



TIGER VISION

WHERE PASSION MEETS POSSIBILITY

CAREER PATHWAYS ▶ *GUIDE*

FARMINGTON AREA PUBLIC SCHOOLS

WELCOME TIGERS!

At Farmington Area Public Schools, we believe every learner is curious, capable, and creative with immeasurable worth. Our Tiger Vision Career Guide is built around that belief. It is designed to help you explore who you are, what interests you, and how your learning connects to the world beyond graduation. We exist to support you as you grow and to prepare for a future full of opportunities.

Our District 192 Strategic Framework reminds us that every learner deserves respect, dignity, and the chance to personalize their path. It guides us to create learning experiences that are meaningful and connected to real life. Our Tiger Vision helps you explore your interests, discover your strengths, and connect classroom learning to possible careers that match your passions and goals.

We are committed to building a culture of trust, empathy, and agency. Through our guiding principles, we make sure your learning experience supports your wellbeing, celebrates your individuality, and gives you the confidence to take the lead in your own future.

Our Profiles of a Lifelong Learner describe the qualities we strive to ensure every student develops. You will learn to collaborate with others, think critically and creatively, communicate effectively, and show resilience when things get difficult. You will also learn to use your unique strengths to make a positive difference in your school, community, and world.

Our Tiger Vision Career Guide is here to help you connect your passions to purposeful opportunities. Through these experiences, you will gain real-world skills, explore careers that excite you, and prepare for life after high school.

Our mission is simple. We want each learner to achieve their goals, grow with purpose, and make a difference wherever life takes them. We believe in you, we value your voice, and we cannot wait to see where your journey leads.

In Community,



Ryan Meyer

**FARMINGTON HIGH
SCHOOL PRINCIPAL**

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In Farmington, our career pathways program—Tiger Vision—is designed to empower learners to explore their interests, discover their strengths, and connect classroom learning to real-world opportunities. Through a wide range of pathways, students gain valuable hands-on experiences, industry connections, and transferable skills that prepare them for success in their journey after graduation. Whether pursuing healthcare, business, the arts, technology, or skilled trades, Tiger Vision helps learners turn their passions into meaningful possibilities. This program reflects our commitment to ensuring every student is inspired, supported, and prepared for their future while building strong partnerships with families, staff, and the broader Farmington community.

CAREER EXPERIENCES AT FHS

Navigating the journey from the classroom to a fulfilling career requires more than just academic knowledge; it demands real-world experience, thoughtful guidance, and opportunities to apply learning. At Farmington High School, we are committed to providing a robust framework of career experiences designed to equip you with the skills, connections, and insight needed for success in your future endeavors.

The following courses offer a comprehensive look at the diverse opportunities available to actively explore career pathways, develop essential professional skills, and build a competitive portfolio. From structured coursework to immersive, hands-on experiences, these programs are key components of your career readiness. We encourage you to explore the details of each program below:

- **Exploring Careers, Grades 9-12 | 20501**
- **Career Seminar, Grades 11-12 | 21302 (in person) or 21313 (online)**
 - **OSHA 10 Certification**
- **Work-Based Learning, Grade 12 | 21303 (Tri1), 21304 (Tri2), 21305 (Tri3)**
- **Mentor Program, Grade 12 | 21309 (Tri1), 21310 (Tri2), 21311 (Tri3)**
- **Service Learning, Grades 11-12 | 21312**

To ensure a continuous and documented career development journey, the district utilizes Xello, the leading college and career readiness platform. Xello serves as a student's digital hub to document progress as you build self-knowledge, explore post-secondary options, create meaningful plans, and continually reassess your goals as you take in new knowledge, skills, and experiences.

Take advantage of these resources to transform your academic potential into career achievement.

