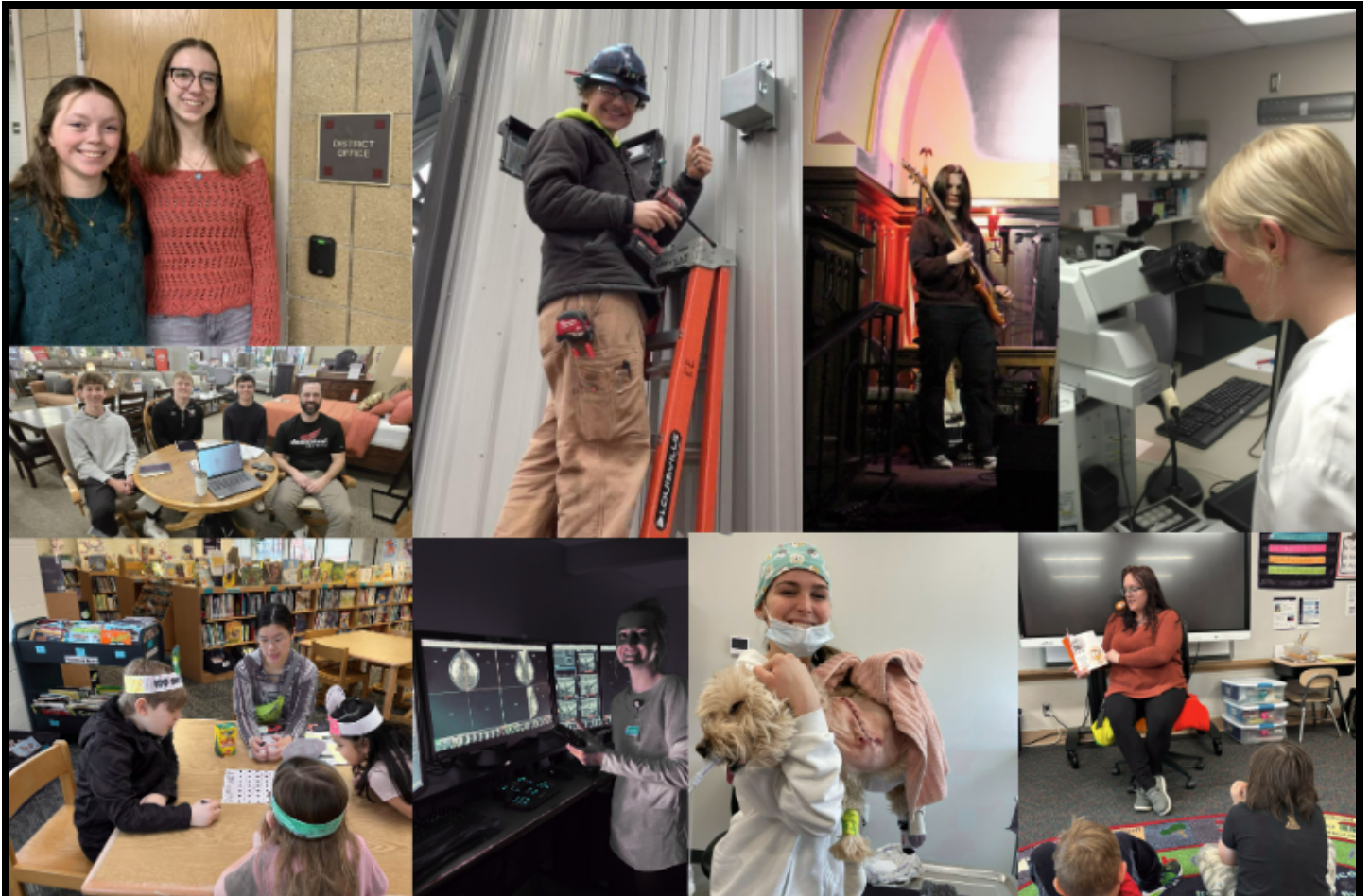


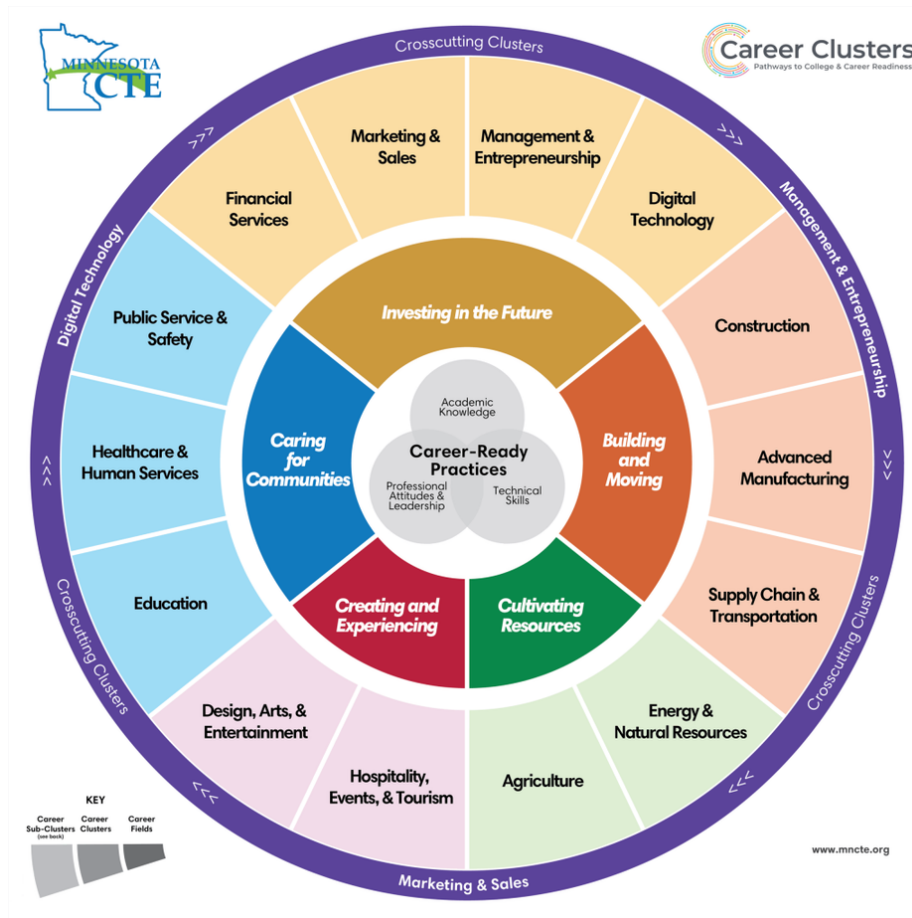
WINGER FLIGHT PATHS 2026-27

WINGER *Flight Paths*

**Helping All Students Making a More
Informed Choice after Graduation**



WHAT ARE WINGER FLIGHT PATHS?



Using the Minnesota CTE Wheel above that divides all careers into clusters, we have aligned courses into the four main Winger Flight Paths with individual pathways

<u>Healthcare, Agriculture, and other Sciences</u> Healthcare Sports Medicine Plant Science Animal Science Natural Resources Mathematics Chemistry	<u>Manufacturing, Engineering and Technology</u> AI Integrated Computing Education Carpentry Construction Engineering Machining Metalworking Transportation
<u>Business, Communications, and Art</u> Finance Marketing Journalism 2D Arts 3D Arts Choral Band	<u>Human Service, Government and Education</u> Human Services and Education Government Hospitality Dakota Language Spanish German

WHAT ARE WINGER FLIGHT PATHS?

Our Purpose: Winger Flight Paths are designed to increase goal orientation, career exploration and awareness, and provide lenses of equality among career fields and continuing levels of education. Our motto is for students to make a more informed choice for what to do after graduation.

Our Philosophy: Graduation is a part of the process, not the end. A student's path after graduation is ultimately theirs to pursue, but we at RWHS are here to provide direction and flexibility as students pursue their goals and take their first steps on their own career path.

The 4-3-2-1 Model

Complete your Winger Flight Path by fulfilling the following:

4 — Career Preparation Courses

- Includes both required and elective courses for graduation
- Relates to your career field of interest
- Shows a progression of skills
- Demonstrates continued growth in your chosen pathway

3 — Passion Courses

- Education at RWHS is more than career focused
- Honors you as a whole person
- One student's passion could be another's Flight Path

2 — Career Related Courses or Activities

- Encourages related skill growth
- Can be additional courses including any of the courses within the main Flight Path
- Can be school or community-based extracurriculars
- Can be employment or volunteering in a related field

1 — Professional Engagement Opportunity

- Individual or small group job shadow or interview
- Career speaker session (in person or virtual)
- Internships and apprenticeships

DESIGN YOUR WINGER FLIGHT PATH

How to use this booklet:

This booklet is intended to help students be intentional during registration and creating/updating their 4-year plan as it relates to their current career plan (which is OK to change!). This booklet will highlight courses and activities related to the 4 Career Preparation Courses, 2 - Related Courses or Activities, as well as advanced course work beyond the Flight Path.

