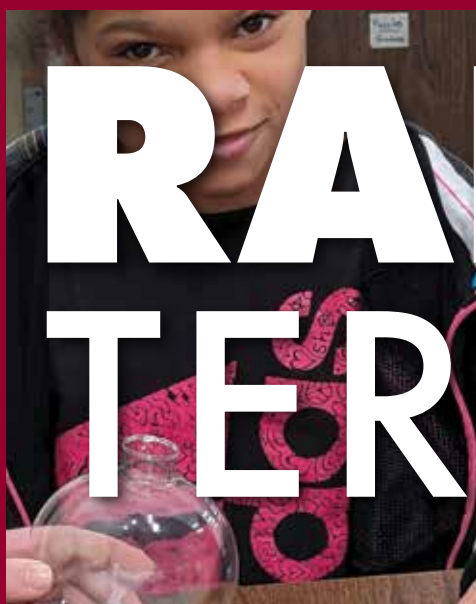




# CAREER PATHWAYS GUIDE

YOUR GUIDE  
FOR THRIVING IN  
HIGH SCHOOL  
AND BEYOND!



# RANGER TERRITORY

Forest Lake Area Schools

2024-25

## PATHWAY PLANNING AT FLAHS

## ARE YOU GOING TO BE....?

EMPLOYED

ENLISTED

WHAT IS A  
CAREER PATHWAY?  
SERIES OF COURSES AND  
OPPORTUNITIES TO PREPARE STUDENTS TO  
MEET THEIR CAREER GOALS.  
FIND **YOUR** PATHWAY  
ON PAGES 11-22.

## CAREER LAUNCH

EXPOSURE • READINESS • EXPERIENCE

## CAREER PATHWAYS OFFERED AT FLAHS: DEVELOPING YOUR SKILLS AND PRE

### CLASS OF 2028 GRADUATION REQUIREMENTS:

THESE COURSES GENERALLY NEED TO BE TAKEN IN THE ORDER LISTED BELOW.

LANGUAGE ARTS (4.0 CREDITS)	English 9, English 10, English 11, Speaking Course, English Elective
SCIENCE (3.0 CREDITS)	Earth & Space or AP Environmental, Physics A/B or Chemistry A/B, Biology A/B
MATH (3.0 CREDITS)	Algebra 9, Geometry, Algebra II
SOCIAL STUDIES (3.0 CREDITS)	Citizenship and Government, Geography, World History, U.S. History
PHY. ED./HEALTH (1.5)	Phy. Ed. 9, Phy Ed. 10, Health
FINE ARTS (1.0)	All art or music courses**
ECONOMICS (.5)	Economics (variety of choices)
PERSONAL FINANCE (.5)	Personal Finance
ELECTIVES (9.5)	Your choice of courses that support your interests and goals
<b>TOTAL REQUIRED CREDITS</b>	<b>26</b>

### AGRICULTURE, FOOD, AND NATURAL RESOURCES (p. 11-12)

- Animal Systems
- Agribusiness Systems
- Environmental Service Systems
- Food Products and Processing Systems
- Natural Resources Systems
- Plant Systems
- Power, Structural and Technical Systems

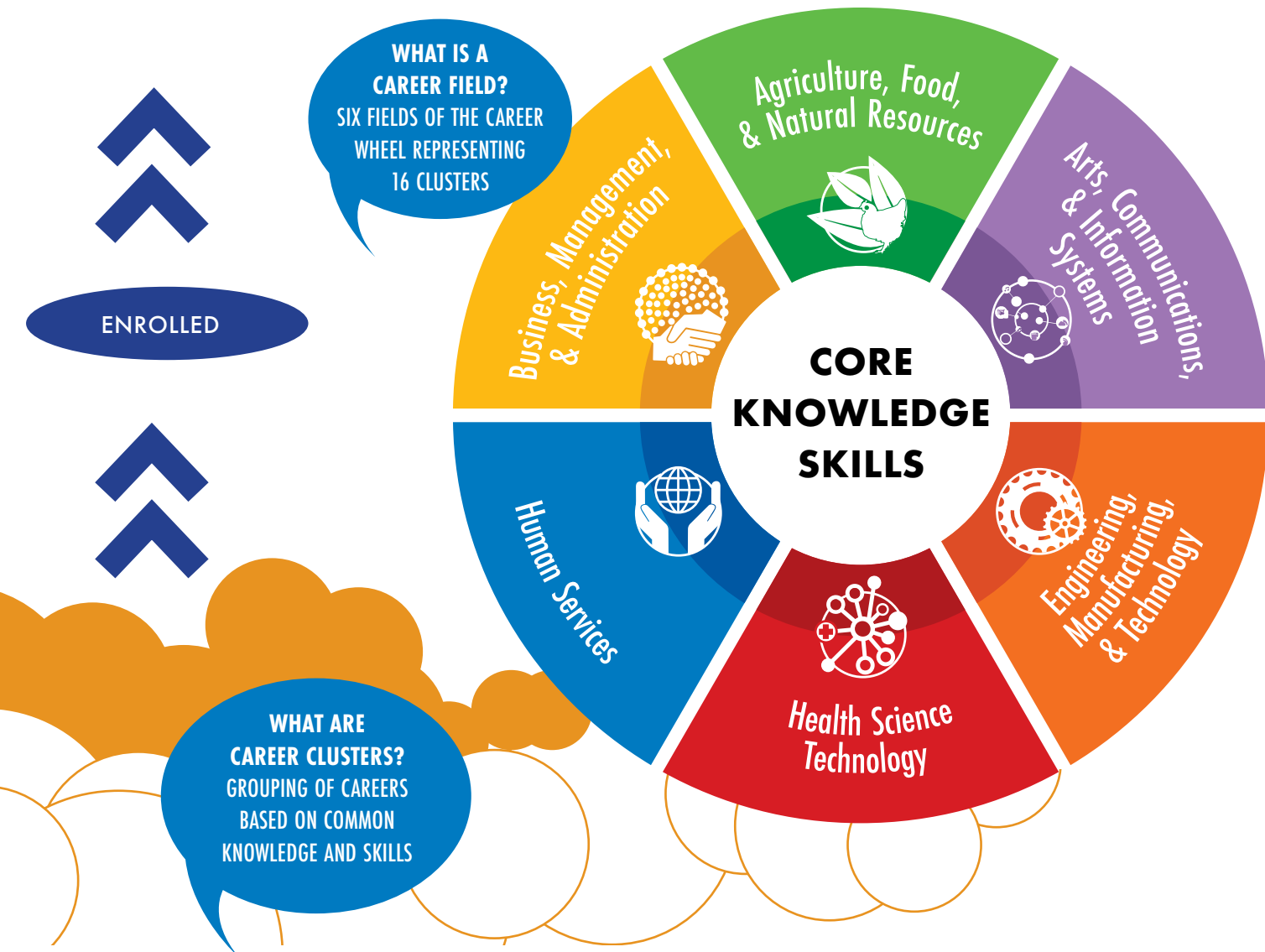
### ARTS, AUDIO/VIDEO TECHNOLOGY AND COMMUNICATION (p. 13)

- Audio/Video Technology and Film
- Journalism and Broadcasting
- Performing Arts
- Printing Technology
- Communication Technology
- Visual Arts

### INFORMATION TECHNOLOGY (p. 14)

- Information Support and Services
- Network Systems Programming and Software Development
- Web and Digital Communications

\*Class of 2025, 2026, 2027: See the registration web page..\*\*Does not include music theory.



## PARING FOR YOUR SUCCESS IN HIGH SCHOOL AND BEYOND

### ARCHITECTURE AND CONSTRUCTION (p. 15)

- Construction
- Design/Pre-construction
- Maintenance/Operations

### MANUFACTURING (p. 16)

- Production
- Manufacturing Production
- Process Development
- Maintenance, Installation and Repair
- Quality Assurance
- Logistics and Inventory Control
- Health, Safety and Environmental Assurance

### TRANSPORTATION AND LOGISTICS (AUTOMOTIVE) (p. 16)

- Equipment Maintenance
- Logistics Planning and Management
- Sales and Services
- Transportation Systems

### SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (p. 17)

- Engineering and Technology
- Science and Mathematics

### HEALTH SCIENCE (p. 18)

- Biotechnology Research and Development
- Diagnostic Services
- Health Informatics
- Therapeutic Services

### EDUCATION AND TRAINING (p. 19)

- Administration and Administrative Support
- Professional Support Services
- Teaching/Training

### HUMAN SERVICES (p. 19)

- Counseling and Mental Health
- Early Childhood Services
- Consumer Services
- Family and Community Services
- Personal Care Services

### LAW, PUBLIC SAFETY, AND CORRECTIONS (p. 20)

- Emergency and Fire Services
- Law Enforcement
- Legal Services
- Security

### GOVERNMENT AND PUBLIC ADMIN. (p. 20)

- Revenue and Taxation
- Foreign Service
- Governance
- Public Administration

### BUSINESS, MANAGEMENT AND ADMINISTRATION (p. 21)

- Administrative Support
- Operations Management
- Business Information Management
- Human Resources Management
- General Management

### HOSPITALITY AND TOURISM (p. 21)

- Lodging
- Recreation, Amusements, and Attractions
- Restaurants and Food/Beverage Services

### FINANCE (p. 22)

- Banking Services
- Business Finance
- Securities and Investment
- Accounting
- Insurance

### MARKETING (p. 22)

- Merchandising
- Marketing Management
- Marketing Communications
- Marketing Research
- Professional Sales



# EMPLOYABILITY SKILLS: DEVELOPING THE SKILLS EVERYONE NEEDS.

Skills critical for success in apprenticeship, college, military, or work and valuable to your well-being.