PROFILE OF A LIFELONG LEARNER

All learners possess the capacity and resiliency to create opportunities and master challenges through:

OBJECTIVE 1

COLLABORATION:

- Respectfully working with others in meaningful and productive ways
- Flexible, open minded, confident and adaptable when working with and receiving feedback from others
- Ability to understand oneself and others in a way that will allow for growth

SELF-DIRECTION AND RESILIENCY:

- Accept feedback; both positive and constructive. Use of feedback to reflect and chart a new course of where you are going.
- Self-directed learner with effective time management skills
- Overcome adversity through persistence, perseverance, self-advocacy and a growth mindset
- See failure as an opportunity to grow
- Ownership of choices and the resulting outcomes

All learners continuously achieve their academic and personal goals through:

OBJECTIVE 2

AGENCY:

- Create advantageous goals
- Initiate action towards goals
- Utilize self-assessment and reflection as part of the learning process
- Understand the locus of control is inside them

FLEXIBILITY AND ADAPTABILITY:

- Accept feedback; both positive and constructive. Use of feedback to reflect and chart a new course of where you are going.
- Self-directed learner with effective time management skills
- Overcome adversity through persistence, perseverance, self-advocacy and a growth mindset
- See failure as an opportunity to grow
- Ownership of choices and the resulting outcomes

All learners lead beneficial change locally and globally through:

OBJECTIVE 3

AUTHENTIC APPLICATION:

- Apply their skills/passions/interests to serve others
- Awareness of the world around them
- Ability to respond empathetically
- Strong sense of self worth
- Understands their intrinsic motivations

COLLABORATION:

- Respectfully working with others in meaningful and productive ways
- Flexible, open minded, confident and adaptable when working with and receiving feedback from others
- Ability to understand oneself and others in a way that will allow for growth
- Ownership of choices and the resulting outcomes

CREATIVE AND CRITICAL THINKING:

- Develop and implement solutions to unique challenges
- Reflect on past learning experiences when faced with new situations and challenges
- Questions, reasons and weighs evidence to reach conclusions
- Demonstrate originality and inventiveness in work and understand the real world limits to adopting new ideas

EFFECTIVE COMMUNICATION

- Remains open to communicating with a variety of people, familiar and unfamiliar
- Articulate thoughts and ideas effectively using verbal, written, electronic, and visual skills in a variety of forms and contexts

SELF-DIRECTION AND RESILIENCY:

- Accept feedback; both positive and constructive. Use of feedback to reflect and chart a new course of where you are going.
- Self-directed learner with effective time management skills
- Overcome adversity through persistence, perseverance, self-advocacy and a growth mindset
- See failure as an opportunity to grow
- Ownership of choices and the resulting outcomes

EFFECTIVE COMMUNICATION

- Create time to engage in activities that spark interest
- Proactively manage energy
- Seek happiness and joy
- Prioritize healthy nutrition and appropriate rest

SERVICE:

- Embrace the civic responsibility as a member of their communities
- Recognize where things can be better and take action
- Ability to respond empathetically
- Awareness of the world around you
- Problem solving skills infused with optimism

