks (LAN), wide area networks (WAN), cloud networks, servers, and other data communications networks. Perform network maintenance to ensure networks operate correctly with minimal interruption.</p> | \$39,800 – \$59,000 | 74 |  ASSOCIATE |
| <p>NETWORK AND COMPUTER SYSTEMS ADMINISTRATOR <i>HOT CAREER IN SD</i></p> <p>Install, configure, and maintain an organization's local area network (LAN), wide area network (WAN), data communications network, operating systems, and physical and virtual servers. Perform system monitoring and verify the integrity and availability of hardware, network, and server resources and systems. Review system and application logs and verify completion of scheduled jobs, including system backups. Analyze network and server resource consumption and control user access. Install and upgrade software and maintain software licenses. May assist in network modeling, analysis, planning, and coordination between network and data communications hardware and software.</p> | \$54,600 – \$76,200 | 147 |  BACHELOR |
| <p>COMPUTER NETWORK ARCHITECT</p> <p>Design and implement computer and information networks, such as local area networks (LAN), wide area networks (WAN), intranets, extranets, and other data communications networks. Perform network modeling, analysis, and planning, including analysis of capacity needs for network infrastructures. May also design network and computer security measures. May research and recommend network and data communications hardware and software.</p> | \$96,100 – \$130,600 | 38 |  BACHELOR OR  GRADUATE |

Nursing is part of the Health Sciences career cluster. Careers in the Health Sciences cluster involve helping people and animals with the medical care they need to get or stay healthy.







| CAREER TITLE | MID-RANGE ANNUAL SALARY IN SD | SD PROJECTED ANNUAL OPENINGS | DEGREE TYPICALLY ACQUIRED |
|---|-------------------------------|------------------------------|---|
| <p>NURSING ASSISTANT (CNA)</p> <p>Provide or assist with basic care or support under the direction of onsite licensed nursing staff. Perform duties such as monitoring of health status, feeding, bathing, dressing, grooming, toileting, or ambulation of patients in a health or nursing facilities.</p> | \$24,400 – \$32,200 | 774 |  CERTIFICATE |
| <p>LICENSED PRACTICAL NURSES (LPN)</p> <p><i>HOT CAREER IN SD</i></p> <p>Care for ill, injured, or convalescing patients or persons with disabilities in hospitals, nursing homes, clinics, private homes, group homes, and similar institutions. May work under the supervision of a registered nurse. Licensing required.</p> | \$34,300 – \$45,700 | 159 |  DIPLOMA |
| <p>REGISTERED NURSE (RN)</p> <p><i>HOT CAREER IN SD</i></p> <p>Assess patient health problems and needs, develop and implement nursing care plans, and maintain medical records. Administer nursing care to ill, injured, convalescent, or disabled patients. May advise patients on health maintenance and disease prevention or provide case management. Licensing or registration required.</p> | \$51,600 – \$70,000 | 907 |  ASSOCIATE OR  BACHELOR |
| <p>NURSE PRACTITIONERS</p> <p>Diagnose and treat acute, episodic, or chronic illness, independently or as part of a healthcare team. May focus on health promotion and disease prevention. May order, perform, or interpret diagnostic tests such as lab work and x-rays. May prescribe medication. Must be registered nurses who have specialized graduate education.</p> | \$90,500 – \$118,000 | 48 |  GRADUATE |
| <p>NURSE ANESTHETISTS</p> <p>Administer anesthesia, monitor patient's vital signs, and oversee patient recovery from anesthesia. May assist anesthesiologists, surgeons, other physicians, or dentists. Must be registered nurses who have specialized graduate education.</p> | \$175,700 – \$208,000 | 27 |  GRADUATE |



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 (ELECTICAL, 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 |



SCHOOL COUNSELING

RELATED CAREERS

School Counseling is part of the Education & Training career cluster as well as the Human Services career cluster. Careers in these clusters involve teaching and helping people with a variety of needs in schools.