## ADAPTABILITY



### CAN YOU?

**Manage and adjust** to changing situations/responsibilities

**Collaborate and respond** to the strengths and needs of others in small and large group settings

## COMMUNICATION



### CAN YOU?

**Effectively use** verbal, oral, and visual communication

**Convincingly express** ideas and messages

## INDEPENDENCE

### CAN YOU?

**Meet expectations** with minimal supervision

**Set personal goals** and seek out resources to achieve them



## CRITICAL THINKING

### CAN YOU?

**Think analytically and creatively** when solving problems and accomplishing tasks

**Gather multiple perspectives** and make informed decisions



## PERSEVERANCE



### CAN YOU?

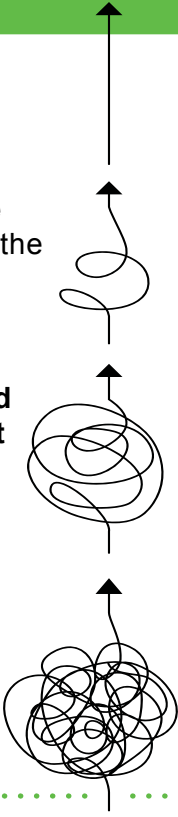
**Demonstrate endurance** and capacity to complete tasks

**Exhibit initiative, grit,** and self control

## PROBLEM SOLVING

**CAN YOU?**  
Determine **causes** of the problems

Identify, **prioritize**, **select**, and **implement** multiple solutions



## TEAM WORK

**CAN YOU?**  
Productively **work** with diverse teams

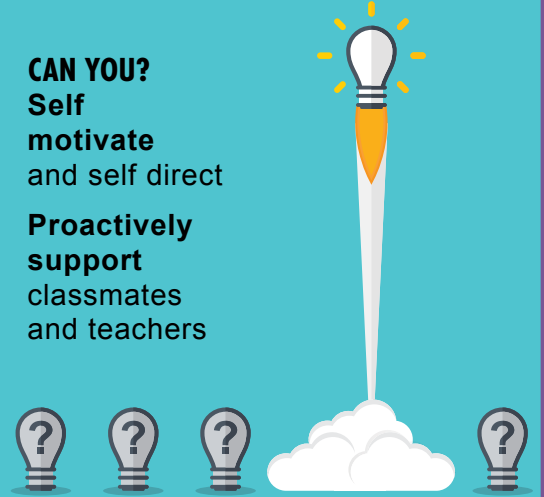
Demonstrate **empathy** and cultural sensitivity



## INITIATIVE

**CAN YOU?**  
Self **motivate** and self **direct**

Proactively **support** classmates and teachers



## TIME MANAGEMENT

**CAN YOU?**  
Plan and **organize** short and long-term goals

Manage and **adjust** to changing situations and responsibilities



## PROFESSIONALISM

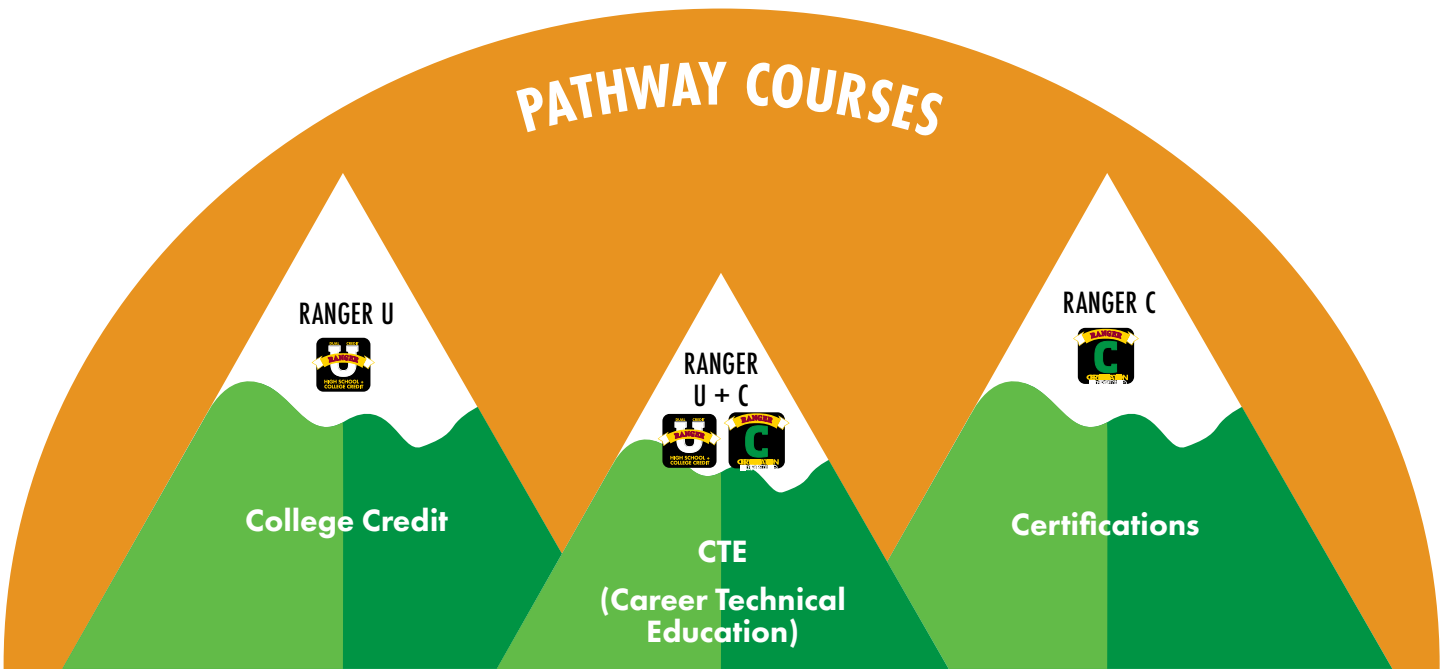
**CAN YOU?**  
Exemplify appropriate **skills** and **behaviors** at school and work

Be **socially aware** and **ethically responsible** when managing challenging school and work environments



# PATHWAY TO SUCCESS

Take pathway courses to climb all three mountains and improve your pathway to success.



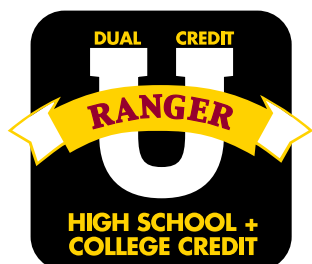
- Earn free college credit
  - Challenge yourself
  - Prove yourself to colleges
  - Over 40 courses at FLAHS
- Hands on experiences
  - Develop technical skills
  - Increase high school enjoyment
  - Over 80 courses at FLAHS
- Earn industry recognized credential
  - Enhance your resume
  - Increase your employability
  - Over 15 certifications at FLAHS

HOW TO FULFILL  
YOUR COLLEGE  
"GENERALS" IN HIGH  
SCHOOL:

(BASED ON THE MN TRANSFER CURRICULUM)

COLLEGE GENERAL EDUCATION REQUIREMENTS	RANGER U COURSE
Communication	AP Language and Composition, CIS University, CIS Public Speaking
Natural Sciences	AP Biology, AP Chemistry, and/or AP Physics
Mathematics	AP Precalc, AP Calc I, AP Calc II, AP Stats, or CIS Algebra
History/Social/Behavioral Sciences	AP Microeconomics, AP Human Geography, AP World History, AP U.S. History, AP Psychology
Humanities/Fine Arts	AP Music Theory, Ranger U World Language courses, and/or CIS Literature
Themed Goals 1. Human Diversity 2. Global Perspectives  3. Ethical/Civic Responsibility 4. People and the Environment	Potential Courses 1. AP U.S. History 2. Ranger U World Language, AP Human Geography, AP World History 3. CIS Public Speaking 4. AP Environmental Science

Earn college credit and credentials for free at Forest Lake Area High School



Look for the (U) by classes in your pathway.

## WHAT YOU NEED TO KNOW ABOUT EARNING COLLEGE CREDIT.

AP	CONCURRENT COURSES	PSEO
<ul style="list-style-type: none"> <li>• Most transferable</li> <li>• Strong teacher/staff support</li> <li>• Must take a test to earn credit</li> <li>• Class is valuable without the test</li> <li>• Search college name + AP credit to check transferability</li> </ul>	<ul style="list-style-type: none"> <li>• Transferability depends on program of study and college</li> <li>• Strong teacher/staff support</li> <li>• Credit earned if you earn C- or higher</li> <li>• Use <b>transferology.com</b> to check transferability</li> </ul>	<ul style="list-style-type: none"> <li>• Transferability depends on program of study and college</li> <li>• Teacher support varies greatly</li> <li>• Credit earned if you earn C- or higher</li> <li>• Use <b>transferology.com</b> to check transferability</li> </ul>

GIVE YOUR GPA  
A BOOST!

### WEIGHTED GRADE VALUES FOR RANGER UNIVERSITY CLASSES

GRADE	NON-WEIGHTED GRADE VALUE	WEIGHTED GRADE VALUE
A	4.0	5.0
A-	3.7	4.625
B+	3.3	4.125
B	3.0	3.75
B-	2.7	3.375
C+	2.3	2.875
C	2.0	2.5
C-	1.7	2.125
D+	1.3	1.625
D	1.0	1.25
D-	.7	.875

## ARE YOU A CAREER PATHWAY CONCENTRATOR?

SOMEONE WHO TAKES  
3 OR MORE COURSES IN  
A PATHWAY



Look for the (C) by classes in your pathway.

