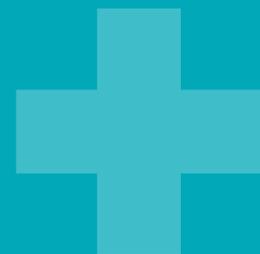


Health Sciences



Are you interested in how the body functions? Do you like to care for people who are sick or help people to stay well? Do you have a passion in rehabilitating people after injury or illness? Do you like to educate people about community resources or medical benefits coverage? If so, then a career in health sciences might be right for you.

Bakersfield College
Building Careers. Building Community.

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Health Sciences Career and Learning Pathway

People attracted to careers in this pathway like to work with people. Careers in this pathway of study are related to Health Services as well as the treatment of injuries, conditions and disease. These may include medicine, dentistry, nursing, therapy and rehabilitation, nutrition, fitness and hygiene.

Nurse Assistant

The Nurse Assistant course work prepares the student to provide services to those who need health care. The student will learn the role of the caregiver, the healthcare environment, healthcare safety, adult needs in health and illness and basic care giving skills. The Nurse Assistant Program is one semester in length and upon successful completion the student is eligible to take the competency exam for Certified Nursing Assistant administered by the American Red Cross. Students with a misdemeanor and/or felony record may not receive certification or licensure from the State or County – clarification can be provided by Bakersfield College's Associate Dean of Nursing.

Industry Options

Salary ranges from \$28,540 to \$38,630*

- Doctor's Offices
- Home Health Agencies
- Rehabilitation Facility

Radiologic Technology

Radiologic Technology is a health care profession whose practitioners work in hospitals, imaging centers, clinics and private physician's offices. The radiologic technologist (radiographer) is a member of the health care team who works directly with the patient and the physician performing a wide variety of diagnostic x-ray procedures. The role of the graduate radiographer may be that of staff radiographer, special imaging radiographer, supervisor, administrator or educator, depending upon the level of education and experience obtained.

The Radiologic Technology Program provides concurrent classroom study at

Bakersfield College and clinical education leading to the Associate of Science (A.S.) degree. Once a student has completed the prerequisites for admission, the program is 24 months in length starting in June of the first year and ending 24 months later in May. This combination of education with practical, on-site clinical education affords students an opportunity to immediately put into practice what they learn. Clinical education sites include hospitals and imaging centers in Bakersfield and Delano, Calif. Successful completion of the requirements of the Radiologic Technology Program makes the student eligible to take the national examination by the American Registry of Radiologic Technologists (ARRT), the Certified Radiologic Technologist (CRT) examination administered by the State of California, and the fluoroscopy permit examination administered by the State of California.

Industry Options

Average salary \$52,620 to \$77,140*

- Hospitals
- Imaging Facilities
- Outpatient Care Centers

Registered Nursing

The mission of the Bakersfield College Associate Degree Nursing (ADN) program is to prepare entry-level Registered Nurses as providers and managers of care across the health/illness continuum and as members within the profession. Graduate nurses will collaborate with members of the health care team, be effective communicators, be politically aware, and demonstrate a commitment to lifelong learning. The role of a new graduate is usually that of a staff nurse. With additional education, a nurse may

advance to a position of supervisor, administrator, clinical specialist, educator or researcher. Associate Degree Nursing (ADN) is a four-semester program after the prerequisite courses have been completed. In addition, students must complete all the Bakersfield College general education requirements for graduation. Upon successful completion of the ADN Program, graduates are eligible to write the National Council Licensure Examination for licensure as a Registered Nurse.