EFFECTIVE COMMUNICATION

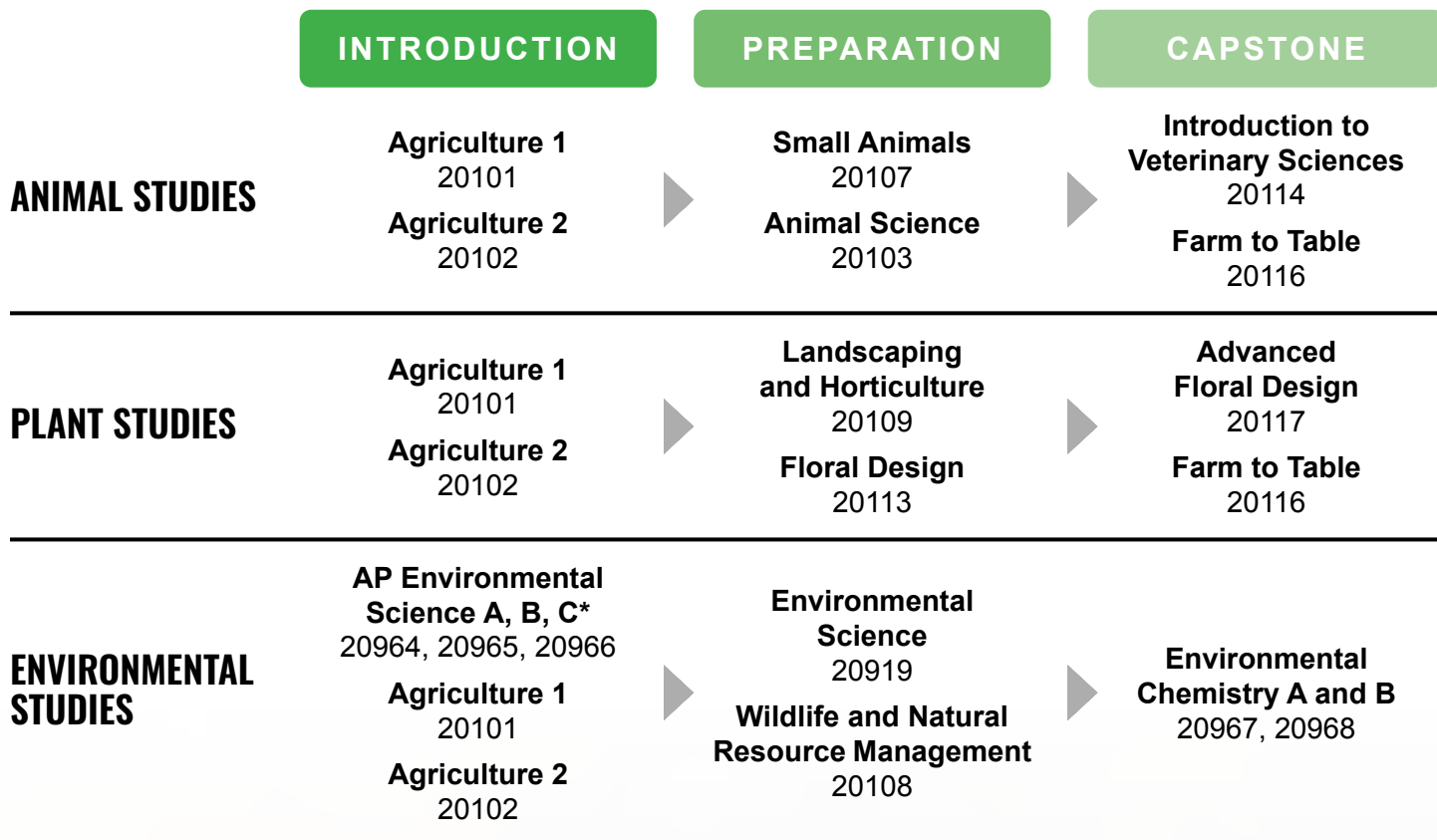
- Develop and implement solutions to unique challenges
- Reflect on past learning experiences when faced with new situations and challenges
- Questions, reasons and weighs evidence to reach conclusions
- Demonstrate originality and inventiveness in work and understand the real-world limits to adopting new ideas

TIGER VISION PATHWAYS

To read course descriptions for each of the courses in all pathways, scan the qr code or head to farmington.k12.mn.us/tiger-vision-pathways



ANIMAL, PLANT, AND ENVIRONMENTAL STUDIES



SUPPORTING COURSES

- Zoology | 20932
- Astronomy | 20939

*College Credit Available

RECOMMENDED ACTIVITIES

- The National FFA Organization
- Outdoors Club
- Astronomy Club
- Fishing Club
- Trap Team

CONSIDERING WORKFORCE OR TWO YEAR POST SECONDARY EDUCATION IN THIS PATHWAY?