## WHAT YOU NEED TO KNOW ABOUT EARNING CERTIFICATIONS.

### AVAILABLE CERTIFICATIONS:

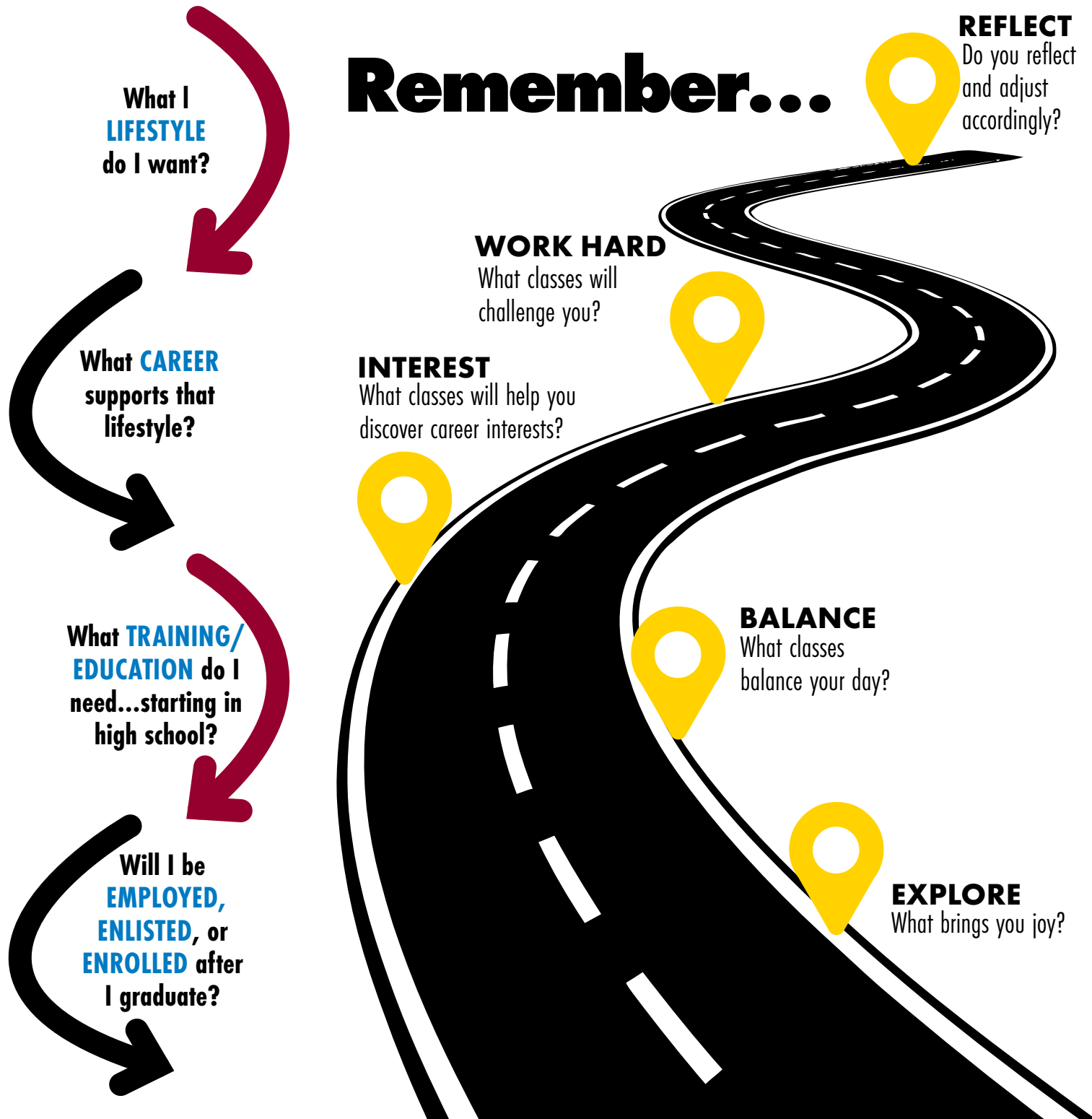
Agriculture: *Veterinary Assistant, Advanced Hunter*  
 Art: *Adobe Photoshop, Illustrator, InDesign*  
 Automotive: *Automotive Service Excellence (ASE)*  
 Business: *Microsoft Office Specialist, IC3, Business Essentials*  
 FACS: *ServSafe, ProStart*  
 Healthcare: *CNA, EMR, EMT*  
 Career Launch: *OSHA-10*  
 PhyEd: *Personal Trainer & Group Fitness Instructor Certificate*

### PROCESS:

- Students prepare for the test through course content.
- Students register to take the certification test through ParentVue.
- May receive college credit for "prior learning". Ask your college.

# BEGIN WITH THE END IN MIND. – STEPHEN COVEY

Use backwards design to plan for your future goals.



200 ELECTIVE CHOICES ACROSS ALL DEPARTMENTS



# FINDING YOUR PATH

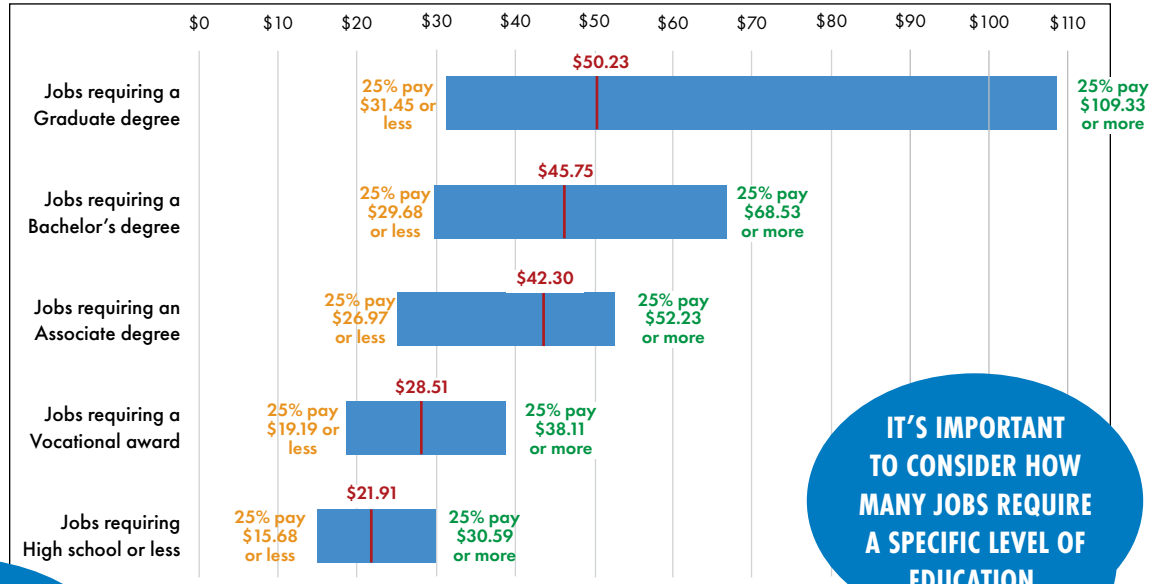
**"COST OF  
LIVING FOR A SINGLE  
PERSON IN WASHINGTON  
COUNTY = \$37,536"**

Source: mn.gov/deed/data/  
(2022)

Use the following three pages (8-10) to help make decisions about your career goals,  
your educational and/or training goals, and your personal or lifestyle goals.

## 2023 HOURLY WAGE RANGES FOR JOBS IN TWIN CITIES METRO BY TYPICAL EDUCATION REQUIREMENTS

Source: DEED Occupational  
Employment Statistics and  
Educational Requirements,  
2022

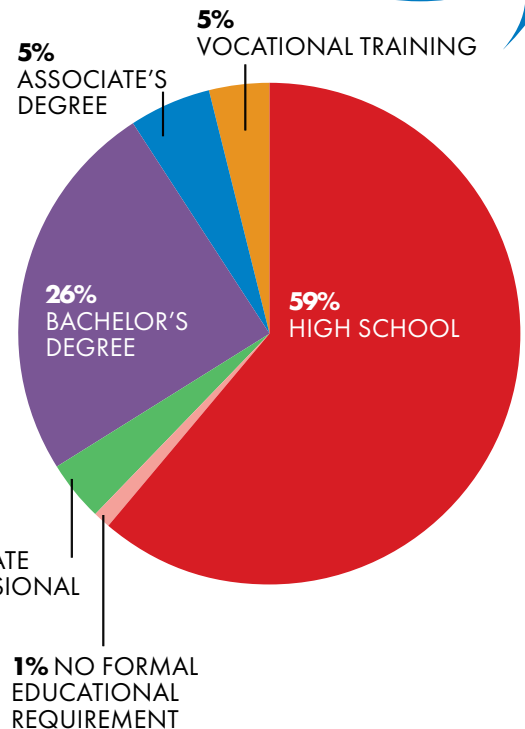


**DO YOUR  
EDUCATION AND  
CAREER GOALS/CHOICES  
PROVIDE YOU  
FINANCIAL  
STABILITY?**

**IT'S IMPORTANT  
TO CONSIDER HOW  
MANY JOBS REQUIRE  
A SPECIFIC LEVEL OF  
EDUCATION.**

## TWIN CITIES BREAKDOWN OF JOBS BY EDUCATIONAL REQUIREMENTS

Source: mn.gov/deed/data



FLAHS GRADUATES  
2018

Source: SLEDs

FLAHS GRADS  
WHO HAVE  
EARNED A  
CERTIFICATE  
OR DEGREE  
IN **4 YEARS**.

**85%**  
FLAHS GRADS WHO  
WANT TO OBTAIN A  
CERTIFICATE OR  
DEGREE.

**44%**

**74%**

FLAHS GRADS  
WHO ENROLLED  
IN COLLEGE.

