

# HEALTH, NATURAL & APPLIED SCIENCES & COMPUTER SCIENCE TECHNOLOGIES

## ENTRY LEVEL CAREERS

- animal care worker / pet grooming/ kennel worker
- funeral assistant
- dental receptionist
- health care aide
- landscape/ horticultural/ agricultural worker
- conservation fishery worker
- water plant worker
- home support worker
- nurse's aid / orderly
- personal support worker
- computer support technician
- fitness instructor

## COLLEGE LEVEL CAREERS

- environmental/ ecosystem technician
- fish & wildlife technician
- biomedical / laboratory technician
- radiation/ nuclear medical technician
- dental assistant or hygienist
- horticulturist/ agriculturalist
- massage therapist
- physiotherapist assistant
- pharmacy technician
- food and nutrition technician
- practical nurse
- paramedic, firefighter
- veterinarian technician/ technologist
- personal trainer, fitness management/ instructor
- civil, mechanical, industrial, electrical, manufacturing or other engineering technician
- computer/ programming technician

## UNIVERSITY LEVEL CAREERS

- landscape architect, urban planner, surveyor
- biologist, zoologist, forester, agriculturalist
- registered nurse, nurse practitioner, midwife
- community health promotion - policy making, awareness or education
- physical or occupational therapist
- chiropractor, athletic injury therapist
- kinesiologist, personal trainer, fitness consultant, teacher, coach
- audiologist, optometrist
- pharmacist, dietician, nutritionist
- physician, dentist, veterinarian, naturopath
- forensic scientist /medical researcher
- physicist, astronomer, chemist, geologist, meteorologist, scientist
- architect, civil, mechanical, electrical, robotics, aerospace, or other engineer
- computer programmer or engineer

**SECONDARY SCHOOL PATHWAYS: check for College and University program specific pre-requisites and recommendations!**

GRADE 9	GRADE 10	GRADE 11	GRADE 12
<p><b>SUGGESTED ELECTIVES:</b></p> <ul style="list-style-type: none"> <li>• Visual Art / Music / Drama</li> <li>• Integrated Technology</li> </ul>	<p><b>SUGGESTED ELECTIVES:</b></p> <ul style="list-style-type: none"> <li>• Healthy Active Living</li> <li>• Computer &amp; Information Science</li> <li>• Communication Technology</li> <li>• Visual Art (for architecture or design)</li> </ul>	<p><b>SUGGESTED ELECTIVES: (may be taken in grades 11 or 12 for college or workplace bound students)</b></p> <ul style="list-style-type: none"> <li>• Healthy Active Living/Fitness for Girls</li> <li>• Outdoor Recreation</li> <li>• <b>Biology, Chemistry and/or Physics</b></li> <li>• Environmental Science</li> <li>• Health Care Technology</li> <li>• Introduction to Anthropology</li> <li>• Computer Science</li> <li>• Communications Technology</li> <li>• Physical Geography</li> <li>• Visual Art (architecture or design)</li> </ul>	<p><b>SUGGESTED ELECTIVES:</b></p> <ul style="list-style-type: none"> <li>• Healthy Active Living</li> <li>• Fitness &amp; Recreation Leadership</li> <li>• Outdoor Education</li> <li>• Exercise Science</li> <li>• <b>Biology, Chemistry and/or Physics</b></li> <li>• Environmental Geography</li> <li>• Computer Science</li> <li>• Communications Technology</li> <li>• <b>Mathematics</b></li> <li>• Geo-technology (GIS)</li> <li>• Visual Art (architecture or design)</li> </ul>

**\*\*COOPERATIVE EDUCATION COURSES ARE ENCOURAGED IN GRADES 11 AND/OR 12 FOR ALL PATHWAYS**