This booklet is meant to be paired with the RWHS Course Catalog, which contains details about each course including graduation requirements, registration numbers, prerequisites, and class descriptions.

Below is a Sample Flight Path. In the courses row, any course with an asterisk (*) next to the name indicates the potential to earn college credit as well. Red Wing High School has 21 courses that offer college credit while enrolled in high school. For students whose career plan requires a college degree, it is recommended to review the required courses and generals for the college degree for registration. Especially during junior and senior year, students can take advantage of courses at the high school that either meet or exceed graduation requirements that may also meet requirements for post-secondary education which can save students time and/or money after high school graduation.

Sample Flight Path

4 Career Prep Courses		Related Courses and Activities		Advanced Course Options	
These are a series of courses related to the careers listed below and the overall career field.		These are related courses or activities that support the skill development towards the career field area.		These are additional course opportunities beyond the Career Preparation Courses	
High School Diploma	2 Year degree or less	Bachelor's Degree		Masters or PHD	
These are a few examples of some careers in this career field area that require only a high school diploma and often on the job training.	These are a few examples of some careers in this career field area that require a diploma, certificate, or Associate's Degree.	These are a few examples of some careers in this career field area that require a Bachelor's Degree that are designed to be completed within 4 years.		These are a few examples of some careers in this career field area that will require a Bachelor's Degree and then an additional two or more years of graduate and/or doctoral school.	

It is also recommended for students to research their careers of interest to better understand how in demand their careers are expected to be in the future using the Bureau of Labor Statistics, DEED, and other resources.

HEALTHCARE, AGRICULTURE AND OTHER SCIENCES

Healthcare Flight Path

4 Career Prep Courses		Related Courses and Activities	Advanced Course Options
Nutrition Anatomy and Physiology *Survey of Chemistry *Organic Biochemistry		Psychology Child Psychology 1 & 2 Family Living HOSA Club	*Honors Precalc or *College Algebra *Nursing Assistant *AP Biology
High School Diploma	2 Year degree or less	Bachelor's Degree	Masters or PHD
Certified Nursing Assistant Medical Assistant Phlebotomist Home Health Aide	Licensed Practical Nurse Dental Hygienist Surgical Technologist Radiologic Technologist	Registered Nurse Dietician Biomedical Engineer Public Health Specialist	Physician Nurse Practitioner Pharmacist Physician Assistant

Sports Medicine Flight Path

4 Career Prep Courses		Related Courses and Activities	Advanced Course Options
Nutrition Individual and Dual Sports Intro to Strength and Fitness Anatomy and Physiology		Team Sports Lifetime Fitness Unified Sports Psychology HOSA Club	*AP Physics *AP Biology *Survey of Chemistry *Organic Biochemistry
High School Diploma	2 Year degree or less	Bachelor's Degree	Masters or PHD
Fitness Trainer Sports Equipment Manager Dietetic Aide Recreation Worker	Personal Trainer Physical Therapist Assistant Athletic Trainer Massage Therapist	Athletic Trainer Exercise Physiologist Physical Education Teacher Nutritionist	Physical Therapist Sports medicine Physician Chiropractor Kinesiologist Researcher

Animal Science Flight Path

4 Career Prep Courses		Related Courses and Activities	Advanced Course Options
*Survey of Chemistry Companion Animals Large Vet Science Anatomy and Physiology		Nutrition Psychology FFA Club	*AP Biology *Organic Biochemistry
High School Diploma	2 Year degree or less	Bachelor's Degree	Masters or PHD
Veterinary Assistant Kennel Assistant Pet Groomer Animal Caretaker	Veterinary Technician Animal Trainer Zoo Technician Laboratory Animal Caretaker	Animal Scientist Wildlife Biologist Zoologist Conservation Officer	Veterinarian Animal Behaviorist Wildlife Biologist Researcher Veterinary Pathologist