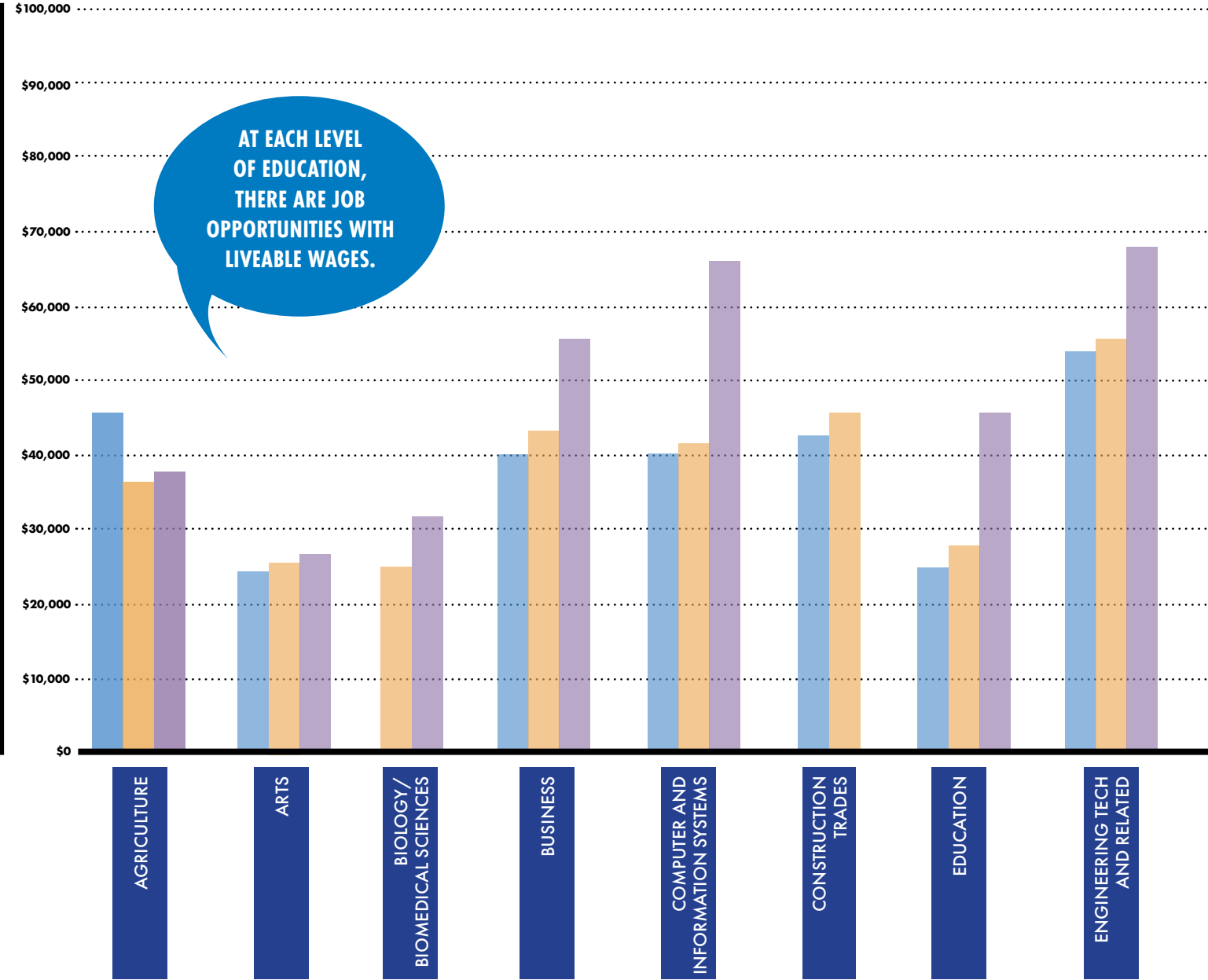
**YOUR RECIPE FOR SUCCESS:**

CHOOSE TO **DO SOMETHING YOU ENJOY.**

+

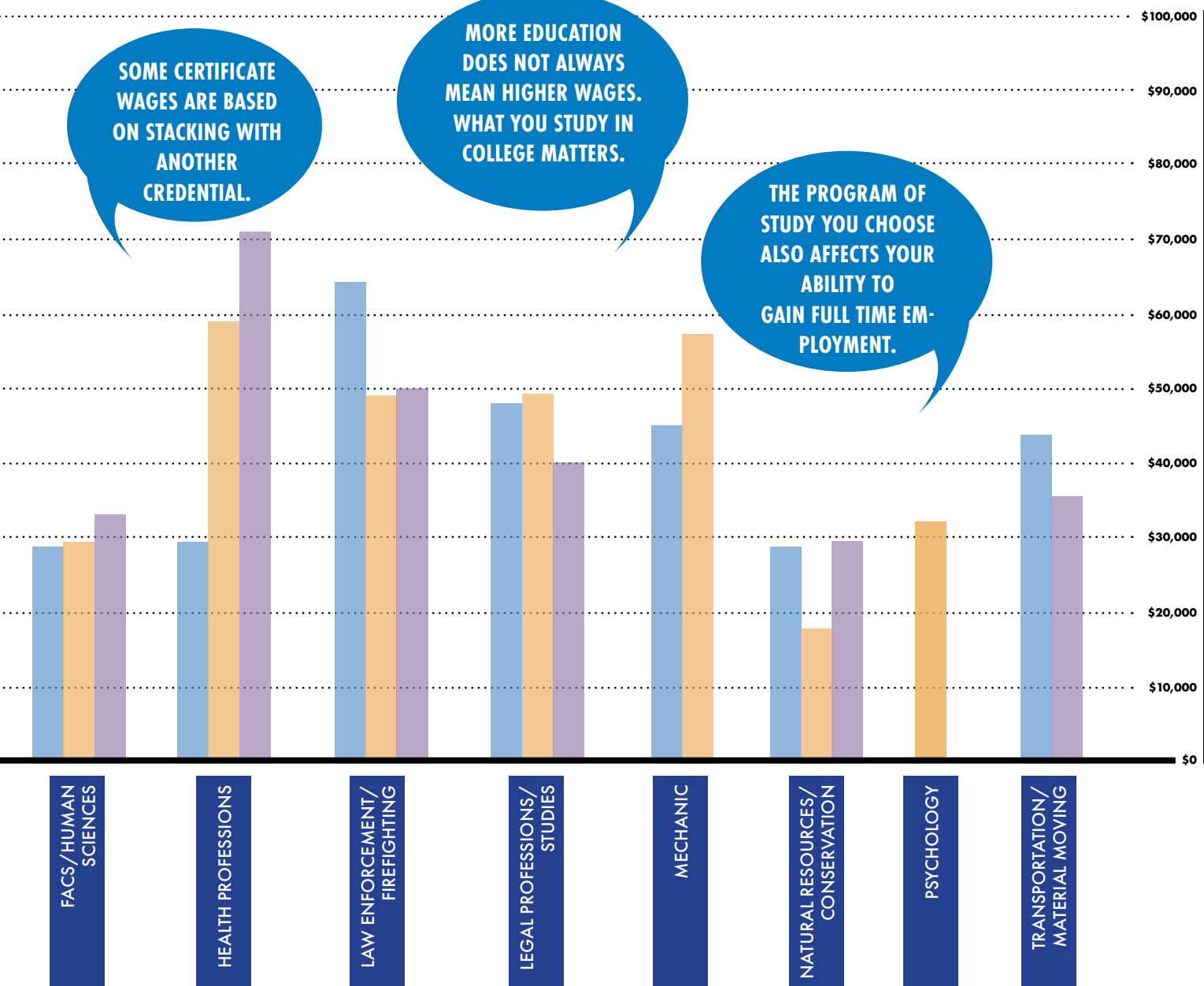
BE READY TO **BE A LIFELONG LEARNER.**

MEDIAN WAGE BY DEGREE AND PROGRAM OF STUDY FOR 2020 GRADUATES 2 YEARS AFTER GRADUATION



TWIN CITIES METRO AREA OCCUPATIONS IN HIGH DEMAND BY EDUCATION LEVEL

HIGH SCHOOL DIPLOMA/ APPRENTICESHIP		VOCATIONAL TRAINING OR ASSOCIATE'S DEGREE	
Plumber, Pipefitter, and Steamfitter	\$85,865	Registered Nurse	\$91,157
Loan Officer	\$82,306	Police Officer	\$87,344
Wholesale Sales Representative	\$79,953	Electrician	\$82,047
Supervisor of Transportation Worker	\$69,263	Radiologic Technologist	\$81,372
Carpenter	\$64,122	Mechanical Engineering Tech	\$69,851
Heavy & Tractor-Trailer Truck Driver	\$61,872	Physical Therapy Assistant	\$65,385
Welder	\$54,215	Laboratory Tech	\$64,938
Maintenance & Repair Worker	\$51,939	Dental Assistant	\$64,757
Bookkeeper	\$51,579	Paralegal	\$63,843
School Bus Driver	\$48,550	Machinist	\$59,228
Customer Service Representative	\$47,638	Medical Assistant	\$51,083



BACHELOR'S DEGREE OR HIGHER	
Financial Manager	\$141,401
Natural Sciences Manager	\$139,769
Software Developer	\$117,626
Information Security Analyst	\$117,499
Actuary	\$110,433
Medical Manager	\$108,629
Construction Manager	\$102,299
Civil Engineer	\$99,811
School Psychologist	\$90,152
Market Research Analyst	\$81,617
Human Resources Specialist	\$75,670



UNDERSTAND WHAT OCCUPATIONS ARE IN HIGH OR GROWING DEMAND.

# AGRICULTURE, FOOD AND NATURAL RESOURCES

- Animal Systems
- Agribusiness Systems
- Environmental Service Systems
- Food Products and Processing Systems
- Natural Resources Systems
- Plant Systems
- Power, Structural and Technical Systems



## ANIMAL SCIENCE AND PLANT SCIENCE PATHWAYS

(U) Ranger University class  
(C) Certification

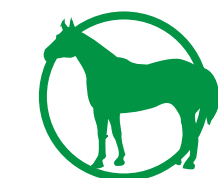
ANIMAL + PLANT  
SCIENCES

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<b>ANIMAL SCIENCES</b> <b>0300 – Animal Science (9-12) (C)</b> <b>0306 – Companion Animal Science (9-12) (C)</b> <b>0305 – Animal Health and Veterinary Science (11-12) (C)</b> <b>0303 – CIS Animal Science (11-12) (U)</b> <b>0400 – Horse &amp; Horsemanship (9-12)</b> <b>0205 – Fish &amp; Wildlife Mgmt. (9-12) (C)</b> <b>6611 – Human Anatomy and Physiology</b> <b>6715 – Organic Chemistry (11-12)</b>	<b>FFA</b>  <b>Complete Veterinary Technician Certification (Animal Science Only)</b>  <b>Environmental Club</b>  <b>Complete OSHA 10 Certification</b>  <b>Attend field trips/tours</b>  <b>Develop leadership skills through clubs, sports, work, service, etc.</b>
<b>0810 – Biotech in Agri-Science (11-12)</b> <b>0650 – Agricultural Economics (11-12)</b> <b>0001/0004 – Youth Leadership A/B (9-12)</b> <b>0800 – Agriculture Today (11-12)</b> <b>2415/2416 – AP Seminar A/B (10-12) (U)</b> <b>2413/2414 – Career Launch A/B (11-12) (C)</b>	
<b>PLANT SCIENCES</b> <b>0504 – Greenhouse Technology (9-12) (U)</b> <b>0505 – Floral Design (9-12)</b> <b>0201 – Natural Resource Science (9-12)</b> <b>0502 – Landscape Design and Construction (9-12) (U)</b> <b>0501 – Plant Science - Concepts (10-12) (U)</b> <b>0200 – Alternative Energy (11-12)</b> <b>2050 – Business Computer Applications (10-12) (U) (C)</b>	

THESE COURSES ARE RECOMMENDED FOR BOTH ANIMAL + PLANT SCIENCE PATHWAYS.

Course requirements may vary. Check course catalog.

