NC COMMUNITY COLLEGES | BioNetwork

INTEREST PROFILER

Read the work activities carefully and decide how you would feel about doing each type of work. Try not to think about whether you have enough education or training to do the work, or how much money you would make doing the work. Just think about whether you would like or dislike performing the work activity.

If you think you would like the work activity, mark the "Like" box.

Work Activity	Like
Build kitchen cabinets	
Lay brick or tile	
Develop a new medicine	
Study ways to reduce water pollution	
Write books or plays	
Play a musical instrument	
Teach an individual an exercise routine	
Help people with personal or emotional problems	
Buy and sell stocks and bonds	
Manage a retail store	
Develop a spreadsheet using computer software	
Proofread records or forms	
Repair household appliances	
Raise fish in a fish hatchery	
Conduct chemical experiments	
Study the movement of planets	
Compose or arrange music	
Draw pictures	
Give career guidance to people	
Perform rehabilitation therapy	
Operate a beauty salon or barber shop	
Manage a department within a large company	
Load computer software into a large computer network	
Operate a calculator	
Assemble electronic parts	
Drive a truck to deliver packages to offices and homes	
Examine blood samples using a microscope	
Investigate the cause of a fire	
Create special effects for movies	
Paint sets for plays	

Work Activity	Like
Do volunteer work at a non-profit organization	
Teach children how to play sports	
Start your own business	
Negotiate business contracts	
Keep shipping and receiving records	
Calculate the wages of employees	
Test the quality of parts before shipment	
Repair and install locks	
Develop a way to better predict the weather	
Work in a biology lab	
Write scripts for movies or television shows	
Perform jazz or tap dance	
Teach sign language to people with hearing disabilities	
Help conduct a group therapy session	
Represent a client in a lawsuit	
Market a new line of clothing	
Inventory supplies using a hand-held computer	
Record rent payments	
Set up and operate machines to make products	
Put out forest fires	
Invent a replacement for sugar	
Do laboratory tests to identify diseases	
Sing in a band	
Edit movies	
Take care of children at a day care center	
Teach a high school class	
Sell merchandise at a department store	
Manage a clothing store	
Keep inventory records	
Stamp, sort, and distribute mail for an organization	

SCORING THE INTEREST PROFILER

Work activity items are color/pattern coded to help you score and interpret results. The six color/pattern bands of items represent six interest areas. Items in the same color/pattern band represent an interest area. To reveal your interest areas, follow these instructions:

Step 1: Count the number of "Likes" you marked for the questions in the green band on page 1.
Step 2: Record the number in the "R" green box below. This total equals your score for the Realistic interest area.
Step 3: Repeat steps 1 and 2 for the pink, yellow, purple, orange, and blue questions.

REALISTIC	INVESTIGATIVE	ARTISTIC	SOCIAL	ENTERPRISING	CONVENTIONAL
R	I	A	S	E	C

Primary interest area: _____ (highest score)   **Secondary interest area(s):** _____ & _____ (2nd & 3rd highest)

REALISTIC: THE "DOERS"
People with realistic interests like work activities that include practical, hands-on problems and solutions. They enjoy dealing with plants, animals, and physical materials like wood, tools, and machinery. They often enjoy outside work. Often people with realistic interests prefer working independently.

SOCIAL: THE "HELPERS"
People with social interests like work activities that assist others and promote learning and personal development. They prefer occupations where they communicate with coworkers and customers daily. They like to teach, give advice, help, or otherwise be of service to people.

INVESTIGATIVE: THE "THINKERS"
People with investigative interests like work activities that have to do with ideas and thinking. They prefer to search for facts and figure out problems mentally. They enjoy both working in teams and working on individual projects.

ENTERPRISING: THE "PERSUADERS"
People with enterprising interests like work activities that have to do with starting up and carrying out projects, especially business ventures. They like persuading and leading people and making decisions. They enjoy taking risks for profit. When problems or opportunities arise, these people take swift action.

ARTISTIC: THE "CREATORS"
People with artistic interests like work activities that deal with the artistic side of things, such as forms, designs, and patterns. They like self-expression in their work. They prefer settings where creative solutions and outside-the-box thinking are valued.

CONVENTIONAL: THE "ORGANIZERS"
People with conventional interests follow procedures and maintain accurate written and numerical business records. They prefer working in structured settings where roles and tasks are clearly defined.

Now that you've identified your primary and secondary interests, play the **Reality Check Game** and watch the **Success Video** using the links or QR codes below. These will give you a better idea of what to look for in a potential career. On the next page, **use your Interest Profiler results, the salary information from the Reality Check game, and your individual skills as described in the video** to identify degree programs that might be right for you.

REALITY CHECK GAME
How much do you need to make to support your desired lifestyle? Scan the QR code to get started, or visit:

nccareers.org/realitycheck/landing

SUCCESS VIDEO
What should you really focus on when choosing a career? Scan the QR code to watch the video, or visit:

player.vimeo.com/video/67277269

COMMUNITY COLLEGE PROGRAMS

Bioscience is one of the largest and fastest growing industries in North Carolina. The bioscience industry provides more than 75,000 jobs that pay an average annual salary of $91,000. (TEConomy 2018) The following programs are two-year degree programs and were chosen because they prepare graduates for some of the many bioscience jobs in North Carolina.