| CAREER TITLE | MID-RANGE ANNUAL SALARY IN SD | SD PROJECTED ANNUAL OPENINGS | DEGREE TYPICALLY ACQUIRED |
|---|-------------------------------|------------------------------|---|
| <p>TEACHING ASSISTANT</p> <p>Assist students birth to age 5, elementary, middle, or secondary school teacher with instructional duties and provide academic, social, or life skills to students who have learning, emotional, or physical disabilities. Serve in a position for which a teacher has primary responsibility for the design and implementation of educational programs and services.</p> | \$22,300 – \$30,000 | 499 |  ASSOCIATE |
| <p>CHILD, FAMILY, AND SCHOOL SOCIAL WORKER</p> <p><i>HOT CAREER IN SD</i></p> <p>Provide social services and assistance to improve the social and psychological functioning of children and their families and to maximize the family well-being and the academic functioning of children. May assist parents, arrange adoptions, and find foster homes for abandoned or abused children. In schools, they address such problems as teenage pregnancy, misbehavior, and truancy. May also advise teachers.</p> | \$35,200 – \$48,100 | 195 |  BACHELOR |
| <p>EDUCATIONAL, CAREER, SCHOOL COUNSELOR AND ADVISOR</p> <p><i>HOT CAREER IN SD</i></p> <p>Support and advise students to help them succeed in school and plan for their future career.</p> | \$37,600 – \$51,000 | 96 |  GRADUATE |
| <p>CLINICAL, COUNSELING, AND SCHOOL PSYCHOLOGIST</p> <p>Diagnose and treat mental disorders; learning disabilities; and cognitive, behavioral, and emotional problems, using individual, child, family, and group therapies. May design and implement behavior modification programs.</p> | \$59,300 – \$85,500 | 39 |  GRADUATE |



SECURITY & LAW ENFORCEMENT

RELATED CAREERS

Security and Law Enforcement is part of the Law, Public Safety, Corrections, and Security career cluster. Careers in this cluster involve protecting people and enforcing rules.

| CAREER TITLE | MID-RANGE ANNUAL SALARY IN SD | SD PROJECTED ANNUAL OPENINGS | DEGREE TYPICALLY ACQUIRED |
|---|-------------------------------|------------------------------|---|
| <p>CORRECTIONAL OFFICER AND JAILER</p> <p>Guard inmates in penal or rehabilitative institutions in accordance with established regulations and procedures. May guard prisoners in transit between jail, courtroom, prison, or other point. Includes deputy sheriffs and police who spend the majority of their time guarding prisoners in correctional institutions.</p> | \$36,300 – \$45,200 | 136 |  CERTIFICATE OR  ASSOCIATE OR  BACHELOR |
| <p>POLICE AND SHERIFF'S PATROL OFFICER</p> <p><i>HOT CAREER IN SD</i></p> <p>Maintain order and protect life and property by enforcing local, tribal, state, or federal laws and ordinances. Perform a combination of the following duties: patrol a specific area; direct traffic; issue traffic summonses; investigate accidents; apprehend and arrest suspects, or serve legal processes of courts. Includes police officers working at educational institutions.</p> | \$41,500 – \$59,600 | 148 |  CERTIFICATE OR  ASSOCIATE OR  BACHELOR |
| <p>CONSERVATION OFFICER</p> <p>Patrol assigned area to prevent fish and game law violations. Investigate reports of damage to crops or property by wildlife. Compile biological data.</p> | \$43,700 – \$54,300 | 9 |  BACHELOR |
| <p>DETECTIVE, CRIMINAL INVESTIGATOR, AND INTELLIGENCE ANALYST</p> <p>Conduct investigations related to suspected violations of federal, state, or local laws to prevent or solve crimes.</p> | \$51,600 – \$80,000 | 16 |  BACHELOR |
| <p>POLICE CAPTAIN AND SHERIFF</p> <p>Directly supervise and coordinate activities of members of police force.</p> | \$62,800 – \$97,200 | 11 |  BACHELOR |



SOFTWARE DEVELOPMENT

RELATED CAREERS

Software Development is part of the Information Technology as well as the Science, Technology, Engineering & Math career clusters. Careers in this cluster involve working with computer hardware, software, or network systems.