HEALTHCARE, AGRICULTURE AND OTHER SCIENCES

Plant Science Flight Path

4 Career Prep Courses		Related Courses and Activities		Advanced Course Options	
Floriculture Landscape Design Greenhouse Technology *Survey of Chemistry		Small Gas Engines FFA Club Sustainability Club		AP Biology *Organic Biochemistry *Basic and Applied Statistics	
High School Diploma	2 Year degree or less	Bachelor's Degree		Masters or PHD	
Landscaping Worker Groundskeeper Nursery Worker Tree Trimmer	Landscape Technician Greenhouse Manager Precision Agriculture Technician Florist	Horticulturist Landscape Architect Plant Scientist Soil and Water Conservationist		Soil and Plant Scientist Plant Pathologist Environmental Scientist Agronomist (Research)	

Natural Resources Flight Path

4 Career Prep Courses		Related Courses and Activities		Advanced Course Options	
*Survey of Chemistry Aquaculture Fish and Wildlife *AP Biology		Nutrition Psychology FFA Club		*Organic Biochemistry *Basic and Applied Statistics	
High School Diploma	2 Year degree or less	Bachelor's Degree		Masters or PHD	
Commercial Fisher Fish Hatchery Worker Forest Worker Wildlife Technician (entry)	Fish and Game Warden Environmental Technician Commercial Diver Forestry Technician	Marine Biologist Wildlife Biologist Conservation Scientist Park Naturalist:		Marine Ecologist Fisheries Biologist Environmental Engineer Wildlife Research Scientist	

Mathematics Flight Path

4 Career Prep Courses		Related Courses and Activities		Advanced Course Options	
*Honors Pre-Calc or College Algebra *AP Calc *Basic and Applied Stats *Intro to Statistics		Math League		*AP Physics *AP Economics	
High School Diploma	2 Year degree or less	Bachelor's Degree		Masters or PHD	
Accounting Clerk Data Entry Specialist Bank Teller Bookkeeping Assistant	Paralegal (with math focus) Statistical Assistant. Actuarial Assistant Financial Analyst (entry)	Actuary Statistician Financial Analyst Operations Research Analyst		Mathematician Physicist Data Scientist Quantitative Analyst	

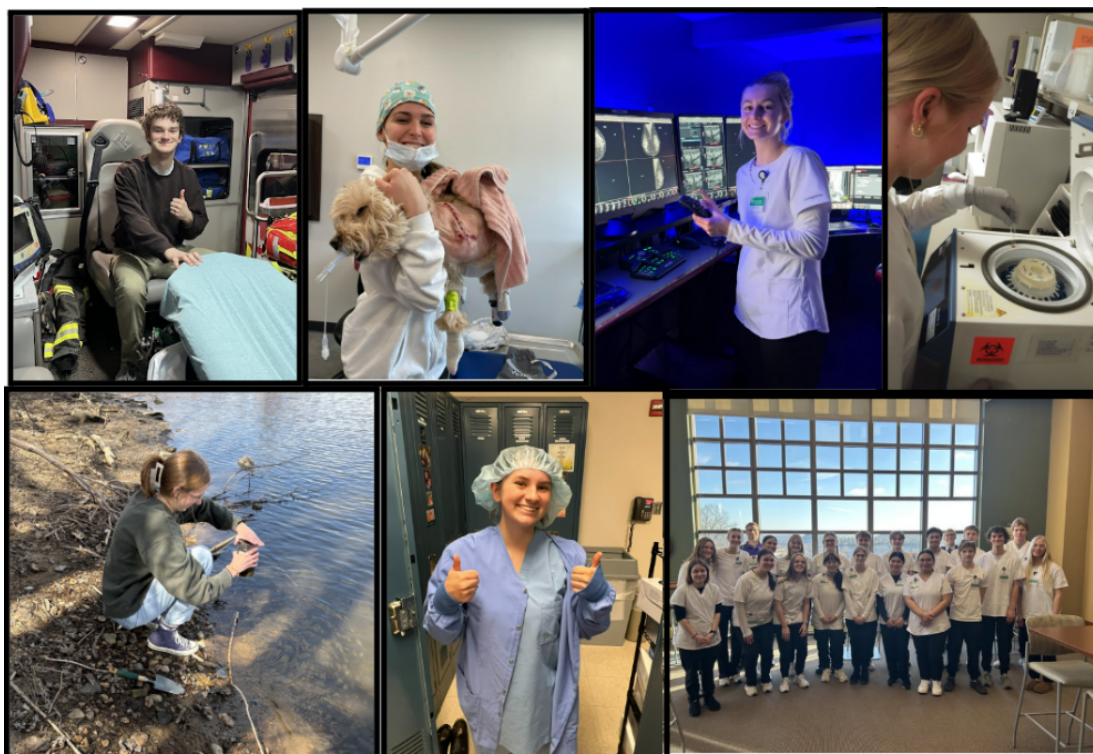
HEALTHCARE, AGRICULTURE AND OTHER SCIENCES