Industry Options

With an ADN degree, one can earn \$67,930 to \$117,850* per year and work at various locations such as:

- Hospitals
- Nursing Care Facilities
- Outpatient Care Centers

Vocational Nursing

The purpose of the Bakersfield College Vocational Nursing program is to provide the foundation for students to become competent Vocational Nurses (VN). The VN Program respects the individuality of students and recognizes that each student has different educational, experiential, cultural, spiritual, economic and social background and a unique support system. The aim of the program is to provide a positive, innovative learning model that fosters the development of critical thinking and problem-solving skills so that the student completing the program is equipped to deliver care to a culturally diverse population in a variety of healthcare settings. The Vocational Nurse practices under the direction of a licensed physician or a Registered Nurse. Vocational Nursing is a three-semester

*Salaries from the Bureau of Labor Statistics



Explore this career and learning pathway at:



programmap.bakersfieldcollege.edu/academics

Choose **Health Sciences**

program after the prerequisite courses have been completed. Upon successful completion of the VN Program, graduates earn a college Certificate of Achievement and are eligible to take the National Council Licensure Examination for Practical Nurses for licensure as a Vocational Nurse in the State of California.

Industry Options

Salary ranges from \$32,970 to \$61,030*

- Education/Schools Nurse
- Outpatient Care Centers
- Nursing Care Facilities

Human Biology

Human biology teach students about the biological mechanisms at work in the human body and provide a multidimensional perspective on the human condition. Human Biology degree programs are available to prepare students to pursue a wide variety of career or continuing education paths. Several specializations are offered, such as human health and disease, human environment and ecology, human growth and development, health and health policy, anthropology, psychology, biomedical science and evolution. Courses required for the Human Biology Associate of Science degree include biology and chemistry courses necessary for transfer to allied health programs such as nursing, physical therapy, Physician Assistant and radiology.

Industry Options

Salary ranges from \$26,370 to \$117,850*

- Registered Nurse
- Radiologic Technician
- Physical Therapy Technician

Kinesiology

Kinesiology is a component of health care that comprises of comprehensive study of the anatomy of the human body and mechanics. Kinesiologists specialize in the study of human body movement. They monitor human muscle movement to ease muscle pain through the use of diverse therapies. Kinesiologists help patients recuperate in case of physical injuries. They demonstrate useful exercise techniques that help patients handle traumatic injuries and post-surgical injuries. Kinesiologists help patients deal with physical injuries and also manage, rehabilitate and prevent disorders that restrict movement. They show good muscle movements to check further pains, sprains and injuries. The Associate in Arts in Kinesiology for Transfer (AA-T) is intended for all students who plans on completing a bachelor's degree in Kinesiology at a CSU campus.

Industry Options

Salary ranges from \$26,370 to \$65,320*

- Fitness Trainer
- Physical Therapy Aides
- Physical Therapy Technician

► Athletic Coaching

The Athletic Coaching program prepares students to coach a variety of sports and fitness activities. The program includes courses in kinesiology physical education, athletics and nutrition. Students will understand the basics of training and fitness, prevention of injuries, nutrition and the fundamental skills of the sport in their area of emphasis. Athletic coaching can lead to

employment as sport coaches at the high school, collegiate, recreational and club levels.

Career Options

Annual median wages are \$39,911*

- High School/Middle School Coach
- Athletic Trainer Aide
- Sports Medicine-Athletic Training

► Fitness Trainer

A personal trainer works one-on-one with a client to develop and implement a fitness training regimen that helps them lose weight, get stronger, improve physical performance or maintain their health. Trainers introduce clients to individualized exercises that are based upon their personal goals, skill level and needs. They must keep up with the latest trends and professional recommendations in fitness and nutrition. Personal trainers are nationally certified fitness professionals with advanced knowledge of human anatomy and physiology, nutrition and exercise science. They have the ability to create and lead individual and group exercises that are tailor-made for the health needs of their clients. Fitness trainers conduct client assessments to develop these plans, help establish healthy nutritional behaviors and motivate their clients to succeed. Certified personal trainers may be self-employed, work for a gym or fitness center or even work for corporations.