The list of programs is not comprehensive. We strongly encourage students to use this pamphlet as a starting point and to do additional research on jobs in the biotechnology and life science fields related to their individual interests.

Median Salary in NC: $ 20-35K $$ 35-50K $$$ 50K+   **Expected Growth in NC (2014-24):** ★ 0-3% ★★ 4-7% ★★★ 8-11% ★★★★ 12-16% ★★★★★ 17-20%

Interest Areas are listed in order of prevalence and based on potential careers resulting from the listed programs.

Program	Median NC Salary	Expected NC Job Growth	Interest Areas
Agribusiness Technology/Aquaculture Technology Planning and design, management, operations, and sales for aquatic ecosystems and agricultural business; includes swine management and viticulture	$$	★	E R C
Biotechnology Biological laboratory testing for quality analysis, research and development, and manufacturing; includes marine research and pharmaceutical development	$$$	★★★	I C R
Central Sterile Processing Process, store, and issue both sterile and non-sterile supplies, instrumentation, and equipment for patient care	$	★★★★★	R C I
Chemical Technology Prepare solutions, collect samples, and perform various types of chemical tests for industrial, environmental, or pharmaceutical companies	$$	★★★★	R I C
Environmental, Health, and Safety/Sustainability Technologies Evaluate work environments and design procedures to prevent disease or injury; follow and enforce safety laws and regulations; work in energy production or waste reduction	$$$	★★★★	I R C
Environmental Engineering Technology Modify, test, and operate equipment and devices used in the prevention, control and remediation of environmental problems	$$	★★★★	R I C
Facility Maintenance Technology Repair and maintain electrical, mechanical, and physical systems in both commercial and industrial institutions	$$	★★	R C I E
Food Service Technology Earn diploma in Food Service; become a cook or a baker in production or institutional settings	$	★	R C E A
Histotechnology Prepare tissue specimens for microscopic examination using various stains and dyes to identify tissue and cell structures	$$$	★★★★★	R I C
Horticulture Technology Cultivate plants, trees, and ground covers; manage pests; operate nurseries, landscape operations, or governmental agencies/parks	$	★	R E C
Industrial Engineering/Industrial Management Technology Use engineering principles and technical skills to develop, implement, and improve industrial systems; plan and manage operations of industrial processes	$$$	★★	C R E I A

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	Median NC Salary	Expected NC Job Growth	Interest Areas
Industrial Systems Technology Prepare to work individually or with a team to safely install, inspect, diagnose, repair, and maintain industrial process and support equipment	$$	★★ ★★	RCI
Laser and Photonics Technology Employment opportunities include fiber optic communications, materials processing, surgery, and research; apply engineering principles and technical skills operating laser-based systems	$$	★★ ★★	REIC
Mechanical/Mechatronics Engineering Technology Work with mechanical or electromechanical systems; jobs ranging from testing and process improvement to engineering and research	$$$	★★★	RIC
Medical Laboratory Technology Medical or research sectors; collect specimens, perform laboratory tests, and interpret results related to tissues, blood, and bodily fluids	$$	★★ ★★	RIC
Manufacturing Technology Specialize in manufacturing, quality assurance, CAD/CAM, or research and development; use engineering principles and technical skills to identify and resolve problems	$$$	★★	RIC
Nanotechnology Identify and create materials for biological, textile, chemical, and electrical applications at the atomic level	$$$	★★★	RIC

BUSINESS PROGRAMS

	Median NC Salary	Expected NC Job Growth	Interest Areas
Accounting and Finance	$$	★	CEI
Business Administration	$$$	★★★★	ECS
Networking Technology	$$$	★★★★	RIEC

MEDIA PROGRAMS

	Median NC Salary	Expected NC Job Growth	Interest Areas
Simulation and Game Development	$$$	★★	ACIE
Advertising / Graphic Design	$$$	★★★★	ACIR

CONSTRUCTION & TRANSPORTATION

	Median NC Salary	Expected NC Job Growth	Interest Areas
Building Construction Technology	$$	★★★★	REC
Electrical Systems Technology	$$$	★★★	RIC
Supply Chain Management	$$$	★★★	ECR

HUMAN SERVICES

	Median NC Salary	Expected NC Job Growth	Interest Areas
Criminal Justice	$	★★	RECS
Emergency Management	$$$	★★	CESR
Occupational Education	$$	★★	SR

What if you don't want to go to school for two more years?

The North Carolina Community College System offers other options, such as 6 week certification courses and technical diplomas. These options can lead directly to a job and provide relevant, necessary skills for the workplace.

What if you want to attend a 4-year university?

All NC community colleges offer transfer degrees, which are designed to articulate directly to NC public universities and many NC private universities. By completing the first two years of your bachelor's degree at a community college you will save thousands of dollars on the total cost of your education.

For more detailed career information visit
http://nccareers.org/careerguide/

Get a jump start on your future - for FREE!
Success in today's global economy may require a degree, a certificate, or diploma.

NC CAREER & COLLEGE PROMISE

- CCP provides high school students with the opportunity to pursue these options, tuition free, while they are in high school, allowing them to get a jump start on their workplace and college preparation.
- See your high school guidance counselor or CC admissions office for more information!