Chemistry Flight Path

4 Career Prep Courses		Related Courses and Activities	Advanced Course Options
Honors Pre-Calc or College Algebra Survey of Chemistry Organic Biochemistry Basic and Applied Stats		HOSA Club	AP Biology *Intro to Statistics
High School Diploma	2 Year degree or less	Bachelor's Degree	Masters or PHD
Chemical Plant Operator Pharmacy Aide Laboratory Assistant Quality Control Inspector	Chemical Technician Pharmacy Technician Medical Laboratory Technician Water Treatment Plant Operator	Chemist Biochemist Chemical Engineer Forensic Scientist	Pharmacist Research Chemist Anesthesiologist Materials Scientist

Career Clusters

- **Agriculture, Food, and Natural Resources:** Food Products and Processing Systems; Plant Systems; Animal Systems; Natural Resource Systems; Environmental Science Systems
- **Health Science:** Therapeutic Services; Diagnostics Services; Health Informatics; Support Services; Biotechnology Research and Development
- **STEM:** Science and Mathematics



BUSINESS, COMMUNICATIONS, AND ARTS FLIGHT PATHS

Finance Flight Path

4 Career Prep Courses		Related Courses and Activities	Advanced Course Options
Intro to Marketing and Business Flight Paths Capstone *AP Economics *Honors Pre-Calc or College Algebra		Market Management	*AP Calculus *Intro to Statistics *Basic and Applied Statistics
High School Diploma	2 Year degree or less	Bachelor's Degree	Masters or PHD
Bank Teller Accounting Clerk Loan Processor Collections Specialist	Bookkeeper Tax Preparer Financial Services Representative. Payroll Specialist	Accountant Financial Analyst Budget Analyst Personal Financial Advisor	Financial Manager Chief Financial Officer (CFO) Investment Banker Economist

Marketing Flight Path

4 Career Prep Courses		Related Courses and Activities	Advanced Course Options
Media Arts Intro to Marketing and Business Sports and Entertainment Marketing Psychology		Computer Applications Yearbook	Market Management *AP Economics Personal and Business Law *Basic and Applied Statistics
High School Diploma	2 Year degree or less	Bachelor's Degree	Masters or PHD
Sales Associate Social Media Assistant Marketing Intern Customer Service Representative	Marketing Coordinator Social Media Specialist Graphic Designer (entry) Digital Marketing Assistant	Marketing Manager Brand Manager Market Research Analyst Public Relations Specialist	Chief Marketing Officer (CMO) Marketing Director Market Research Director Brand Strategist

Journalism Flight Path

4 Career Prep Courses		Related Courses and Activities	Advanced Course Options
*AP Literature *AP Language and Composition Psychology Media Arts		Aire Yearbook Speech Team	
High School Diploma	2 Year degree or less	Bachelor's Degree	Masters or PHD
Social Media Content Creator Blogger Production Assistant Freelance Writer (entry)	Multimedia Journalist Video Editor Photography Assistant Radio Producer	Journalist Editor Broadcast Reporter Digital Content Producer	News Director Investigative Reporter Media Professor Communications Director

BUSINESS, COMMUNICATIONS, AND ARTS FLIGHT PATHS

2D Arts Flight Path

4 Career Prep Courses		Related Courses and Activities	Advanced Course Options
Foundations of Art Drawing I Survey of 2D Art Intro to Marketing and Business		Media Arts	Drawing II Drawing III AP Studio Arts
High School Diploma	2 Year degree or less	Bachelor's Degree	Masters or PHD
Art Gallery Assistant Freelance Artist (entry) Art Supply Store Associate Studio Assistant	Graphic Designer (entry) Illustrator Art Teacher (K-12 assistant) Tattoo Artist	Graphic Designer Art Director Fine Artist Art Teacher	Museum Curator Art Professor Creative Director Art Therapist

3D Arts Flight Path

4 Career Prep Courses		Related Courses and Activities	Advanced Course Options
Foundations of Art Ceramics and Sculptures I Ceramics and Sculptures II Intro to Marketing and Business		Media Arts	AP Studio Arts
High School Diploma	2 Year degree or less	Bachelor's Degree	Masters or PHD
Pottery Studio Assistant Art Gallery Attendant Mold Maker (entry) Craft Artist (entry)	Ceramic Artist Mold Maker Sculptor (entry) Model Maker	Sculptor Industrial Designer 3D Artist (Digital) Exhibition Designer	Art Professor (Sculpture) Museum Curator (Sculpture) Public Art Director Art Conservator

