

CAREER PATHWAYS GUIDE

PREPARING FOR SUCCESS
AFTER HIGH SCHOOL

KEEP FOR ALL YOUR
HIGH SCHOOL YEARS!



RANGER TERRITORY

Forest Lake Area Schools

HOW TO USE YOUR CAREER PATHWAY GUIDE

**STEP
1**



Discover your career interests. Use the assessment tool on page two. Other assessment tools can be found in Xello, and on the College and Career Center webpage.

**STEP
2**



Identify and/or reevaluate your career field and career cluster(s) of interest on page four. These may change over your high school career.

**STEP
3**



Identify your free opportunities to explore, experience, and develop skills in order to ensure you are prepared for life after high school. How will you challenge yourself? How will you discover your interests?

**STEP
4**



Examine the financial and lifestyle implications of your intended path. What is the cost of your post secondary path? Does your career of interest support the life tyle you want?

**STEP
5**



Select courses, activities, experiences, and credentials that support your career goal(s).

GRADUATION REQUIREMENTS

LANGUAGE ARTS	4.00
MATH	3.00
SOCIAL STUDIES	3.00
ECONOMICS	0.50
SCIENCE	3.50
PHYSICAL EDUCATION	1.00
HEALTH	0.50
THE ARTS	1.00
ELECTIVES	9.50
TOTAL REQUIRED CREDITS	26.00

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



*You may have the opportunity to earn college credit for Ranger U courses. Watch for the **(U)**.

INTEREST PROFILE

I like to:

...do puzzles	<input type="checkbox"/>				
...work on cars	<input type="checkbox"/>				
...attend concerts, theaters or art exhibits		<input type="checkbox"/>			
...work in teams			<input type="checkbox"/>		
...organize things like files, offices or activities					<input type="checkbox"/>
...set goals for myself				<input type="checkbox"/>	
...build things	<input type="checkbox"/>				
...read fiction, poetry or plays			<input type="checkbox"/>		
...have clear instructions to follow					<input type="checkbox"/>
...influence or persuade people				<input type="checkbox"/>	
...do experiments		<input type="checkbox"/>			
...teach or train people			<input type="checkbox"/>		
...help people solve their problems			<input type="checkbox"/>		
...take care of animals	<input type="checkbox"/>				
...have my day structured					<input type="checkbox"/>
...sell things				<input type="checkbox"/>	
...do creative writing			<input type="checkbox"/>		
...work on science projects		<input type="checkbox"/>			
...take on new responsibilities					<input type="checkbox"/>
...heal people			<input type="checkbox"/>		
...figure out how things work		<input type="checkbox"/>			
...put things together or assemble models	<input type="checkbox"/>				
...be creative					

STEP 1
Read each statement. If you agree, fill in the corresponding square.

...pay attention to details					<input type="checkbox"/>
...do filing or typing					<input type="checkbox"/>
...learn about other cultures			<input type="checkbox"/>		
...analyze things like problems, situations or trends		<input type="checkbox"/>			
...play instruments or sing			<input type="checkbox"/>		
...dream about starting my own business					<input type="checkbox"/>
...cook	<input type="checkbox"/>				
...act in plays			<input type="checkbox"/>		
...think things through before making decisions	<input type="checkbox"/>				
...work with numbers or charts		<input type="checkbox"/>			
...have discussions about issues like politics or current events				<input type="checkbox"/>	
...keep records of my work					<input type="checkbox"/>
...be a leader					<input type="checkbox"/>
...work outdoors	<input type="checkbox"/>				
...work in an office					<input type="checkbox"/>
...work on math problems		<input type="checkbox"/>			
...help people				<input type="checkbox"/>	
...draw			<input type="checkbox"/>		
...give speeches					<input type="checkbox"/>
R	I	A	S	E	C

- R** = Realistic **Total:** _____
- I** = Investigative **Total:** _____
- A** = Artistic **Total:** _____
- S** = Social **Total:** _____
- E** = Enterprising **Total:** _____
- C** = Conventional **Total:** _____

STEP 2
Add the columns from above and record the number of filled squares for each letter.

STEP 3
The three letters with the highest scores are your interest profile. Record your profile to the right.

MY INTEREST PROFILE:

○ ○ ○

ASSESSING YOURSELF

STEP 4

To the right are descriptions for each interest code. Read the descriptions for the codes in your interest profile.

Realistic people are DOERS.

They are often good at mechanical or athletic jobs. They like to work with things like machines, tools or plants. They like to work with their hands. They are practical and good at solving problems.

Investigative people are THINKERS.