CAREER TITLE

COMPUTER PROGRAMMER

Create, modify, and test the code and scripts that allow computer applications to run. Work from specifications drawn up by software and web developers or other individuals. May develop and write computer programs to store, locate, and retrieve specific documents, data, and information.

MID-RANGE ANNUAL SALARY IN SD

\$48,300 – \$65,300

SD PROJECTED ANNUAL OPENINGS

38

DEGREE TYPICALLY ACQUIRED



ASSOCIATE

OR



BACHELOR

CAREER TITLE

SOFTWARE DEVELOPER AND SOFTWARE QUALITY ASSURANCE ANALYST AND TESTER

HOT CAREER IN SD

Research, design, and develop computer and network software or specialized utility programs. Analyze user needs and develop software solutions, applying principles and techniques of computer science, engineering, and mathematical analysis. Develop and execute software tests to identify software problems and their causes. Test system modifications to prepare for implementation. Document software and application defects using a bug tracking system and report defects to software or web developers. Update software or enhance existing software capabilities. May work with computer hardware engineers to integrate hardware and software systems, and develop specifications and performance requirements. May maintain databases within an application area, working individually or coordinating database development as part of a team.

\$62,100 – \$92,200

172



BACHELOR

CAREER TITLE

COMPUTER SYSTEMS ANALYST

Analyze science, engineering, business, and other data processing problems to develop and implement solutions to complex applications problems, system administration issues, or network concerns. Perform systems management and integration functions, improve existing computer systems, and review computer system capabilities, workflow, and schedule limitations. May analyze or recommend commercially available software.

\$65,300 – \$91,600

70










BACHELOR



TEACHER EDUCATION

RELATED CAREERS

Teacher Education is part of the Education and Training career cluster. Careers in this cluster involve teaching and other tasks associated with schools, libraries, and museums.

| CAREER TITLE | MID-RANGE ANNUAL SALARY IN SD | SD PROJECTED ANNUAL OPENINGS | DEGREE TYPICALLY ACQUIRED |
|--|-------------------------------|------------------------------|--|
| <p>TEACHING ASSISTANT</p> <p>Assist students birth to age five, elementary, middle, or secondary school teacher with instructional duties and provide academic, social, or life skills to students who have learning, emotional, or physical disabilities. Serve in a position for which a teacher has primary responsibility for the design and implementation of educational programs and services.</p> | \$22,300 – \$30,000 | 499 |  CERTIFICATE OR  ASSOCIATE |
| <p>EARLY CHILDHOOD TEACHER</p> <p>Instruct and care for student aged birth to five, following curricula or lesson plans, in activities designed to promote social, physical, and intellectual growth.</p> | \$26,300 – \$37,500 | 207 |  ASSOCIATE OR  BACHELOR |
| <p>TEACHER</p> <p><i>HOT CAREER IN SD</i></p> <p>Teach academic and social skills to students in elementary, middle, and secondary schools.</p> | \$38,600 – \$51,400 | 878 |  BACHELOR |
| <p>INSTRUCTIONAL COORDINATOR/ CURRICULUM DIRECTOR</p> <p>Develop instructional material, coordinate educational content, and incorporate current technology into instruction in order to provide guidelines to educators and instructors for developing curricula and conducting courses. May train and coach teachers.</p> | \$48,200 – \$71,700 | 44 |  GRADUATE |
| <p>EDUCATION ADMINISTRATOR</p> <p>Plan, direct, or coordinate the academic, administrative, or auxiliary activities of kindergarten, elementary, or secondary schools.</p> | \$68,900 – \$94,700 | 55 |  GRADUATE |