Choral Flight Path

4 Career Prep Courses		Related Courses and Activities	Advanced Course Options
Choir 9 Concert Choir Ovation Intro to Marketing and Business		Bella Voce Musical Private Lessons	
High School Diploma	2 Year degree or less	Bachelor's Degree	Masters or PHD
Lead or Backup Singer Event Singer Karaoke Host Chorus Member	Private Voice Instructor Vocal Coach (entry) Recording Studio Assistant Music Minister	Music Teacher Opera Singer Choral Director Voice-Over Artist	University Voice Professor Opera Company Director Choral Conductor (Professional) Music Therapist

BUSINESS, COMMUNICATIONS, AND ARTS FLIGHT PATHS

Band Flight Path

4 Career Prep Courses		Related Courses and Activities	Advanced Course Options
Band 9 Symphonic Band Concert Band Intro to Marketing and Business		Musical Private Lessons	
High School Diploma	2 Year degree or less	Bachelor's Degree	Masters or PHD
Music Store Associate Band Assistant Event Musician Community Band Member	Private Music Instructor Music Production Assistant Music Retail Specialist Studio Musician (entry)	Music Teacher Professional Musician Band Director Music Producer	University Music Professor Orchestra Conductor Music Director Composer

Career Clusters

- **Agriculture, Food DNR:** Agribusiness Systems
- **Arts, AV Tech, and Communications:** Audio and Video Technology and Film; Printing Technology; Visual Arts; Performing Arts, Journaling and Broadcasting, Telecommunications
- **Business Management and Administration:** General Management; Business Information Management; Human Resources Management; Operations Management; Administrative Support
- **Education and Training:** Administration & Administrative
- **Finance:** Accounting; Securities and Investments; Business Finance; Banking Services; Insurance
- **Government and Public Administration:** Revenue and Taxation; Public Management and Administration
- **Hospitality and Tourism:** Lodging; Recreation, Amusements, and Attractions; Restaurants and Food and Beverage Services; Travel and Tourism
- **Information Technology:** Network Systems; Information Support Services; Web and Digital Communication; Programming and Software Development
- **Marketing:** Marketing Management; Professional Sales; Merchandising; Marketing Communications; Marketing Research



HUMAN SERVICES, GOVERNMENT, AND EDUCATION FLIGHT PATHS

Human Services & Education Flight Path

4 Career Prep Courses		Related Courses and Activities		Advanced Course Options	
Family Living Psychology Child Psychology I Child Psychology II		Spanish II or higher German II or higher Dakota II or higher Speech Team			
High School Diploma	2 Year degree or less	Bachelor's Degree		Masters or PHD	
Teacher Aide Childcare Worker Youth Program Assistant Home Health Aide	Preschool Teacher Social Service Assistant Substance Abuse Counselor (entry) Community Health Worker	Elementary School Teacher School Counselor Social Worker Child Life Specialist		Licensed Clinical Social Worker School Psychologist Licensed Professional Counselor Family Therapist	

Government Flight Path

4 Career Prep Courses		Related Courses and Activities		Advanced Course Options	
AP Economics Psychology American Government & Politics AP Language and Composition		World Religions Intro to Marketing and Business Student Council Speech Team Youth in Government		*AP Human Geography *Basic and Applied Statistics *AP US History	
High School Diploma	2 Year degree or less	Bachelor's Degree		Masters or PHD	
Government Clerk Administrative Assistant Court Clerk (entry) Legislative Aide (entry)	Paralegal Legal Secretary Policy Analyst (entry) Community Organizer	Political Scientist Urban Planner Public Relations Specialist (Government) Legislative Analyst		Policy Advisor Political Scientist (Research) City Manager Economist (Government)	

Hospitality Flight Path

4 Career Prep Courses		Related Courses and Activities		Advanced Course Options	
Intro to Marketing and Sales Intro to Culinary Arts Advanced Culinary Arts Nutrition		Family Living Psychology		International Culinary Arts Baking and Pastries	
High School Diploma	2 Year degree or less	Bachelor's Degree		Masters or PHD	
Restaurant Server Host/Hostess Food Prep Worker Dishwasher	Chef (entry) Baker Restaurant Supervisor Catering Coordinator	Restaurant Manager Food Service Manager Hotel Manager Event Planner		Executive Chef Hospitality Director Dietitian Food Scientist	