Career Options

Annual median wages are \$23,746*

- Fitness Specialist
- Personal Trainer
- Strength and Performance Coach



Certificates and Degrees

offered in this Career and Learning Pathway

Health Information Technology

The Health Information Technology Associate in Science (A.S.) degree at Bakersfield College is a two-year 100% ONLINE program that prepares you to go directly into a specialized career in medical records – now known as Health Information Management. Health information professionals play a critical role in health care; even though they rarely interact with patients. Every time you hear a health statistic on the news, read a doctor’s diagnosis in your medical record or use your health insurance card, you can be sure a health information technician has played a part. Health information technicians are specialists in preparing, analyzing and managing medical records. They play a key role in coding and reimbursement and are considered experts in assuring the privacy and security of health data. In Bakersfield College’s HEIT program, students learn how to collect, analyze, monitor and report health data, using the latest technology.

Health Information Technology graduates are employed in hospitals, clinics, physician’s offices, ambulatory care facilities, long term care facilities, home health agencies, consulting firms and any organization that uses patient data or health information, such as pharmaceutical companies, law and insurance firms and health product vendors. Upon program accreditation, graduates will be eligible to apply for writing the national examination for certification as a Registered Health Information Technician (RHIT).

Industry Options

Salary ranges from \$34,250 to \$64,610*

- Hospitals
- Medical Offices

Public Health Science

The Public Health Science Associate Degree for Transfer program trains students in multidisciplinary approaches to public health practice and research, which is essential to recognizing and addressing public health issues at the state, national and global levels. Upon successful completion, the student will demonstrate the ability to comprehend and apply the multidimensional approach of public health sciences; identify proactive factors for disease prevention and risk factors for disease and disability; demonstrate and apply behavior-changing techniques to maximize health and wellness; and demonstrate the concepts of research, program planning and evaluation strategies.

Industry Options

Health Policy and Administration:
salary ranges from \$37,690 to \$98,370*

Biostatistics/Epidemiologist:
salary ranges from \$37,300 to \$73,700*

Environmental Health Sciences:
salary ranges from \$37,690 to \$78,790*

► Health Navigator

A Patient or Health Navigator is a health care professional who works as part of a team or health care system to reduce barriers to accessing health care and promoting prevention services. As a member of the healthcare team, navigators act as a bridge between the team, patients, family and community to improve health outcomes. There are many different roles that a navigator can become: assisting with enrolling individuals into health care; helping people access health care and services; acting as a patient advocate to ensure they are receiving services.

Industry Options

Health Education/Health Navigator:
salary ranges from \$38,370 to \$53,940*

Health Information Technology (AS)

Nursing, Registered (AS)

- Nurse Assistant (JSC)
- Vocational Nursing (CA)
- LVN to Associate Degree Nursing Program (AS)

Public Health Science (AS-T)

- Health Navigator (CA)

Radiologic Technology (AS)

- Principles of Fluoroscopy (JSC*)
- Principles of Venipuncture (JSC*)

Human Biology (AS)

Kinesiology (AA-T)

- Athletic Coaching (CA)
- Fitness Trainer (CA)

B: Bachelor of Science Degree
AS-T: Associate of Science Degree for Transfer
AA-T: Associate of Arts Degree for Transfer
AS: Associate of Science Degree
AA: Associate of Arts Degree
CA: Certificate of Achievement
JSC: Job Skills Certificate

Steps of Enrollment

www.bakersfieldcollege.edu/steps

Step 1	Apply to Bakersfield College online
Step 2	Attend Orientation — in person or online
Step 3	Placement — see Counselor
Step 4	Develop an Education Plan
Step 5	Register for Classes — through InsideBC

Disabled Student Programs & Services (DSPS)

www.bakersfieldcollege.edu/student/dsps

Disabled Student Programs & Services (DSPS) assists the college in providing equal access to educational opportunities for students with disabilities. DSPS provides reasonable accommodations to students with documented physical, mental health, and learning disabilities who are enrolled in classes through Bakersfield College.

Extended Opportunity Programs and Services (EOP&S)

www.bakersfieldcollege.edu/student/eops

Extended Opportunity Programs and Services (EOP&S) is a state funded program that serves educationally and financially disadvantaged students. EOP&S offers several programs that provide additional assistance for Bakersfield College students to succeed in college.

How to Apply for Financial Aid

www.bakersfieldcollege.edu/finaid

Step 1: Apply

Submit a free application for **Federal Student Aid (FAFSA)** at www.fafsa.gov or the **CA Dream Act** at <https://dream.csac.ca.gov>.

