



SAMPLE OCCUPATIONS RELATING TO THIS CAREER CLUSTER	
Pathway	Occupations
THERAPEUTIC SERVICES	Athletic Trainer • Dental Assistant/Hygienist • Occupational Therapist • EMT/Paramedic • Physician • Nurse • Veterinarian
DIAGNOSTIC SERVICES	Lab Technician • Phlebotomist • Geneticist • Nutritionist • Psychologist • Radiologist • Toxicologist • Pathologist
HEALTH INFORMATICS	Health Information Coder • Admitting Clerk • Transcriptionist • Medical Librarian
SUPPORT SERVICES	Dietary Technician • Hospital Maintenance Engineer • Environmental Services Technician
BIOTECHNOLOGY RESEARCH & DEVELOPMENT	Research Scientist/Assistant • Pharmacist • Microbiologist • Biostatistician

MINOT HIGH SCHOOL - SUGGESTED COURSE OF HIGH SCHOOL STUDY						
It is suggested that students consider appropriate dual credit, articulation, or advanced placement opportunities for postsecondary credit.						
Language Arts (four credits required to graduate)	Math (three credits required to graduate)	Science (three credits required to graduate)	Social Studies (three credits required to graduate)	Physical Education (two credits required to graduate)	Minot Public Schools Career & Technical Education and Other Electives (a total of three credits must be earned in foreign language, fine arts, or career and technical education – required to graduate)	Additional Suggested Learning Opportunities
<input type="checkbox"/> Grade 9 Lang Arts* <input type="checkbox"/> Grade 10 Lang Arts* <input type="checkbox"/> Grade 11 Lang Arts* <input type="checkbox"/> Speech or Debate* <input type="checkbox"/> Read Improvement <input type="checkbox"/> Basic Writing <input type="checkbox"/> Creative Writing <input type="checkbox"/> Humanities <input type="checkbox"/> Media Literacy <input type="checkbox"/> AP English 11 and 12 <input type="checkbox"/> College Composition (D) <input type="checkbox"/> College Speech (D)	<input type="checkbox"/> Intro to Algebra <input type="checkbox"/> Consumer Math <input type="checkbox"/> Algebra* <input type="checkbox"/> Geometry <input type="checkbox"/> Advanced Algebra <input type="checkbox"/> Advanced Math <input type="checkbox"/> Pre-Calculus (D) <input type="checkbox"/> AP Calculus Prep <input type="checkbox"/> AP Calculus <input type="checkbox"/> College Algebra (D) <input type="checkbox"/> Probability & Statistics (D)	<input type="checkbox"/> Physical Science* <input type="checkbox"/> Biology* <input type="checkbox"/> Honors Biology <input type="checkbox"/> Advanced Biology <input type="checkbox"/> Physics <input type="checkbox"/> Advanced Physics <input type="checkbox"/> Chemistry <input type="checkbox"/> Anatomy & Physiology <input type="checkbox"/> AP Chemistry	<input type="checkbox"/> World History* <input type="checkbox"/> U.S. History* <input type="checkbox"/> American Government* <input type="checkbox"/> Sociology <input type="checkbox"/> Economics* <input type="checkbox"/> Psychology	<input type="checkbox"/> Physical Education <input type="checkbox"/> Health *Required Courses (D) – Dual Credit 22 Credits are Required to graduate from Minot High School	<input type="checkbox"/> Child Development & Parenting <input type="checkbox"/> Careers with Children <input type="checkbox"/> Nutrition and Fitness <input type="checkbox"/> Medical Careers 1 & 2 <input type="checkbox"/> Human Body Systems <input type="checkbox"/> Medical Interventions <input type="checkbox"/> Principles of Biomedical Science <input type="checkbox"/> Introduction to Computer Applications <input type="checkbox"/> Foreign Language <input type="checkbox"/> Certified Nursing /Medication Assistant	School-Based: <input type="checkbox"/> SkillsUSA <input type="checkbox"/> Student Government <input type="checkbox"/> Career Research <input type="checkbox"/> Service Learning Project <input type="checkbox"/> Job Shadowing <input type="checkbox"/> Cooperative Education <input type="checkbox"/> Internship Community-Based: <input type="checkbox"/> Mentorship <input type="checkbox"/> Volunteer <input type="checkbox"/> Part-time Employment
For a complete listing of course offerings/electives at Minot High School, go to our Registration Guide at: http://pages.minot.k12.nd.us/votech/File/image/RegGuide.pdf						