HUMAN SERVICES, GOVERNMENT, AND EDUCATION FLIGHT PATHS

Dakota Flight Path

4 Career Prep Courses		Related Courses and Activities		Advanced Course Options	
Native American Literature Dakota I Dakota II Dakota III		NASA (Native American Student Association) Psychology			
High School Diploma	2 Year degree or less	Bachelor's Degree		Masters or PHD	
Tribal Office Assistant Cultural Interpreter (entry) Community Outreach Worker Museum Guide	Translator/Interpreter Tribal Administrator Native American Liaison Cultural Resource Technician	Teacher (Native American Studies) Tribal Government Manager Museum Curator (Native American) Social Worker (Tribal)		Language Revitalization Specialist Anthropologist (Native American Studies) Tribal Attorney University Professor (Native American Studies)	

Spanish Flight Path

4 Career Prep Courses		Related Courses and Activities		Advanced Course Options	
AP Human Geography Spanish I Spanish II Spanish III		HSU (Hispanic Student Union) World History Psychology			
High School Diploma	2 Year degree or less	Bachelor's Degree		Masters or PHD	
Bilingual Customer Service Translator (entry) Retail Associate (bilingual) Bilingual Office Assistant	Medical Interpreter Court Interpreter (entry) Bilingual Teacher Aide Community Liaison	Spanish Teacher Translator (Professional) International Business Professional Immigration Specialist		Conference Interpreter University Spanish Professor International Relations Specialist Linguist	

German Flight Path

4 Career Prep Courses		Related Courses and Activities		Advanced Course Options	
AP Human Geography German I German II German III		Psychology		German IV German V	
High School Diploma	2 Year degree or less	Bachelor's Degree		Masters or PHD	
Bilingual Customer Service Hotel Desk Clerk (German-speaking) Retail Associate (bilingual) Tour Guide Assistant (German)	Travel Agent (German specialization) Import/Export Coordinator Bilingual Office Administrator Technical Support Specialist (German)	German Teacher Translator (Professional) International Business Professional Foreign Service Officer		Conference Interpreter University German Professor International Relations Specialist Intelligence Analyst (German)	

HUMAN SERVICES, GOVERNMENT, AND EDUCATION FLIGHT PATHS

Career Clusters

- **Education and Training:** Administration and Administrative Support; Professional Support Services; Teaching and Training
- **Government and Public Administration:** Governance; National Security; Foreign Service; Planning; Regulation
- **Hospitality and Tourism:** Restaurants and Food and Beverage Services
- **Human Services:** Consumer Services; Counseling and Mental Health; Early Childhood Development and Services; Family and Community Services; Personal Care Services
- **Law, Public Safety, Corrections, and Security:** Corrections Services; Emergency and Fire Management Services; Security and Protective Services; Law Enforcement Services; Legal Services
- **Transportation, Distribution and Logistics:** Transportation Systems/Infrastructure Planning, Management and Regulation



MANUFACTURING, ENGINEERING, AND TECHNOLOGY FLIGHT PATHS

AI Integrated Computing Education (AICE) Flight Path

4 Career Prep Courses		Related Courses and Activities		Advanced Course Options	
Exploring Data, Computing, and AI *Basic and Applied Statistics *AP Computer Science Principles *Honors Pre-Calc or College Algebra		Robotics		*AP Computer Science A Data Science Principles *AP Calculus *Intro to Statistics	
High School Diploma	2 Year degree or less		Bachelor's Degree		Masters or PHD
IT Support Specialist (entry) Computer User Support Specialist Data Entry Specialist Help Desk Technician	Web Developer (entry) Computer Network Support Specialist Computer Technician Database Administrator (entry)		Software Developer Cybersecurity Analyst Data Analyst Computer Systems Analyst		Machine Learning Engineer Robotics Engineer Data Scientist AI Research Scientist

Carpentry Flight Path

4 Career Prep Courses		Related Courses and Activities		Advanced Course Options	
Geometry Intro to Woods Machine Woods Cabinets		Construction Technology			
High School Diploma	2 Year degree or less		Bachelor's Degree		Masters or PHD
Carpenter Helper Construction Laborer Furniture Assembly Worker Cabinet Installer Helper	Carpenter Cabinet Maker Finish Carpenter Furniture Maker		Construction Manager Building Inspector Cost Estimator Architectural Drafter		Construction Engineering Manager Sustainable Building Consultant Construction Safety Manager Wood Science Researcher