- DIY: Do It Yourself | 20106
- Courses from other Sub Pathways

CONSIDERING FOUR YEAR POST SECONDARY EDUCATION IN THIS PATHWAY?

- Precalculus (SMSU)* | 20662, 20663, 20664
- Chemistry A and B | 20912, 20913



FUTURE VISION

*DEED Labor Market Data for Dakota County
and Seven County Metro - September 2025*

OCCUPATIONS

ANIMAL CARETAKERS

Median Salary: \$35,170
Employment (# of jobs): 2,620
Projected Growth: 15.0%
Education: High School Diploma or Equivalent

VETERINARY TECHNOLOGISTS AND TECHNICIANS

Median Salary: \$55,999
Employment (# of jobs): 2,850
Projected Growth: 21.5%
Education: Associate's Degree

VETERINARIANS

Median Salary: \$83,616
Employment (# of jobs): 1,250
Projected Growth: 22.8%
Education: Doctoral Degree

LANDSCAPING AND GROUNDSKEEPING WORKERS

Median Salary: \$45,832
Employment (# of jobs): 10,130
Projected Growth: 5.5%
Education: High School Diploma or Equivalent

ENVIRONMENTAL/SOIL AND WATER TECHNICIAN

Median Salary: \$66,599
Employment (# of jobs): 610
Projected Growth: 7.3%
Education: Associates Degree

ENVIRONMENTAL ENGINEER

Median Salary: \$110,385
Employment (# of jobs): 640
Projected Growth: 5.1%
Education: Bachelor's Degree

GEOSPATIAL INFORMATION SCIENTISTS (GIS)

Median Salary: \$77,560
Employment (# of jobs): 2,010
Projected Growth: 9.0%
Education: Bachelor's Degree

ARTS AND COMMUNICATION

INTRODUCTION

PREPARATION

CAPSTONE

DIGITAL MEDIA AND DESIGN

Special and
Visual Effects
21136



Movie Studio
Television Production
21123



Advanced Movie Making
for the Big Screen
21111

BROADCASTING AND MEDIA PRODUCTION

Video Production 1:
Digital Video Production
21109



Video Production 2:
Live TV Broadcasting
21110



Advanced Live
TV Broadcasting
21112

INSTRUMENTAL PERFORMING ARTS

Varsity Band
20701, 20702, 20703



Concert Band
20736, 20737, 20738



Student Conductor

VOCAL PERFORMING ARTS

Chanté
(Sopranos & Altos)
20713, 20714, 20715

Con Brio
(Tenors & Basses)
20716, 20717, 20718



Cantabile
(Audition only)
Concert Choir
(Audition only)



Student Conductor

DIGITAL MEDIA & DESIGN SUPPORTING COURSES

- Live Sports and Event Broadcasting | 21120
- Podcasting, Radio Broadcasting & Digital Audio Production | 21107
- Graphic Design I | 20208
- Graphic Design II | 20218
- Web Design | 20305
- Photography | 20211
- Architecture: Residential Drawing and Design | 21101
- AP Computer Science Principles* | 20647, 20648
- Introduction to Programming | 20940
- UMN Intro to Computing Systems* | 20947, 20948
- Engineering Design/Product Dev. | 10926, 20927
- 3D Printing and Design | 21102
- Advanced 3D Printing and Design | 21103

*College Credit Available

PERFORMING ARTS SUPPORTING COURSES

- Jazz Band (Zero Hour) | 20710, 20711, 20712
- Music Theory I | 20728
- Music Theory II | 20755
- Rock Band I | 20748
- Rock Band II | 20752
- Hamilton: History and Music | 21041
- Musical Theater | 20754
- Vocal Jazz I | 20753
- Vocal Jazz II | 20756

*College Credit Available

RECOMMENDED ACTIVITIES

- FHS Video, Audio, & Media Club
- Marching Band
- Pep Band
- Theater
- Vox & Vocé Co-Curricular Choirs
- Speech
- Debate
- Mock Trial