NORTH DAKOTA POSTSECONDARY PROGRAMS RELATED TO THIS CAREER CLUSTER			
Pathway	Associate Degree or Less	Bachelors Degree	Masters Degree or More
THERAPEUTIC SERVICES	<input type="checkbox"/> Massage Therapy (BSC, SRGSPM, WSC) <input type="checkbox"/> Dental Assisting (NDSCS) <input type="checkbox"/> Dental Hygiene (NDSCS) <input type="checkbox"/> EMT - Paramedic Technician (BJCC, BSC) <input type="checkbox"/> Nursing (BSC, DSU, FBCC, LRSC, NDSCS, SBC, TMCC, UTTC, WSC, Burdick Job Corps) <input type="checkbox"/> Occupational Therapy Assistant (NDSCS, WSC) <input type="checkbox"/> Physical Therapy Assistant (WSC) <input type="checkbox"/> Surgical Technology (BSC)	<input type="checkbox"/> Athletic Trainer/ Sports Medicine (MaSU, MiSU, NDSU, UND, UM) <input type="checkbox"/> Occupational/Physical Therapy (UM, UND) <input type="checkbox"/> Nursing (DSU, JC, MiSU, MOCN, NDSU, UM, UND) <input type="checkbox"/> Veterinary Technician (NDSU) <input type="checkbox"/> Respiratory Therapy (NDSU, UM)	<input type="checkbox"/> Occupational Therapy (UM, UND) <input type="checkbox"/> Internal Medicine (UND) <input type="checkbox"/> Medicine (physician) (UND) <input type="checkbox"/> Nurse Anesthesia Specialist (UND) <input type="checkbox"/> Physical Therapy (UM, UND) <input type="checkbox"/> Pathology (UND)
DIAGNOSTIC SERVICES	<input type="checkbox"/> Phlebotomy Technician (BJCC, BSC) <input type="checkbox"/> Clinical Laboratory Technician (BSC) <input type="checkbox"/> Radiology Technician (BSC)	<input type="checkbox"/> Food & Nutrition/Dietetics (NDSU, UND) <input type="checkbox"/> Clinical Lab Science (JC, MiSU, NDSU, UM, UND) <input type="checkbox"/> Radiologic Technology (JC, MiSU, NDSU, UM)	
HEALTH INFORMATICS	<input type="checkbox"/> Health Information Technician (BJCC, NDSCS, WSC) <input type="checkbox"/> Medical Coding (BJCC, DCB, NDSCS, WSC) <input type="checkbox"/> Medical Transcription (BJCC, NDSCS, UTTC, WSC) <input type="checkbox"/> Medical Office Support (BJCC, FBCC)		
SUPPORT SERVICES	<input type="checkbox"/> Medical Administrative Assistant (BSC, NDSCS) <input type="checkbox"/> Medical Assistant (BSC, DCB)	<input type="checkbox"/> Human Resource Development/Mgmt. (DSU, NDSU, VCSU) <input type="checkbox"/> Occupational Safety & Environmental Health (DSU, UND)	
BIOTECHNOLOGY RESEARCH & DEVELOPMENT	<input type="checkbox"/> Biotechnology (NDSCS) <input type="checkbox"/> Pharmacy Technician (NDSCS)	<input type="checkbox"/> Biotechnology (NDSU)	<input type="checkbox"/> Pharmacy Doctorate (NDSU)

BJCC – Burdick Job Corps Center, BSC – Bismarck State College, DCB – Dakota College Bottineau, DSU – Dickinson State University, FBCC – Fort Berthold Community College, JC – Jamestown College, LRSC – Lake Region State College, MiSU – Minot State University, MaSU – Mayville State University, MOCN – Medcenter One College of Nursing, NDSCS – North Dakota State College of Science, NDSU – North Dakota State University, SBC – Sitting Bull College, SRGSPM – Sister Rosalind Gefre’s School of Professional Massage, TMCC – Turtle Mountain Community College, UTTC – United Tribes Technical College, UM – University of Mary, UND – University of North Dakota, VCSU – Valley City State University, WSC – Williston State College.