Construction Flight Path

4 Career Prep Courses		Related Courses and Activities		Advanced Course Options	
Geometry Intro to Woods Construction Technology Machine Woodworking		Landscape Design Interior Design		AP Physics	
High School Diploma	2 Year degree or less		Bachelor's Degree		Masters or PHD
Construction Laborer Carpenter Helper Material Handler Demolition Worker	Surveyor Technician Construction Equipment Operator Electrician (apprentice) Plumber (apprentice)		Construction Manager Civil Engineer Architect Cost Estimator		Structural Engineer Project Manager (large projects) Urban Planner Construction Engineering Researcher

MANUFACTURING, ENGINEERING, AND TECHNOLOGY FLIGHT PATHS

Engineering Flight Path

4 Career Prep Courses		Related Courses and Activities		Advanced Course Options	
*College Algebra or Honors Pre-Calc Engineering Design and Robotics Engineering Design and Mechatronics *AP Physics		Engineering Drawings Intro to CAD/CAM Robotics		*AP Calculus *AP Computer Science Principles	
High School Diploma	2 Year degree or less	Bachelor's Degree		Masters or PHD	
Engineering Technician (entry) Manufacturing Technician Quality Control Inspector CAD Drafter (entry)	Engineering Technician Mechanical Drafter Electronics Technician Industrial Engineering Technician	Mechanical Engineer Civil Engineer Electrical Engineer Aerospace Engineer		Engineering Manager Research Engineer Robotics Engineer Nuclear Engineer	

Machining Flight Path

4 Career Prep Courses		Related Courses and Activities		Advanced Course Options	
Intro to Metals Geometry Engineering Drawings 1 Intro to CNC		Robotics Team		Intro to CAD/CAM and 3D Printing CNC Precision Machining 2 *AP Physics	
High School Diploma	2 Year degree or less	Bachelor's Degree		Masters or PHD	
Machine Operator Assembly Worker Quality Control Inspector Tool Crib Attendant	CNC Machinist Tool and Die Maker Machinist Manufacturing Technician	Manufacturing Engineer Quality Engineer Industrial Engineer Mechanical Engineer		Manufacturing Engineering Manager Advanced Manufacturing Engineer Production Manager (Large Scale) Materials Scientist	

Metalworking Flight Path

4 Career Prep Courses		Related Courses and Activities		Advanced Course Options	
Geometry Intro to Metals Hot Metal Tech Metal Fabrication		Metal Technology			
High School Diploma	2 Year degree or less	Bachelor's Degree		Masters or PHD	
Welder Helper Metal Fabricator (entry) Sheet Metal Worker (entry) Assembly Worker (Metals)	Welder Sheet Metal Worker Metal Fabricator Welding Inspector	Welding Engineer Metallurgical Engineer Manufacturing Engineer (Metals) Quality Engineer (Metals)		Materials Engineer Welding Engineering Manager Metallurgical Researcher Corrosion Engineer	

MANUFACTURING, ENGINEERING, AND TECHNOLOGY FLIGHT PATHS

Transportation Flight Path

4 Career Prep Courses		Related Courses and Activities	Advanced Course Options
Introduction to Small Gas Engines Intro to Metals Auto Service and Repair Computer Science Principles			Advanced Power
High School Diploma	2 Year degree or less	Bachelor's Degree	Masters or PHD
Tire and Oil Change Technician Car Wash Attendant Auto Parts Specialist Delivery Driver	Automotive Service Technician Diesel Mechanic Auto Body Repair Technician Small Engine Mechanic	Automotive Engineer Transportation Planner Pilot (Commercial) Automotive Designer	Aerospace Engineer Transportation Systems Engineer Automotive Engineering Manager Vehicle Safety Researcher

Career Clusters

- **Agriculture, Food DNR:** Power, Structural and Technical Systems
- **Architecture and Construction:** Design and Pre-Construction; Construction; Maintenance and Operations
- **Information Technology:** Programming and Software Development
- **Manufacturing:** Production; Manufacturing Production Process Development; Maintenance, Installation, and Repair; Quality Assurance; Logistics and Inventory Control; Health, Safety, and Environmental Assurance
- **STEM:** Engineering and Technology
- **Transportation, Distribution and Logistics:** Transportation Operations; Logistics Planning and Management Services; Warehousing and Distribution Center Operations; Facility and Mobile Equipment Maintenance; Transportation Systems/Infrastructure Planning, Management, and Regulation