FUTURE VISION

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DIGITAL AND MEDIA DESIGN OCCUPATIONS

BROADCAST ANNOUNCER / RADIO DISK JOCKEY

Median Salary: \$43,885
Employment (# of jobs): 790
Projected Growth: -10.3%
Education: High School Diploma or Equivalent

TELECOMMUNICATIONS EQUIPMENT INSTALLERS AND REPAIRERS

Median Salary: \$67,903
Employment (# of jobs): 2,150
Projected Growth: 8.6%
Education: Post Secondary Certificate

WEB AND DIGITAL INTERFACE DESIGNERS

Median Salary: \$83,616
Employment (# of jobs): 1,050
Projected Growth: 14.8%
Education: Bachelor's Degree

NEWS ANALYST / REPORTER / JOURNALIST

Median Salary: \$45,832
Employment (# of jobs): 370
Projected Growth: -0.9%
Education: Bachelor's Degree

PERFORMING ARTS OCCUPATIONS

MUSICIANS AND SINGERS

Median Salary: Varied
Employment (# of jobs): 670
Projected Growth: 1.9%
Education: High School Diploma or Equivalent

MUSIC TEACHER, SECONDARY SCHOOL

Median Salary: \$64,858
Employment (# of jobs): 6,526
Projected Growth: 4.1%
Education: Bachelor's Degree

AUDIO AND VIDEO TECHNICIANS

Median Salary: \$48,920
Employment (# of jobs): 1,060
Projected Growth: 6.1%
Education: Post Secondary Certificate

PRODUCERS AND DIRECTORS

Median Salary: \$62,171
Employment (# of jobs): 1,560
Projected Growth: 7.0%
Education: Bachelor's Degree

BUSINESS AND MARKETING

INTRODUCTION

PREPARATION

CAPSTONE

BUSINESS

Business Explorations
20323



Accounting I - III
20301, 20302, 20303



**Entrepreneurship
(DCTC)***
20331

MARKETING

Business Explorations
20323



Marketing
20326



**Principles of
Marketing (DCTC)***
20330

BUSINESS SUPPORTING COURSES

- Computer Keyboarding | 20307
- Computer Applications | 20312
- Personal Finance I | 20313
- Personal Finance II | 20325
- Personal Law I | 20314
- Personal Law II | 20315
- Intro to Entrepreneurship
- Financial Algebra | 20646
- Probability and Statistics | 20616
- AP Statistics* | 20620, 20621, 20622
- Economics | 21021
- AP Microeconomics* | 21022, 21023