Step 2: Submit Forms

You will receive an email from the Bakersfield College Office of Financial Aid once your financial aid application is processed. This email will provide instructions on completing any additional forms.

Step 3: Review Award Email

You will receive an award email once your file is reviewed and finalized. You may also view your awards on "insideBC." NOTE: You must meet all eligibility requirements to receive funds.

Step 4: Receive Disbursement

BC has partnered with BankMobile Disbursements to deliver your financial aid refund. Learn more about managing your BankMobile account at bakersfieldcollege.edu/finaid/bankmobile-disbursements

Articulation

The Articulation Program, based at Bakersfield College, is an integral part of Career and Technical Education and encourages high school students to continue technical training and education at the college level by offering college credit for high school articulated courses. Articulation provides a smooth transition from high school to a certificate, associate degree or transfer at the community college by eliminating duplication of course work. For more information on articulation visit <https://www.bakersfieldcollege.edu/cte/articulation>

Dual Enrollment

The Dual Enrollment Program helps high school students to get a jump start on college by earning college and high school credit at the same time. Students can take Dual Enrollment courses in a variety of disciplines and fields including general education and career pathway courses that align with local industry needs. In addition to saving time and money, Dual Enrollment courses help prepare students for the rigors of college level studies. For information on Dual Enrollment visit www.bakersfieldcollege.edu/dual-enrollment

Student Employment

www.bakersfieldcollege.edu/student/employment

Student Employment is a subdivision of the Career Education Department that supports career readiness, on and off-campus employment, work experience, internships and other work based learning activities.

Job Developers are available by appointment to support students, graduates, and alumni with career related services such as resume review, job search strategies and mock interviews. For more information please stop by FACE 16 or call (661) 395-4402.

Step 1 Create an account on Jobspeaker: bakersfield.jobspeaker.com Click "Free Sign Up"

Step 2 Select your program, complete your profile and upload your resume

Step 3 Begin your Job Search

For best results with Jobspeaker registration use Google Chrome as your browser.



With jobspeaker™ you can:

- **Find jobs** on and off campus, save them using the bookmark tool, and apply on the web or from your mobile device
- Get **personalized job search** based on your skills
- Manage job search related events **all in one dashboard**

TIP: When actively job seeking, check your Jobspeaker account often; all interactions, including the scheduling of your interview, will be done through the online system.

For all these tools and more right at your fingertips, download the app from Google Play or the App Store®.



Google Play and the Google Play logo are trademarks of Google LLC. Apple, the Apple logo, iPhone, and iPad are trademarks of Apple Inc., registered in the U.S. and other countries and regions. App Store is a service mark of Apple Inc.

Explore Careers @ these websites



www.cacareerzone.org — With Career Zone California you will learn about yourself through an assessment, explore available employment options; and decide the training that will prepare you for them.



www.onetonline.org — O-Net is a national tool for career exploration and detailed descriptions of the world of work and job analysis; providing valid labor market data on a broad range of occupations.



bakersfield.emsicc.com — Bakersfield College's Career Coach allows you to identify careers that interest you through career assessments then explore careers and relevant data. You can then discover majors and programs to get you to the career you want. Career Coach also has a tool to assist with resume building.



finditbeit.org — Find it! Be it! helps students explore career programs offered at colleges throughout the region and take a six-question quiz to match your interests to programs that prepare you for well-paying jobs close to home.



salarysurfer.cccco.edu — SalarySurfer helps students and their families make important decisions about investing time and money in a college education. Also shares potential earnings after receiving a certificate or degree.

BAKERSFIELD COLLEGE

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Affirmative Action/Equal Opportunity Statement

In accordance with the requirements of the Civil Rights Act, Bakersfield College provides services and benefits to students regardless of race, color, national origin, ancestry, gender, age, religion, marital status, medical condition or disability. The lack of English language skills will not be a barrier to administration and participation in vocational education programs. Additional information/contacts are included in the Bakersfield College Catalog.