## OCCUPATIONS (Twin Cities Metro Area Data from DEED)



ANIMAL SCIENCES



PLANT SCIENCES

ANIMAL  
CARETAKER  
MEDIAN SALARY

**\$35,784**  
PROJECTED  
**GROWTH:**  
24.3%

EDUCATION  
HIGH SCHOOL  
DIPLOMA

FOOD  
BATCHMAKERS  
MEDIAN SALARY

**\$35,937**  
PROJECTED  
**GROWTH:**  
6.4%

EDUCATION  
HIGH SCHOOL  
DIPLOMA

VET TECH  
MEDIAN SALARY

**\$47,307**  
PROJECTED  
**GROWTH:**  
11.1%

EDUCATION  
ASSOCIATE'S  
DEGREE

FOOD  
SCIENTIST  
MEDIAN SALARY

**\$110,520**  
PROJECTED  
**GROWTH:**  
2.5%

EDUCATION  
BACHELOR'S  
DEGREE

VETERINARIAN  
MEDIAN SALARY

**\$106,899**  
PROJECTED  
**GROWTH:**  
13.3%

EDUCATION  
GRADUATE  
DEGREE

<https://mn.gov/deed/data/data-tools/career-pathways-tool/>  
For more agriculture career related information, visit <https://www.agexplorer.com/>

# AGRICULTURE, FOOD AND NATURAL RESOURCES

- Animal Systems
- Agribusiness Systems
- Environmental Service Systems
- Food Products and Processing Systems
- Natural Resources Systems
- Plant Systems
- Power, Structural and Technical Systems

## NATURAL RESOURCES PATHWAY

(U) Ranger University class  
(C) Certification

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<b>0201 – Natural Resource Science (9-12)</b> <b>6605 – Environmental Science (11-12)</b> <b>0205 – Fish and Wildlife Mgmt (9-12)</b> <b>0501 – Plant Science - Concepts (10-12) (U)</b> <b>6805 – Meteorology (10-12)</b> <b>0200 – Alternative Energy (11-12)</b> <b>0810 – Biotech in Agri-Science (11-12)</b> <b>0650 – Agricultural Economics (11-12)</b> <b>0001/0004 – Youth Leadership A/B (9-12)</b> <b>0800 – Agriculture Today (11-12)</b> <b>2415/2416 – AP Seminar A/B (10-12) (U)</b> <b>2413/2414 – Career Launch A/B (11-12) (C)</b> <b>6621/6622/6623 – AP Environmental Science A/B/C (9-12) (U)</b>	<b>FFA</b>  <b>Environmental Club</b>  <b>Complete OSHA 10 Certification</b>  <b>Attend field trips/tours</b>  <b>Develop leadership skills through clubs, sports, work, service, etc.</b>

Course requirements may vary. Check course catalog.

## OCCUPATIONS

(Twin Cities Metro Area Data from DEED)



**NATURAL  
RESOURCES**

**LANDSCAPER  
GROUNDS WORK**  
MEDIAN SALARY

**\$40,468**  
PROJECTED  
**GROWTH:**  
7.1%

**EDUCATION**  
**HIGH SCHOOL  
DIPLOMA**

**TREE  
TRIMMER**  
MEDIAN SALARY

**\$49,286**  
PROJECTED  
**GROWTH:**  
7.8%

**EDUCATION**  
**HIGH SCHOOL  
DIPLOMA**

**ENVIRONMENTAL  
SCIENCE TECH**  
MEDIAN SALARY

**\$55,447**  
PROJECTED  
**GROWTH:**  
6.1%

**EDUCATION**  
**ASSOCIATE'S  
DEGREE**

**ENVIRONMENTAL  
ENGINEER**  
MEDIAN SALARY

**\$99,811**  
PROJECTED  
**GROWTH:**  
.4%

**EDUCATION**  
**BACHELOR'S  
DEGREE**

**NATURAL  
SCIENCES  
MANAGER**  
MEDIAN SALARY

**\$139,769**  
PROJECTED  
**GROWTH:**  
6.6%

**EDUCATION**  
**BACHELOR'S  
DEGREE**



<https://mn.gov/deed/data/data-tools/career-pathways-tool/>  
For more agriculture career related information, visit <https://www.agexplorer.com/>



# ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATIONS

- Audio/Video Technology and Film
- Journalism and Broadcasting
- Performing Arts
- Printing Technology
- Communication Technology
- Visual Arts



## ARTS, AUDIO/VIDEO TECHNOLOGY & COMMUNICATIONS PATHWAY

(U) Ranger University class  
(C) Certification

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<b>Music Electives</b> <b>World Language Electives</b> <b>English Electives</b> <b>4407 – Introduction to Media (9-12)</b> <b>4409 – Mass Communications (Digital Media Production) (9-12)</b> <b>4405 – Technical Theatre (9-12)</b> <b>4406 – Theater Directing &amp; Performance (9-12)</b> <b>1002 – Studio Art I (9-12)</b> <b>1006 – Studio Art II (9-12)</b> <b>1610 – Graphic Design I (9-12) (C)</b> <b>1620 – Graphic Design II (10-12) (C)</b> <b>1110 – Drawing and Painting I (9-12)</b> <b>1120 – Drawing and Painting II (10-12)</b> <b>1310 – Drawing and Printmaking I (9-12)</b> <b>1320 – Drawing and Printmaking II (10-12)</b> <b>1410 – Related Arts (Mixed-media and Jewelry) (10-12)</b> <b>1200 – Photography I (9-12)</b> <b>4701 / 4702 – Yearbook A/B (11-12)</b> <b>2505 – Fashion Marketing and Design (10-12)</b> <b>2700 – Interior Space and Design (10-12)</b> <b>2415 / 2416 – AP Seminar A/B (10-12) (U)</b> <b>2413 / 2414 – Career Launch A/B (11-12)</b>	<b>Digital Media Productions</b> <b>Adobe Certification</b> <b>School play</b> <b>Speech</b> <b>DECA</b> <b>FFA</b> <b>Develop leadership skills through clubs, sports, work, service, etc.</b>

Course requirements may vary. Check course catalog.



## OCCUPATIONS (Twin Cities Metro Area Data from DEED)



<b>TELE-COMMUNICATIONS INSTALLER</b> <small>MEDIAN SALARY</small> <b>\$62,575</b> <b>PROJECTED GROWTH:</b> 5.5% <b>EDUCATION</b> <b>HIGH SCHOOL DIPLOMA</b>	<b>INTERIOR DESIGNER</b> <small>MEDIAN SALARY</small> <b>\$63,334</b> <b>PROJECTED GROWTH:</b> 2.3% <b>EDUCATION</b> <b>CERTIFICATE/ DIPLOMA</b>	<b>FASHION DESIGNER</b> <small>MEDIAN SALARY</small> <b>\$39,118</b> <b>PROJECTED GROWTH:</b> 7.7% <b>EDUCATION</b> <b>BACHELOR'S DEGREE</b>	<b>WRITER/ AUTHOR</b> <small>MEDIAN SALARY</small> <b>\$70,084</b> <b>PROJECTED GROWTH:</b> 4.0% <b>EDUCATION</b> <b>BACHELOR'S DEGREE</b>	<b>PRODUCER/ DIRECTOR</b> <small>MEDIAN SALARY</small> <b>\$75,962</b> <b>PROJECTED GROWTH:</b> 14.3% <b>EDUCATION</b> <b>BACHELOR'S DEGREE</b>
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<https://mn.gov/deed/data/data-tools/career-pathways-tool/>

# INFORMATION TECHNOLOGY

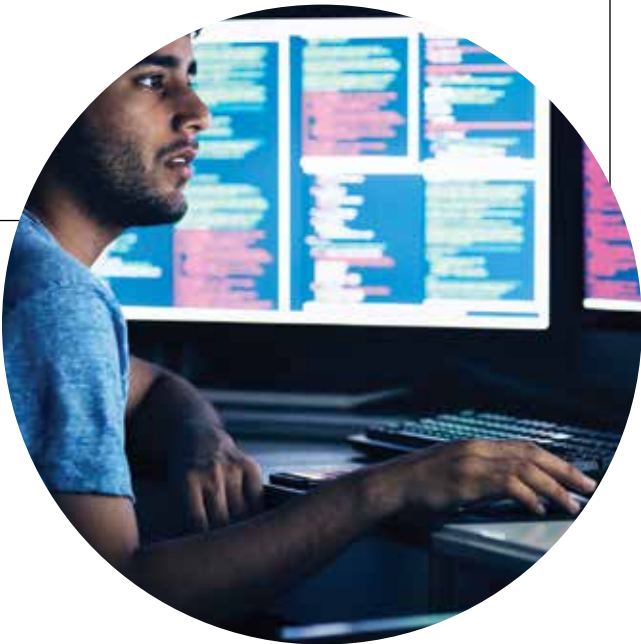
- Information Support and Services
- Network Systems
- Programming and Software Development
- Web and Digital Communications

## INFORMATION TECHNOLOGY PATHWAY

(U) Ranger University class  
(C) Certification

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<p>2022 – Web Design &amp; Social Media Marketing (9-12)</p> <p>2040 – Business Information Systems (10-12) (U) (C)</p> <p>2050 – Business Computer Applications (10-12) (U) (C)</p> <p>5430/5431 – IT Explorations A/B (9-12) (C)</p> <p>5436 – Intro to C++ (9-12)</p> <p>5440/5441 – AP Computer Science Principles A/B (9-12) (U)</p> <p>5445/5446 – AP Computer Science A/B (11-12) (U)</p> <p>5252/5253/5254 – AP Pre-Calculus A/B/C (10-12) (U)</p> <p>5255/5256 – AP Calculus I – A/B (11-12) (U)</p> <p>3600 – Robotics and Automation (9-12)</p> <p>1610 – Graphic Design I (C)</p> <p>1620 – Graphic Design II (10-12) (C)</p> <p>2415/2416 – AP Seminar A/B (10-12) (U)</p> <p>2413/2414 – Career Launch A/B (11-12) (C)</p>	<p>Complete IC3 Certification</p> <p>Complete Microsoft Office Specialist Certification (MOS)</p> <p>Develop leadership skills through clubs, sports, work, service, etc.</p>

Course requirements may vary. Check course catalog.