**College Credit Available*

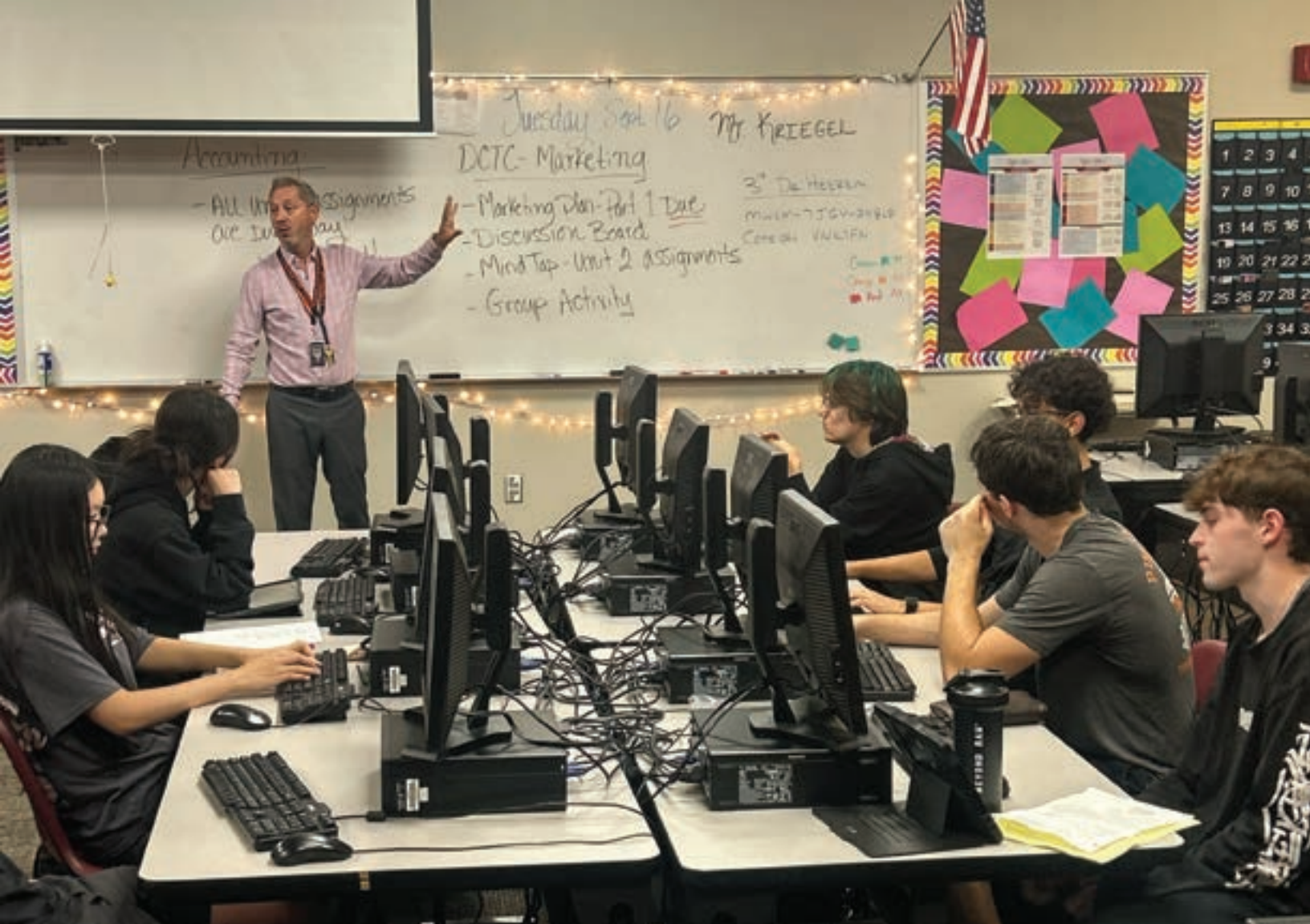
MARKETING SUPPORTING COURSES

- Sports and Entertainment Marketing | 20322
- Web Design | 20305
- Graphic Design I | 20208
- Graphic Design II | 20218
- Tiger Den Operations | 20316
- Skills For Success | 20320
- Probability and Statistics | 20616
- AP Statistics* | 20620, 20621, 20622
- Fashion Design and Merchandising | 20513
- Introduction to Psychology | 21030
- AP Psychology* | 21015, 21016, 21017

**College Credit Available*

RECOMMENDED ACTIVITIES

- Business Professionals of America (BPA)
- Debate Team
- Speech Team
- Mock Trial



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BUSINESS AND MARKETING OCCUPATIONS

RETAIL SALESPERSON

Median Salary: \$36,687
Employment (# of jobs): 42,580
Projected Growth: -0.6%
Education: High School Diploma or Equivalent

BUSINESS AND OPERATIONS MANAGER

Median Salary: \$97,140
Employment (# of jobs): 73,900
Projected Growth: 6.8%
Education: Bachelor's Degree

ACCOUNTANTS AND AUDITORS

Median Salary: \$84,150
Employment (# of jobs): 20,910
Projected Growth: 5.3%
Education: Bachelor's Degree

MARKET RESEARCH ANALYSTS

Median Salary: \$82,316
Employment (# of jobs): 24,650
Projected Growth: 14.4%
Education: Bachelor's Degree