They like to watch, learn and solve problems. They often like to work alone. They tend to be good at math or science, and like analyzing data.

Artistic people are CREATORS.

They like to have the freedom to use their creativity to come up with new ideas. They often enjoy performing (theater or music) and the visual arts.

Social people are HELPERS.

They like to work with people more than with things. They enjoy training, counseling or curing people. They are often good public speakers. They have helpful, empathetic personalities.

Enterprising people are PERSUADERS.

They like to work with other people. They like to influence, lead and perform. They are often assertive and full of energy.

Conventional people are ORGANIZERS.

They are good with details and like to work with data. They have good organizing skills and like working in structured situations. They often work well with numbers. They are also good at following instructions.

R-Realistic

- Agriculture
- Architecture & Construction
- Health Science
- Hospitality & Tourism
- Information Technology
- Law & Public Safety
- Manufacturing
- Science, Technology & Math
- Transportation

I-Investigative

- Health Science
- Information Technology
- Science, Technology & Math

A-Artistic

- Arts & Communications
- Education & Training
- Marketing & Sales

S-Social

- Education & Training
- Government
- Health Science
- Human Service
- Law & Public Safety
- Marketing & Sales

E-Enterprising

- Arts & Communications
- Business & Management
- Finance
- Hospitality & Tourism
- Law & Public Safety
- Marketing & Sales
- Government

C-Conventional

- Architecture & Construction
- Business & Management
- Finance
- Health Science
- Manufacturing
- Marketing & Sales
- Transportation

R and S

- Health Science
- Human Service
- Law & Public Safety

R and E

- Arts & Communications
- Hospitality & Tourism

I and S

- Health Science
- Education & Training

I and R

- Agriculture
- Health Science
- Information Technology
- Science, Technology & Math

STEP 5

Match your interest profile from Step 3 to the interest codes shown here.

A and S

- Education & Training
- Arts & Communications
- Marketing & Sales

A and R

- Arts & Communications
- Education & Training

S and E

- Government
- Law & Public Safety
- Marketing & Sales

E and C

- Business & Management
- Finance

E and A

- Arts & Communications
- Marketing & Sales

C and R

- Architecture & Construction
- Manufacturing
- Transportation

FOR GUIDANCE:

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

STEP 6

Circle the career clusters that interest you. These may change over time.



CAREER CLUSTERS

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

ARTS, AUDIO/VIDEO TECHNOLOGY AND COMMUNICATION

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

INFORMATION TECHNOLOGY

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

ARCHITECTURE AND CONSTRUCTION

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

MANUFACTURING

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

SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS

- Engineering and Technology
- Science and Mathematics

HEALTH SCIENCE

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

EDUCATION AND TRAINING

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

LAW, PUBLIC SAFETY, CORRECTIONS AND SECURITY

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

BUSINESS, MANAGEMENT AND ADMINISTRATION

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

FINANCE

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

MARKETING

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

PATHWAY TO POST-SECONDARY SUCCESS

Develop your skills:

ACADEMIC | PERSONAL | TECHNICAL | PROFESSIONAL



WHAT IS RANGER U?

Free opportunities for you to earn high school and college credit simultaneously.

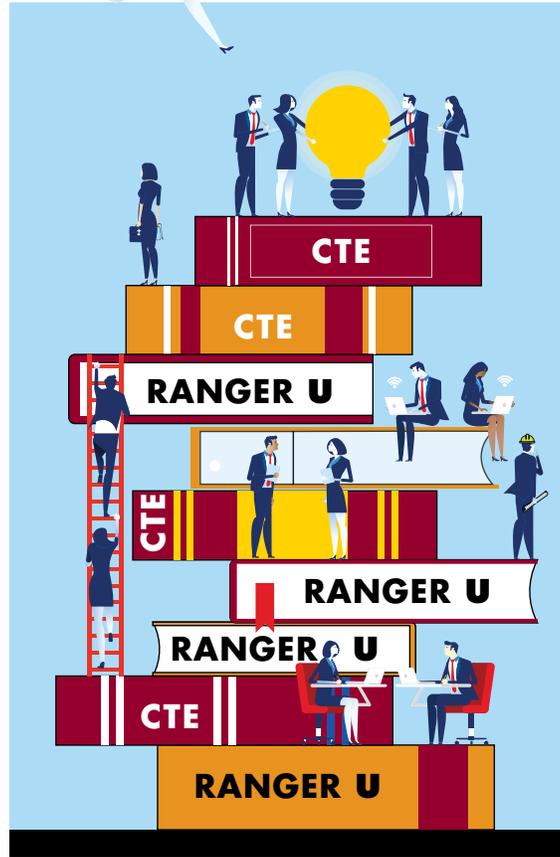
Courses designed to prepare you for college with challenging classwork.