## OCCUPATIONS (Twin Cities Metro Area Data from DEED)

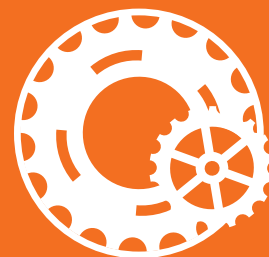


<p>COMPUTER USER SUPPORT SPECIALIST MEDIAN SALARY</p> <p><b>\$64,464</b></p> <p>PROJECTED GROWTH: 5.4%</p> <p>EDUCATION ASSOCIATE'S DEGREE</p>	<p>COMPUTER NETWORK SUPPORT SPECIALIST MEDIAN SALARY</p> <p><b>\$76,198</b></p> <p>PROJECTED GROWTH: 5.0%</p> <p>EDUCATION CERTIFICATE/ DIPLOMA</p>	<p>COMPUTER SYSTEMS ANALYST MEDIAN SALARY</p> <p><b>\$110,822</b></p> <p>PROJECTED GROWTH: 5.7%</p> <p>EDUCATION BACHELOR'S DEGREE</p>	<p>INFORMATION SECURITY ANALYST MEDIAN SALARY</p> <p><b>\$117,499</b></p> <p>PROJECTED GROWTH: 29.9%</p> <p>EDUCATION BACHELOR'S DEGREE</p>	<p>COMPUTER NETWORK ARCHITECT MEDIAN SALARY</p> <p><b>\$136,289</b></p> <p>PROJECTED GROWTH: 3.7%</p> <p>EDUCATION BACHELOR'S DEGREE</p>
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<https://mn.gov/deed/data/data-tools/career-pathways-tool/>

# ARCHITECTURE/CONSTRUCTION

- Construction
- Design/Pre-construction
- Maintenance/Operations



## ARCHITECTURE AND CONSTRUCTION PATHWAYS

(U) Ranger University class  
(C) Certification

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<b>3700 – Introduction to Computer Aided Drafting (9-12)</b> <b>3995 – Woodworking and Metals (9)</b> <b>3000 – Cabinetmaking I (10-12)</b> <b>3010 – Cabinetmaking II (10-12)</b> <b>3020 – Cabinetmaking III (10-12)</b> <b>3998 – 9th Grade Carpentry (9)</b> <b>3015 – Carpentry I (10-12)</b> <b>3025/3026 – Carpentry II A/B (11-12)</b> <b>3710 – Architecture I (10-12)</b> <b>3720 – Architecture II (10-12)</b> <b>3730 – Architecture III (10-12)</b> <b>3151 – Metals I (10-12)</b> <b>3152 – Metals II (10-12)</b> <b>3153 – Metals III (11-12)</b> <b>3300 – Electricity/Electronics I (9-12)</b> <b>3310 – Electricity/Electronics II (10-12)</b> <b>1110 – Drawing &amp; Painting (9-12) and</b> <b>1120 – Advanced Drawing &amp; Painting (10-12)</b> <b>1310 – Drawing &amp; Printmaking (9-12) and</b> <b>1320 – Advanced Drawing &amp; Printmaking (10-12)</b> <b>2415/2416 – AP Seminar A/B (10-12) (U)</b> <b>2413/2414 – Career Launch A/B (11-12) (C)</b>	<b>Complete OSHA 10 Certification</b>  <b>Attend field trip/tours</b>  <b>Develop leadership skills through clubs, sports, work, service, etc.</b>

Course requirements may vary. Check course catalog.



## OCCUPATIONS

(Twin Cities Metro Area Data from DEED)



**CONSTRUCTION  
LABORER**  
MEDIAN SALARY

**\$55,636**  
PROJECTED  
**GROWTH:**  
7.1%

**EDUCATION  
HIGH SCHOOL  
DIPLOMA**

**ROOFER**  
MEDIAN SALARY

**\$63,178**  
PROJECTED  
**GROWTH:**  
5.5%

**EDUCATION  
HIGH SCHOOL  
DIPLOMA**

**ELECTRICIAN**  
MEDIAN SALARY

**\$82,047**  
PROJECTED  
**GROWTH:**  
8.3%

**EDUCATION  
CERTIFICATE/  
DIPLOMA**

**HVAC**  
MEDIAN SALARY

**\$82,725**  
PROJECTED  
**GROWTH:**  
2.4%

**EDUCATION  
CERTIFICATE/  
DIPLOMA**

**ARCHITECT**  
MEDIAN SALARY

**\$90,419**  
PROJECTED  
**GROWTH:**  
17.1%

**EDUCATION  
BACHELOR'S  
DEGREE**

<https://mn.gov/deed/data/data-tools/career-pathways-tool/>

# MANUFACTURING/AUTOMOTIVE

- Production
  - Manufacturing Production
  - Process Development
  - Maintenance, Installation, and Repair
- Logistics and Inventory Control
  - Quality Assurance
  - Health, Safety and Environmental Assurance

## MANUFACTURING AND AUTOMOTIVE PATHWAYS

(U) Ranger University class  
(C) Certification

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<p><b>MANUFACTURING</b></p> <p>3700 – Introduction to Computer Aided Drafting (9-12)</p> <p>3995 – Woodworking and Metals (9)</p> <p>3151 – Metals I (10-12)</p> <p>3152 – Metals II (10-12)</p> <p>3153 – Metals III (11-12)</p> <p>3600 – Robotics and Automation (9-12)</p> <p>3997 – 9th Grade Engineering (9)</p> <p>3800 – Engineering &amp; Drafting I (10-12) (U)</p> <p>3810 – Engineering &amp; Drafting II (10-12)</p> <p>3820 – Engineering Design (11-12)</p>	<p>Complete OSHA 10 Certification</p> <p>Complete Automotive Service Excellence Certificate (ASE)</p> <p>Attend field trip/tours</p> <p>Develop leadership skills through clubs, sports, work, service, etc.</p>
<p>5440/5441 – AP Computer Science Principles A/B (9-12) (U)</p> <p>5445/5446 – AP Computer Science A/B (11-12) (U)</p> <p>2413/2414 – Career Launch A/B (11-12) (C)</p>	
<p><b>AUTOMOTIVE</b></p> <p>3500 – Power Mechanics I (10-12) (C)</p> <p>3510 – Power Mechanics II (10-12) (C)</p> <p>3520 – Consumer Auto (10-12) (C)</p> <p>3521/3522 – Auto Technology A/B (11-12) (C)</p>	

MANUFACTURING  
+ AUTOMOTIVE

THESE  
COURSES ARE  
RECOMMENDED FOR  
BOTH  
MANUFACTURING  
+ AUTOMOTIVE  
PATHWAYS.



Course requirements may vary. Check course catalog.

## OCCUPATIONS (Twin Cities Metro Area Data from DEED)



<p>HEAVY TRUCK DRIVER MEDIAN SALARY</p> <p><b>\$61,872</b></p> <p>PROJECTED GROWTH: 4.9%</p> <p>EDUCATION HIGH SCHOOL DIPLOMA</p>	<p>MACHINIST MEDIAN SALARY</p> <p><b>\$59,228</b></p> <p>PROJECTED GROWTH: 7.7%</p> <p>EDUCATION CERTIFICATE/ DIPLOMA</p>	<p>AIRCRAFT MECHANIC MEDIAN SALARY</p> <p><b>\$80,706</b></p> <p>PROJECTED GROWTH: 9.6%</p> <p>EDUCATION CERTIFICATE/ DIPLOMA</p>	<p>INDUSTRIAL ENGINEER MEDIAN SALARY</p> <p><b>\$103,178</b></p> <p>PROJECTED GROWTH: 11.6%</p> <p>EDUCATION BACHELOR'S DEGREE</p>	<p>TRANSPORTATION/ DISTRIBUTION MANAGER MEDIAN SALARY</p> <p><b>\$109,740</b></p> <p>PROJECTED GROWTH: 3.4%</p> <p>EDUCATION BACHELOR'S DEGREE</p>
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<https://mn.gov/deed/data/data-tools/career-pathways-tool/>




# TECHNOLOGY/SCIENCE/MATHEMATICS

- Engineering and Technology
- Science and Mathematics

## ENGINEERING/TECHNOLOGY AND SCIENCE/MATHEMATICS PATHWAYS

(U) Ranger University class  
(C) Certification

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<b>ENGINEERING + TECHNOLOGY</b> <b>3700 – Introduction to Computer Aided Drafting (9-12)</b> <b>3997 – 9th Grade Engineering (9)</b> <b>3800 – Engineering &amp; Drafting I (10-12) (U)</b> <b>3810 – Engineering &amp; Drafting II (10-12)</b> <b>3820 – Engineering Design (11-12)</b> <b>3300 – Electricity/Electronics I (9-12)</b> <b>3310 – Electricity/Electronics II (10-12)</b> <b>3995 – Woodworking and Metals (9)</b> <b>3151 – Metals I (10-12)</b> <b>3152 – Metals II (10-12)</b> <b>3153 – Metals III (11-12)</b> <b>3500 – Power Mechanics I (10-12)</b> <b>3510 – Power Mechanics II (10-12)</b>	<b>Complete OSHA 10 Certification</b>  <b>Attend field trips/tours</b>  <b>Develop leadership skills through clubs, sports, work, service, etc.</b>
<b>3600 – Robotics and Automation (9-12)</b> <b>6907/6908/6909 – AP Physics A/B/C (9-12) (U)</b> <b>6910/6911 – AP Physics – Mechanics A/B (Calc based) (11-12) (U)</b> <b>6712/6713/6714 – AP Chemistry A/B/C (10-12) (U) or</b> <b>6702 – Chemistry B (10-12)</b> <b>6615/6616/6617 – AP Biology A/B/C (11-12) (U)</b> <b>6621/6622/6623 – AP Environmental Science A/B/C (9-12) (U)</b> <b>5252/5253/5254 – AP Pre-Calculus A/B/C (10-12) (U)</b> <b>5255/5256 – AP Calculus I – A/B (11-12) (U)</b> <b>5258/5259 – AP Calculus II – A/B and/or (U)</b> <b>5440/5441 – AP Computer Science Principles A/B (U) and/or</b> <b>5445/5446 – AP Computer Science A/B (11-12) (U)</b> <b>2415/2416 – AP Seminar A/B (10-12) (U)</b> <b>2413/2414 – Career Launch A/B (11-12) (C)</b>	
<b>SCIENCE + MATHEMATICS</b> <b>Science Electives</b> <b>Math Electives</b>	

THESE COURSES ARE RECOMMENDED FOR BOTH ENGINEERING + SCIENCE/MATH PATHWAYS.

ENGINEERING/TECH + SCIENCE/MATH

## OCCUPATIONS

(Twin Cities Metro Area Data from DEED)

Course requirements may vary. Check course catalog.