FINANCIAL MANAGERS

Median Salary: \$165,752
Employment (# of jobs): 11,690
Projected Growth: 16.4%
Education: Graduate Degree

ENGINEERING, TECHNOLOGY, AND MANUFACTURING

INTRODUCTION

PREPARATION

CAPSTONE

CONSTRUCTION

Woodworking:
The Basics
21113
Woodworking:
Level II
21114

Woodworking:
Level III - IV
21115

Woodworking:
Level V
21115

ENGINEERING AND DESIGN

Exploring Engineering
20928, 20929
Engineering Design/
Product Development
10926, 20927

3D Printing and Design
21102
Advanced 3D Printing
and Design
21103
Introduction to
Programming
20940

Applied Engineering
20930, 20931
Introduction to
Computing Systems
(UMN)*
20947, 20948

INFORMATION TECHNOLOGY

Introduction to
Programming
20940

AP Computer
Science Principles*
20647, 20648
Be Your Own
Tech Support
21122

Introduction to
Computing Systems
(UMN)*
20947, 20948

MANUFACTURING AND AUTOMOTIVE

Engines I
20104
Basic Welding
21137

Engines II
20105

SUPPORTING COURSES FOR ALL SUB PATHWAYS

- Architecture, Res. Drawing, and Design | 21101
- Advanced 3D Printing and Design | 21103
- Web Design | 20305
- DIY: Do It Yourself | 20106
- Basic Welding | 21137

RECOMMENDED ACTIVITIES

- Robotics Team
- Girls Who Code
- Science Olympiad
- Complete OSHA 10 Certification

CONSIDERING WORKFORCE OR TWO YEAR POST SECONDARY EDUCATION?

- Physics by Inquiry (UMN)* | 20953, 20954
- Courses from other Sub Pathways

CONSIDERING FOUR YEAR POST SECONDARY EDUCATION?

- Chemistry A and B | 10912, 20913
- AP Chemistry | 20916, 20917, 20918
- AP Physics A, B, C* | 20955, 20956, 20963
- Precalculus (SMSU)* | 20662, 20663, 20664
- Calculus 1(UMN)* | 20623, 20624, 20625
- Calculus II(SMSU)* | 20674, 20675



FUTURE VISION

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ENGINEERING, TECHNOLOGY, AND MANUFACTURING OCCUPATIONS

CONSTRUCTION LABORERS

Median Salary: \$62,020
Employment (# of jobs): 13,400
Projected Growth: 8.6%
Education: High School Diploma or Equivalent

CONSTRUCTION MANAGERS

Median Salary: \$122,073
Employment (# of jobs): 3,959
Projected Growth: 7.5%
Education: Bachelor's Degree

CIVIL ENGINEERING TECHNICIANS

Median Salary: \$79,813
Employment (# of jobs): 860
Projected Growth: 4.3%
Education: Associate's Degree

ELECTRICAL ENGINEER

Median Salary: \$107,322
Employment (# of jobs): 2,420
Projected Growth: 5.5%
Education: Bachelor's Degree

COMPUTER USER SUPPORT SPECIALIST

Median Salary: \$66,045
Employment (# of jobs): 9,890
Projected Growth: 23.9%
Education: Post Secondary Certificate

SOFTWARE DEVELOPER

Median Salary: \$131,485
Employment (# of jobs): 29,140
Projected Growth: 5.6%
Education: Bachelor's Degree

MACHINISTS

Median Salary: \$61,474
Employment (# of jobs): 9,920
Projected Growth: 3.3%
Education: Associate's Degree

AUTOMOTIVE SERVICE TECHNICIANS AND MECHANICS

Median Salary: \$63,327
Employment (# of jobs): 7,000
Projected Growth: 7.0%
Education: Post Secondary Certificate