Courses are offered across all subject areas.

WHAT CAN RANGER U DO FOR YOU?

- ✓ Develop critical thinking skills.
- ✓ Provide challenging classwork giving you the experience of college level work.
- ✓ Increase your likelihood of graduating from your college on time.
- ✓ Earn higher GPAs in college.
- ✓ Earn free college credit.

Source: CollegeBoard.org



WHAT IS CTE?

(CAREER TECHNICAL EDUCATION)

Free opportunity for you to develop real world skills through hands on classwork.

Courses that take a closer look at related careers.

Courses are offered in Agriculture, Business, FACS, Health Care, and Industrial Technology.

WHAT CAN CTE DO FOR YOU?

- ✓ Develop transferable and applicable skills for high demand careers.
- ✓ Better understand career opportunities.
- ✓ Earn industry recognized credentials, which are often stackable.
- ✓ Increase high school graduation rates.
- ✓ Feel happier with your high school experience.

Source: careertech.org/cte-your-state and cte.ed.gov/

What is a stackable credential?

- ✓ Sequence of credentials earned over time to move up or along a career ladder.
- ✓ For example, certified nursing assistant ...-> registered nurse.

CHECKLIST TO RECEIVE CREDIT

FOR AP:

- ✓ Take the test.
- ✓ Earn a 3, 4, or 5.
- ✓ Contact your intended college to understand how much credit you can earn and for which classes.

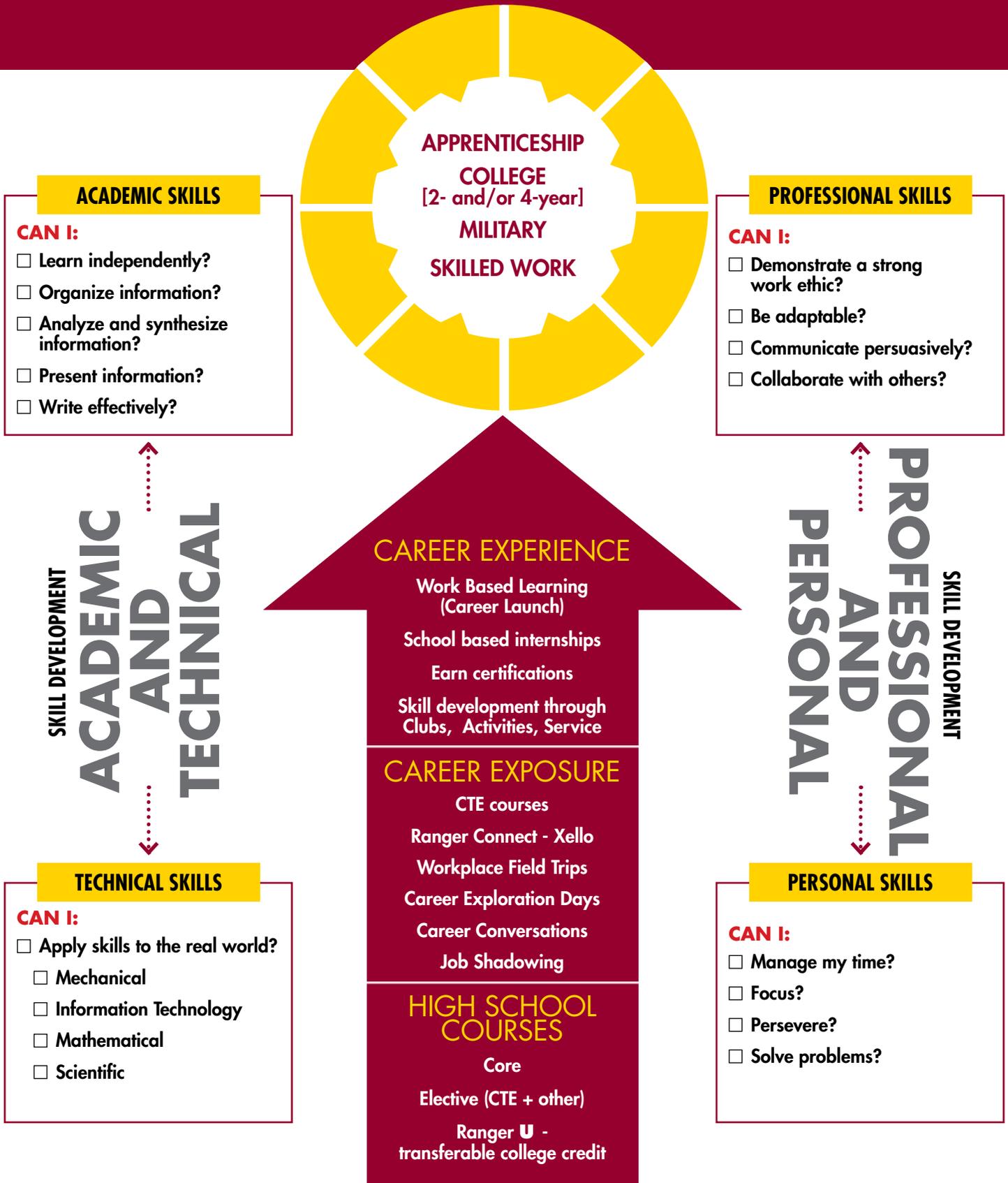
FOR CONCURRENT COURSES:

(CIS- U of MN and Minn State)

- ✓ Enroll in course through the partnering college with your high school teacher.
- ✓ Keep your course syllabus and work samples. You may need to prove why the credit should transfer.
- ✓ These courses are automatically transcribed. Request an official transcript to be sent from the partnering college to the college you are attending.

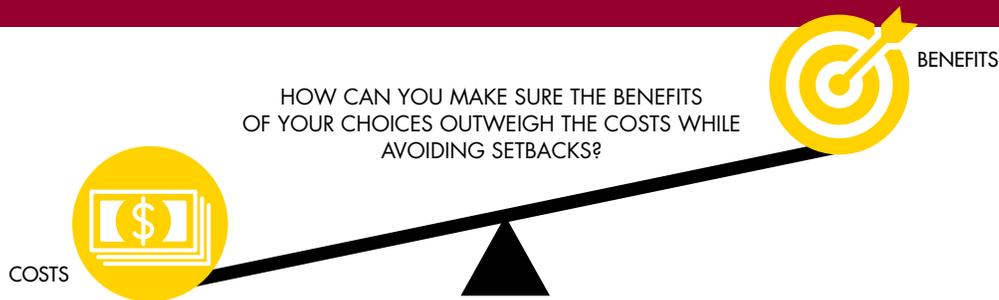
PATHWAY TO POST-SECONDARY SUCCESS

How will you stack credits, credentials, and experiences for your path to post-secondary success?



**WHAT ARE YOUR INTERESTS?
WHAT ARE YOUR GOALS?**

FINANCIAL IMPLICATION OF YOUR PATHWAY CHOICE?



“The yearly cost of living for a family of three in the Twin Cities is \$72,000- with two full-time workers.”
 Source: mn.gov/deed/data/data-tools/col/

DID YOU KNOW?	TAKE ACTION
High school provides awesome FREE opportunities to discover what interests you! FLAHS offers nearly 200 electives.	EXPLORE YOUR OPTIONS <i>Discover your interests.</i>
Challenging classes help you develop the skills you need to stick with your path. FLAHS offers 60 Ranger U classes, providing you the opportunity to earn free college credit.	PREPARE FOR COLLEGE AND/OR TRAINING <i>Develop your academic, technical, and professional skills.</i>
When you have a goal, perseverance is easier. 74% of Forest Lake grads have enrolled in college. However, only 54% have completed a certificate or degree within 6 years. <small>Source: Minnesota SLEDS</small>	DEVELOP GOALS <i>What lifestyle do you want? Plan backwards accordingly</i>
Major (or program of study) matters! Not all majors offer the same employment opportunities.	UNDERSTAND EMPLOYMENT DEMAND <i>What job can you get with your degree or credentials?</i>
There are various ways to earn a credential and/or degree today. <ul style="list-style-type: none"> • Transfer Pathways: Start at a 2-year school and transfer to a 4-year school. • Earn and Learn: Work for an employer or trade union who is willing to invest in your education. It's important to consider the cost of your program and the cost of not working for the length of your program.	RESEARCH THE FINANCIAL IMPLICATIONS OF YOUR PATH <i>Start discussing the costs and benefits of your path. Who is paying for what? Parents? You? Both?</i>

COSTS OF EDUCATION

EDUCATION PATH	TUITION + FEES
Apprenticeship/Earn and Learn	\$0/yr
2-Year College/Tech School	\$5,600/yr
4-Year in State Public College	\$9,000 - 15,000/yr
4-Year Private College	\$15,000 - 57,000/yr <small>(sticker price is most often not the actual cost)</small>
Military	\$0

ROOM + BOARD + OTHER FEES
\$12,000 - \$15,000/YR

BACHELOR'S DEGREES FROM **PRIVATE COLLEGES**, ON AVERAGE, HAVE HIGHER ROI (RETURN ON INVESTMENT) THAN DEGREES FROM PUBLIC COLLEGES 40 YEARS AFTER ENROLLMENT.