CHEMICAL  
TECHNICIAN  
MEDIAN SALARY

**\$59,817**

PROJECTED  
**GROWTH:**  
9.5%

EDUCATION  
**HIGH SCHOOL  
DIPLOMA**

CIVIL  
ENGINEERING TECH  
MEDIAN SALARY

**\$71,840**

PROJECTED  
**GROWTH:**  
1.3%

EDUCATION  
**ASSOCIATE'S  
DEGREE**

CIVIL  
ENGINEER  
MEDIAN SALARY

**\$99,811**

PROJECTED  
**GROWTH:**  
7.9%

EDUCATION  
**BACHELOR'S  
DEGREE**

ELECTRICAL  
ENGINEER  
MEDIAN SALARY

**\$105,810**

PROJECTED  
**GROWTH:**  
3.2%

EDUCATION  
**BACHELOR'S  
DEGREE**

STATISTICIAN  
MEDIAN SALARY

**\$87,028**

PROJECTED  
**GROWTH:**  
33.4%

EDUCATION  
**GRADUATE  
DEGREE**



## HEALTH SCIENCE

- Biotechnology Research and Development
- Diagnostic Service
- Health Informatics
- Therapeutic Services



## HEALTH SCIENCE PATHWAY

(U) Ranger University class  
(C) Certification

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<p><b>2430 – Exploring Medical Careers (9-12)</b></p> <p><b>2440 – Nursing Assistant Comprehensive (CNA) (11-12) (U) (C)</b></p> <p><b>2450 – Emergency Medical Responder (11-12) (U) (C)</b></p> <p><b>2451 / 2452 – Emergency Medical Technician A/B (12) (U) (C)</b></p> <p><b>2431 – Medical Dosages (11-12) (U)</b></p> <p><b>2432 – Medical Terminology (10-12) (U)</b></p> <p><b>2433 – Pharmacology (11-12) (U)</b></p> <p><b>6701 / 6702 – Chemistry A/B (10-11) and/or</b></p> <p><b>6712 / 6713 / 6714 – AP Chemistry A/B/C (10-12) (U)</b></p> <p><b>6715 – Organic Chemistry (11-12)</b></p> <p><b>6615 / 6616 / 6617 – AP Biology A/B/C (11-12) (U)</b></p> <p><b>6611 – Human Anatomy and Physiology (11-12)</b></p> <p><b>6612 – Criminalistics (10-12)</b></p> <p><b>0303 – CIS Animal Science (11-12) (U)</b></p> <p><b>0305 – Animal Health and Veterinary Science (11-12) (C)</b></p> <p><b>5449 / 5450 – AP Statistics A/B (10-12) (U)</b></p> <p><b>7306 – Psychology (10-12) and/or</b></p> <p><b>7316 / 7317 – AP Psychology A/B (11-12) (U)</b></p> <p><b>6118 – Cardio, Core and Conditioning (11-12) and/or (C)</b></p> <p><b>6119 – Aerobic &amp; Strength Training I (11-12) (C)</b></p> <p><b>6129 – Aerobic &amp; Strength Training II (11-12) (C)</b></p> <p><b>World Language Electives</b></p> <p><b>2415 / 2416 – AP Seminar A/B (10-12) (U)</b></p> <p><b>2413 / 2414 – Career Launch A/B (11-12) (C)</b></p>	<p><b>Complete Registered Nursing Assistant Certification (CNA)</b></p> <p><b>Complete Emergency Medical Response Certification (EMR)</b></p> <p><b>Complete Emergency Medical Technician Certification (EMT)</b></p> <p><b>Complete OSHA 10 Certification</b></p> <p><b>Complete Personal Trainer &amp; Group Fitness Instructor Certification</b></p> <p><b>Health Occupations Students of America (HOSA) Club</b></p> <p><b>Emergency Medical Service (EMS) Club</b></p> <p><b>Work or volunteer in a medical setting (nursing homes, hospitals, etc.)</b></p> <p><b>Attend field trips/tours</b></p> <p><b>Develop leadership skills through clubs, sports, work, service, etc.</b></p>

Course requirements may vary. Check course catalog.



## OCCUPATIONS (Twin Cities Metro Area Data from DEED)



HOME HEALTH  
AID  
MEDIAN SALARY

**\$33,029**

PROJECTED  
**GROWTH:**  
24.1%

EDUCATION  
HIGH SCHOOL  
DIPLOMA

DENTAL  
ASSISTANT  
MEDIAN SALARY

**\$63,559**

PROJECTED  
**GROWTH:**  
7.2%

EDUCATION  
CERTIFICATE/  
DIPLOMA

REGISTERED  
NURSE  
MEDIAN SALARY

**\$87,291**

PROJECTED  
**GROWTH:**  
6.6%

EDUCATION  
ASSOCIATE'S  
DEGREE

SPEECH  
PATHOLOGIST  
MEDIAN SALARY

**\$84,269**

PROJECTED  
**GROWTH:**  
26.1%

EDUCATION  
GRADUATE  
DEGREE

PHYSICIAN  
ASSISTANT  
MEDIAN SALARY

**\$129,223**

PROJECTED  
**GROWTH:**  
31.4%

EDUCATION  
GRADUATE  
DEGREE

<https://mn.gov/deed/data/data-tools/career-pathways-tool/>

## EDUCATION/HUMAN SERVICES

- Administration and Administrative Support
- Professional Support Services
- Teaching/Training



## EDUCATION/HUMAN SERVICES PATHWAY

(U) Ranger University class  
(C) Certification

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<p><b>2805 – Family Dynamics (9-12)</b>  <b>2800 – Psychology of Childhood (10-12)</b>  <b>2813/2814 – Exploring Education A/B (11-12) (U)</b>  <b>2419 – Exploring the Teaching Profession I (11-12) (U)**</b>  <b>7306 – Psychology (9-12)</b>  <b>7316/7317 – AP Psych A/B (11-12) (U)</b>  <b>7205 – Anthropology (9-12)</b>  <b>7307 – Sociology (9-12)</b>  <b>7300 – Contemporary Social Issues (11-12)</b>  <b>7488/7489 – AP Human Geography A/B (9-12) (U)</b>  <b>World Language Electives</b>  <b>4115 – CIS Advanced Public Speaking (11-12) (U)</b>  <b>4221 – CIS University Writing (12) (U)</b>  <b>2415/2416 – AP Seminar A/B (10-12) (U)</b></p> <p><b>*If you plan to be a content area teacher, take as many content area classes as possible.</b></p>	<p><b>Creative Minds</b>  <b>GSA</b>  <b>Student Council</b>  <b>National Honors Society</b>  <b>Rotary Interact</b>  <b>Volunteer/Work with young people: coach a sport, church groups, childcare, etc.</b>  <b>Develop leadership skills through clubs, sports, work, service, etc.</b></p>

Course requirements may vary. Check course catalog.

\*\*Pending school board approval.



## OCCUPATIONS (Twin Cities Metro Area Data from DEED)



<p><b>MASSAGE THERAPIST</b>  <small>MEDIAN SALARY</small></p> <p><b>\$50,792</b>  <b>PROJECTED GROWTH:</b>  32.3%</p> <p><b>EDUCATION CERTIFICATE/DIPLOMA</b></p>	<p><b>PRESCHOOL TEACHER</b>  <small>MEDIAN SALARY</small></p> <p><b>\$37,780</b>  <b>PROJECTED GROWTH:</b>  19.5%</p> <p><b>EDUCATION BACHELOR'S DEGREE</b></p>	<p><b>ELEMENTARY SCHOOL TEACHER</b>  <small>MEDIAN SALARY</small></p> <p><b>\$65,111</b>  <b>PROJECTED GROWTH:</b>  6.4%</p> <p><b>EDUCATION BACHELOR'S DEGREE</b></p>	<p><b>LIBRARIAN</b>  <small>MEDIAN SALARY</small></p> <p><b>\$78,213</b>  <b>PROJECTED GROWTH:</b>  5.1%</p> <p><b>EDUCATION BACHELOR'S DEGREE</b></p>	<p><b>CHILD, FAMILY, SCHOOL SOCIAL WORKER</b>  <small>MEDIAN SALARY</small></p> <p><b>\$66,205</b>  <b>PROJECTED GROWTH:</b>  9.8%</p> <p><b>EDUCATION GRADUATE DEGREE</b></p>
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<https://mn.gov/deed/data/data-tools/career-pathways-tool/>

# LAW/GOVERNMENT

- Correction Services
  - Emergency and Fire Management Services
  - Law Enforcement Services
- Legal Services
  - Security and Protective Services

## LAW/GOVERNMENT PATHWAY

(U) Ranger University class  
(C) Certification

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<p>2300 – Business and Personal Law I (9-12)</p> <p>2310 – Business and Personal Law II (9-12)</p> <p>7300 – Contemporary Social Issues (11-12)</p> <p>7205 – Anthropology (9-12)</p> <p>7307 – Sociology (9-12)</p> <p>7306 – Psychology (9-12)</p> <p>7316/7317 – AP Psych A/B (11-12) (U)</p> <p>7488/7489 – AP Human Geography A/B (9-12) (U)</p> <p>7051/7052 – AP World History A/B (10-12) (U)</p> <p>7012/7013 – AP U.S History A/B (11-12) (U)</p> <p>7211/7212 – AP Microeconomics A/B (11-12) (U)</p> <p>7027 – International Relations (9-12)</p> <p>4115 – CIS Advanced Public Speaking (11-12) (U)</p> <p>4221 – CIS University Writing (12) (U)</p> <p>2415/2416 – AP Seminar A/B (10-12) (U)</p> <p>2450 – Emergency Medical Responder (10-12) (U) (C)</p>	<p>History Day</p> <p>Rotary Interact</p> <p>Speech</p> <p>Student Council</p> <p>National Honors Society</p> <p>Law Enforcement Exploring</p> <p>Develop leadership skills through clubs, sports, work, service, etc.</p>

Course requirements may vary. Check course catalog.



## OCCUPATIONS (Twin Cities Metro Area Data from DEED)



<p>FIREFIIGHTER MEDIAN SALARY</p> <p><b>\$50,888</b></p> <p>PROJECTED <b>GROWTH:</b> 4.8%</p> <p>EDUCATION HIGH SCHOOL DIPLOMA</p>	<p>GOVT. PROGRAM ELIGIBILITY INTERVIEWER MEDIAN SALARY</p> <p><b>\$65,252</b></p> <p>PROJECTED <b>GROWTH:</b> 3.7%</p> <p>EDUCATION HIGH SCHOOL DIPLOMA</p>	<p>POLICE/SHERIFF PATROL OFFICER MEDIAN SALARY</p> <p><b>\$87,344</b></p> <p>PROJECTED <b>GROWTH:</b> 4.3%</p> <p>EDUCATION ASSOCIATE'S DEGREE</p>	<p>OCCUPATIONAL HEALTH SAFETY SPECIALIST MEDIAN SALARY</p> <p><b>\$89,918</b></p> <p>PROJECTED <b>GROWTH:</b> 4.7%</p> <p>EDUCATION BACHELOR'S DEGREE</p>	<p>LAWYER MEDIAN SALARY</p> <p><b>\$158,410</b></p> <p>PROJECTED <b>GROWTH:</b> 8.5%</p> <p>EDUCATION GRADUATE DEGREE</p>
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<https://mn.gov/deed/data/data-tools/career-pathways-tool/>

# BUSINESS, MANAGEMENT AND ADMINISTRATION

- Administrative Support
- Operations Management
- Business Information Management
- Human Resources Management
- General Management