HEALTH AND HUMAN SERVICES

INTRODUCTION

PREPARATION

CAPSTONE

HEALTH SCIENCE

Introduction to
Medical Careers
21500



Introduction to Human
Anatomy and Physiology
20925
EMR-Emergency Medical
Responder (IHCC)*
21503
Medical
Terminology(DCTC)*
21501



Nursing Assistant (IHCC)*
21440
EMT-Emergency Medical
Technician (IHCC)*
21504, 21505

EDUCATION

Intro to Social Dynamics
20508



Child Development:
Womb to Walker
20505
Child Development:
Crawl to Catch
20506



Exploring Education:
Teacher's Toolkit A
and B (IHCC)*
20525, 20526
Exploring Early
Childhood Education
(DCTC)*
20523

HEALTH SCIENCE SUPPORTING COURSES

- Advanced Human Anatomy and Physiology | 20943
- First Aid/CPR | 20833
- Healthy Habits for Life | 20516
- Mind and Body Connection | 20822
- Introduction to Veterinary Science | 20114
- AP Bio* | 20909, 20910, 20911
- Chemistry A and B | 20912, 20913
- AP Chemistry* | 20916, 20917, 20918
- Zoology | 20932
- Introduction to Psychology | 21030
- AP Psychology* | 21015, 21016, 21017
- Probability and Statistics | 20616
- Intro to Statistics(SMSU)* | 20678, 20679, 20680
- Sociology | 21031

**College Credit Available*

HEALTH SCIENCE RECOMMENDED ACTIVITIES

- HOSA-Future Healthcare Professionals
- Complete OSHA 10 Certification
- Work or volunteer in a medical setting (nursing home, hospital, etc.)
- Science Olympiad

EDUCATION SUPPORTING COURSES

- Healthy Habits for Life | 20516
- Sociology | 21031
- Introduction to Psychology | 21030
- AP Psychology* | 21015, 21016, 21017
- Unified Physical Education | 20823
- Teacher Assistant
- Public Speaking | 20451
- Web Design | 20305, 20329
- Computer Applications | 20312, 20327
- Be Your Own Tech Support | 21122
- World Language (Spanish, ASL, French)

**College Credit Available*

EDUCATION RECOMMENDED ACTIVITIES

- Family, Career and Community Leaders of America (FCCLA)
- Work or volunteer in a child care setting
- Dakota County 4-H Youth Teaching Youth



FUTURE VISION

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HEALTH SCIENCE OCCUPATIONS

HOME HEALTH AND PERSONAL CARE AID

Median Salary: \$36,582
Employment (# of jobs): 80,190
Projected Growth: 11.5%
Education: High School Diploma or Equivalent

NURSING ASSISTANT

Median Salary: \$47,793
Employment (# of jobs): 12,200
Projected Growth: 2.7%
Education: High School Diploma or Equivalent

REGISTERED NURSE

Median Salary: \$103,882
Employment (# of jobs): 37,860
Projected Growth: 5.5%
Education: Associates or Bachelors Degree

NURSE PRACTITIONER

Median Salary: \$130,397
Employment (# of jobs): 5,500
Projected Growth: 39.8%
Education: Graduate Degree

EDUCATION OCCUPATIONS

TEACHING ASSISTANT

Median Salary: \$44,013
Employment (# of jobs): 19,540
Projected Growth: 4.5%
Education: High School Diploma or Equivalent

CHILDCARE WORKER

Median Salary: \$34,180
Employment (# of jobs): 10,910
Projected Growth: 2.6%
Education: High School Diploma or Equivalent

K-12 TEACHER

Median Salary: \$69,453
Employment (# of jobs): 44,120
Projected Growth: 5.1%
Education: Bachelors Degree

EDUCATION ADMINISTRATOR

Median Salary: \$129,633
Employment (# of jobs): 2,510
Projected Growth: 5.3%
Education: Masters Degree



► ADMINISTRATIVE TEAM

Ryan Meyer

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► COUNSELING TEAM

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Chelsy Newman

Counselor - Last Name alpha SK-Z

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