

**Career Pathways for Tech High School
Recommended courses for the Health Science & Technology Career Cluster**

Do you like to:

- Respond quickly and clearly in emergencies?
- Perform multiple tasks at one time?
- Work long hours?
- Work with others and work physically close to people?
- Use strong memorization and problem-solving skills?
- Work with math and science areas?

Health Services:

People attracted to careers in this pathway like to help others. This career path includes programs related to the promotion of health in people and animals, as well as the treatment of injuries, conditions, and diseases. These may include medicine, dentistry, mental and physical health, nursing, therapy and rehabilitation, nutrition, fitness, and hygiene.

GRADES

	9	10	11	12
Language Arts	2 Semesters Language Arts 9	2 Semesters Language Arts 10	2 Semesters 1 Composition 1 Literature	2 Semesters 1 Speech 1 Elective
Mathematics	2 Semesters Math	2 Semesters	2 Semesters Choose	
Science	2 Semesters Earth/Space 9	2 Semesters Biology	2 Semesters Choose <i>-Human Biology++</i>	<i>-Human Biology++</i>
Social Studies	2 Semesters Geography 9	1 Semester World History	2 Semesters U.S. History	2 Semesters 1 Semester Economics 1 Semester Global
Fitness/Health	2 Semesters Fitness for Life	1 Semester Fitness for life 1 Semester Health		
Art	1 Semester (Elective #1)	1 Semester		
Foreign Lang.	1 Semester (Elective #1)	1 Semester (Elective #1)		
Sciences		3 Semesters (Elective 2&3) <i>-Life Guard Training -Personal Fitness Trends</i>	4 Semesters (Elective 1-4) <i>-Life Guard Training -Personal Fitness Trends</i>	8 Semesters (Elective 1-8) <i>-Life Guard Training -Personal Fitness Trends -Emergency Medical Services I Discovery Academy --Emergency Medical Services II Discovery Academy</i>

Required Courses
Suggested Courses

** AP Course
++ SCTC Tech Prep Course
SRS Course

Potential Careers in the Health Science & Technology Career Pathway

HS Diploma (some additional training may be necessary)	Technical Training or 2-year Degree (possible certification)	4-year Degree and Beyond
Aerobics Instructors Certified Nurses Aide Dispensing Optician Emergency Medical Technician Fitness Trainers Home-Health Aide Lifeguard Medical Equipment Preparers (minimum) Orderly Personal and Home Care Aides Physical Therapist Aides Psychiatric Aides (minimum) Veterinary Assistants	Cardiology Technologist* Cardiovascular Technologists (minimum)*# Dental Assistant* Dental Hygienist* Dietetic Technicians Echocardiographer* Emergency Medical Technicians (EMT)* Health Information Technician*+ Histology Technician Licensed Practical Nurse*+ Massage Therapist+# Medical Assistants+# Medical Laboratory Technicians+# Medical Laboratory Technologist+# Medical Records Technician+ Medical Sonographers* Nuclear Medicine Technologists Nursing Assistants* Occupational Therapist Assistant Opticians Paramedic* Pharmacy Technician+ Phlebotomist# Physical Therapist Assistants Psychiatric Technicians Radiologic Technologists Respiratory Therapists Stress Test Technician Surgical Technologist*+ Veterinary Technician# Veterinary Technologists	Addictions Counselors~ Alternative Health Care Practitioners Anesthesiologists Anesthetist Athletic Trainers~^ Audiologists Biomedical Engineers Chiropractors^ Compliance Officers and Inspectors Coroners Dentists^ Dermatologist Dietician^ Epidemiologist Exercise Physiologist Family Practitioners Forensic Science Technicians General Practitioners Geriatrician Gynecologists Health Service Administrators~ Immunologist Internist Medical Laboratory Technologists~ Medical Researcher~ Medical/Clinical Laboratory~ Medical/Dental Office Manager~ Mental Health Counselors~ Nurse Anesthetist Nurse Midwives Nurse Practitioners Nurse-midwife Nutritionist~^ Obstetricians Occupational Health and Safety Specialist Occupational Therapist^ Optometrist^ Orthotic and Prosthetic Specialist Pathologist Pediatrician Pharmacist^ Pharmacologist^ Pharmacy Technicians^ Physical Therapists^ Physician Assistant^ Podiatrists Psychiatrist~ Psychologists~^ Radiation Therapists~ Recreation Therapist Registered Nurse~^ Science Technicians Speech Pathologists~ Statisticians~ Surgeon Technologist Veterinarian^

* Programs offered at St Cloud Technical College
 + Programs offered at Rasmussen
 # Programs offered at Minnesota School of Business/Globe College
 ~ Programs offered at St. Cloud State University
 ^ Programs offered at College of St. Benedict/ St. John's University