## MANAGEMENT/ADMINISTRATION AND HOSPITALITY/TOURISM PATHWAYS

(U) Ranger University class  
(C) Certification

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<b>BUSINESS/MANAGEMENT/ADMINISTRATION</b> 2040 – Business Information Systems (10-12) (U) (C) 2250 – Principles of Management (10-12) (U) 2050 – Business Computer Applications (10-12) (U) (C) 2220 – Principles of Marketing (10-12) (U) (C) 2230 – College Introduction to Business (10-12) (U) (C) 2240 – Human Relations in Business (10-12) (U) (C) 2316 – Business Leadership (11-12) 2300 – Business and Personal Law I (9-12) 2310 – Business and Personal Law II (9-12) 7211 / 7212 – AP Microeconomics (11-12) (U) 2415 / 2416 – AP Seminar A/B (10-12) (U) 2413 / 2414 – Career Launch A/B (11-12) (C)	<b>Complete Business Essentials Certification</b> <b>Complete Microsoft Office Specialist Certification (MOS)</b> <b>Complete IC3 Certification</b> <b>DECA</b> <b>Student Council</b> Develop leadership skills through clubs, sports, work, service, etc. <b>Complete ServSafe Certification (Hospitality/Tourism only)</b> <b>Complete Prostart Certification (Hospitality/Tourism only)</b>
<b>HOSPITALITY AND TOURISM</b> 2317 – Hospitality and Tourism Mgmt (9-12) 2614 / 2615 – Introduction to Culinary Arts A/B (10-12) (C) 2616 / 2617 – Advanced Culinary Arts A/B (11-12) (C) 5430 / 5431 – IT Exploration A/B (9-12) (C) 7211 / 7212 – AP Microeconomics (11-12) (U) 7306 – Psych (10-12) and/or 7316 / 7317 – AP Psych A/B (11-12) (U) 2415 / 2416 AP Seminar A/B (10-12) (U) 2413 / 2414 – Career Launch A/B (11-12) (C) <b>World Languages Electives</b>	

Course requirements may vary. Check course catalog.



## OCCUPATIONS (Twin Cities Metro Area Data from DEED)



<b>WAITSTAFF</b> MEDIAN SALARY <b>\$24,621</b> PROJECTED GROWTH: 17.4% EDUCATION <b>HIGH SCHOOL DIPLOMA</b>	<b>CUSTOMER SERVICE REP.</b> MEDIAN SALARY <b>\$47,638</b> PROJECTED GROWTH: -3.9% EDUCATION <b>HIGH SCHOOL DIPLOMA</b>	<b>CONVENTION/ EVENT PLANNER</b> MEDIAN SALARY <b>\$62,063</b> PROJECTED GROWTH: 14.1% EDUCATION <b>HIGH SCHOOL DIPLOMA</b>	<b>HUMAN RESOURCES SPECIALIST</b> MEDIAN SALARY <b>\$75,670</b> PROJECTED GROWTH: 8.9% EDUCATION <b>BACHELOR'S DEGREE</b>	<b>MANAGEMENT ANALYST</b> MEDIAN SALARY <b>\$101,561</b> PROJECTED GROWTH: 11.3% EDUCATION <b>BACHELOR'S DEGREE</b>
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<https://mn.gov/deed/data/data-tools/career-pathways-tool/>

## FINANCE/MARKETING

- Banking Services
- Business Finance
- Securities and Investment
- Accounting
- Insurance
- Merchandising
- Marketing Management
- Marketing Communications
- Marketing Research
- Professional Sales

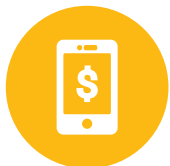
## FINANCE AND MARKETING PATHWAYS

(U) Ranger University class  
(C) Certification

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<b>FINANCE</b> 2100 – Accounting I (9-12) 2110 – Accounting II (9-12) 2120 – Computerized Accounting III (10-12) 2230 – College Introduction to Business (10-12) (U) (C) 2040 – Business Information Systems (10-12) (U) (C) 2050 – Business Computer Applications (10-12) (U) (C) 5449/5450 – AP Statistics A/B (10-12) (U) 2027 – Personal Money Management (11-12) or 2706 – Financial Skills for Life (11-12) 7211/7212 – AP Microeconomics (11-12) (U) 2415/2416 AP Seminar A/B (10-12) (U) 2413/2414 – Career Launch A/B (11-12) (C)	<b>Complete Business Essentials Certification</b>  <b>Complete Microsoft Office Specialist Certification (MOS)</b>  <b>Investment Club</b>  <b>DECA</b>  <b>Develop leadership skills through clubs, sports, work, service, etc.</b>
<b>MARKETING</b> 2022 – Web Design & Social Media Marketing (9-12) 2220 – Principles of Marketing (10-12) (U) (C) 2317 – Hospitality and Tourism Mgmt (9-12) 2230 – College Introduction to Business (10-12) (U) (C) 2240 – Human Relations in Business (10-12) (U) (C) 2040 – Business Information Systems (10-12) (U) 2050 – Business Computer Applications (10-12) (U) (C) 5449/5450 – AP Statistics A/B (10-12) (U) 2505 – Fashion Marketing and Design (10-12) 1610 – Digital Imaging (Graphic Design) (9-12) 1620 – Advanced Digital Imaging (10-12) 7306 – Psych (10-12) and/or 7316/7317 – AP Psych A/B (11-12) (U) 2415/2416 AP Seminar A/B (10-12) (U) 2413/2414 – Career Launch A/B (11-12) (C)	

## OCCUPATIONS (Twin Cities Metro Area Data from DEED)

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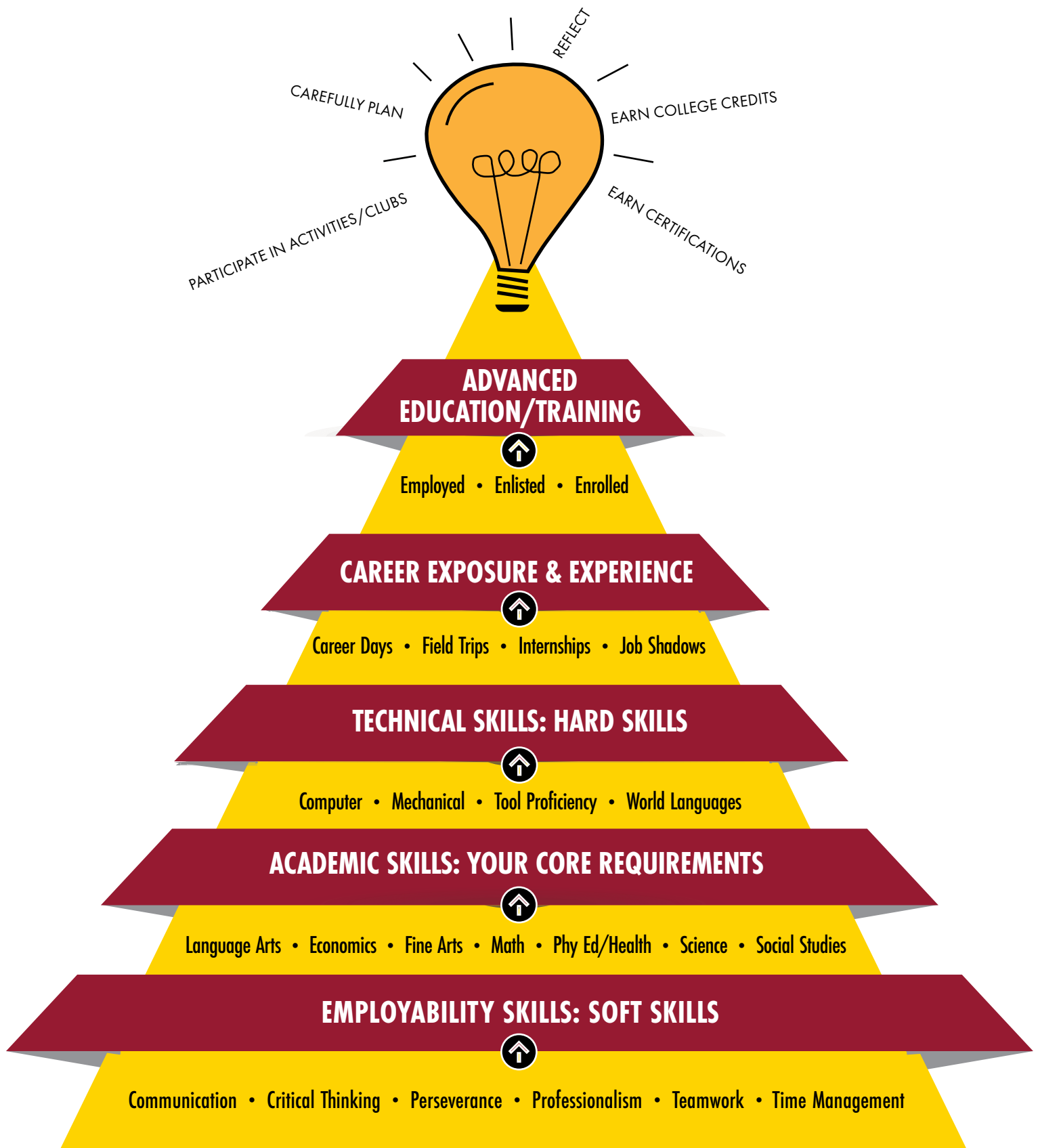


<b>LOAN OFFICER</b> <small>MEDIAN SALARY</small> <b>\$82,306</b> <b>PROJECTED GROWTH:</b> .9% <b>EDUCATION</b> <b>HIGH SCHOOL DIPLOMA</b>	<b>PROPERTY MANAGER</b> <small>MEDIAN SALARY</small> <b>\$63,587</b> <b>PROJECTED GROWTH:</b> .4% <b>EDUCATION</b> <b>HIGH SCHOOL DIPLOMA</b>	<b>FUNDRAISER</b> <small>MEDIAN SALARY</small> <b>\$66,661</b> <b>PROJECTED GROWTH:</b> 7.7% <b>EDUCATION</b> <b>BACHELOR'S DEGREE</b>	<b>PUBLIC RELATIONS SPECIALIST</b> <small>MEDIAN SALARY</small> <b>\$69,282</b> <b>PROJECTED GROWTH:</b> 5.9% <b>EDUCATION</b> <b>BACHELOR'S DEGREE</b>	<b>ACTUARY</b> <small>MEDIAN SALARY</small> <b>\$110,433</b> <b>PROJECTED GROWTH:</b> 23.9% <b>EDUCATION</b> <b>BACHELOR'S DEGREE</b>
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# MAXIMIZE YOUR OPPORTUNITIES AT FOREST LAKE AREA HIGH SCHOOL!



## FOR GUIDANCE:

Use Xello | Talk to Your Ranger Connect Teacher | Talk to Your Dean | Talk to the College & Career Coordinator