NEW FINDINGS.

COMMUNITY COLLEGES AND MANY **CERTIFICATE PROGRAMS** HAVE THE HIGHEST RETURNS IN THE SHORT TERM, 10 YEARS AFTER ENROLLMENT, THOUGH RETURNS FROM BACHELOR'S DEGREES EVENTUALLY OVERTAKE THOSE OF MOST TWO-YEAR CREDENTIALS.

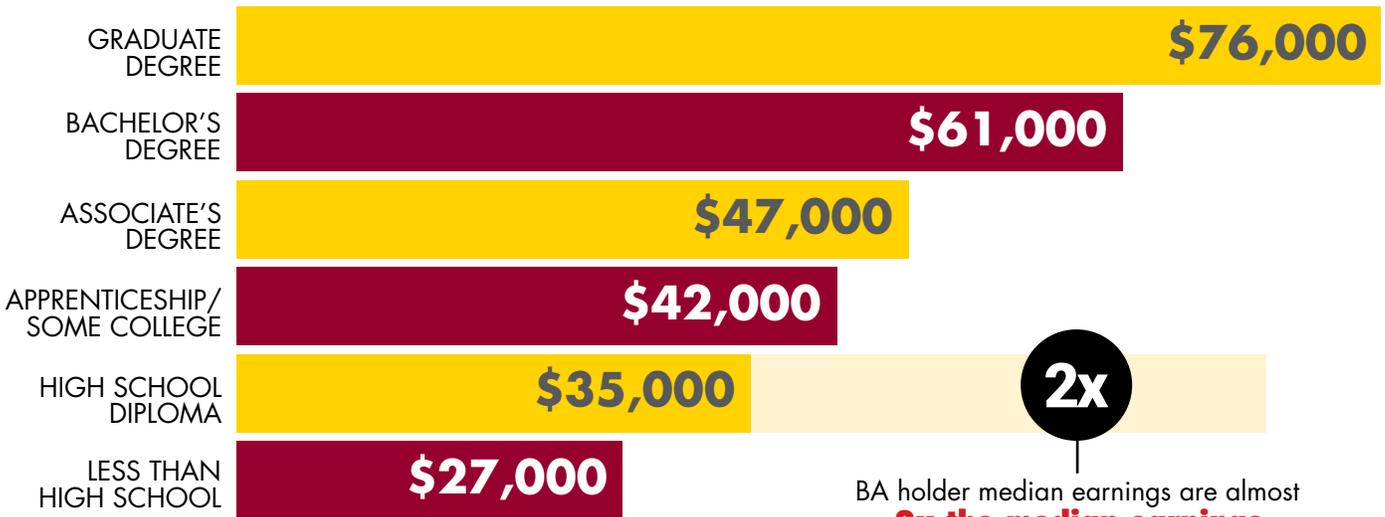
Source: ohe.state.mn.us

Source: Georgetown University's Center on Education and the Workforce using College Scorecard data

EDUCATION LEVEL STILL MATTERS, AND GENERALLY MORE EDUCATION IS BETTER.

Median earnings increase with each additional level of educational attainment.

MEDIAN EARNINGS BY EDUCATION LEVEL IN MINNEAPOLIS/SAINT PAUL AREA



2x

BA holder median earnings are almost **2x the median earnings** of workers with a high school diploma.



**BACHELOR'S DEGREE
MEDIAN EARNINGS
\$61,000**



**GRADUATE DEGREE
MEDIAN EARNINGS
\$76,000**

Source: 2018 American Community Survey

OF FOREST LAKE AREA HIGH SCHOOL GRADS HAVE COMPLETED A CERTIFICATE, ASSOCIATE DEGREE, OR BACHELOR'S DEGREE IN **6 YEARS.**

89%

OF FOREST LAKE AREA HIGH SCHOOL STUDENTS WANT TO OBTAIN A CERTIFICATE OR DEGREE.

54%

74%

OF FOREST LAKE AREA HIGH SCHOOL GRADS HAVE ENROLLED IN COLLEGE.

SINCE 2010, FLAHS GRADUATES HAVE EARNED:

CERTIFICATE, DIPLOMA – **5%**

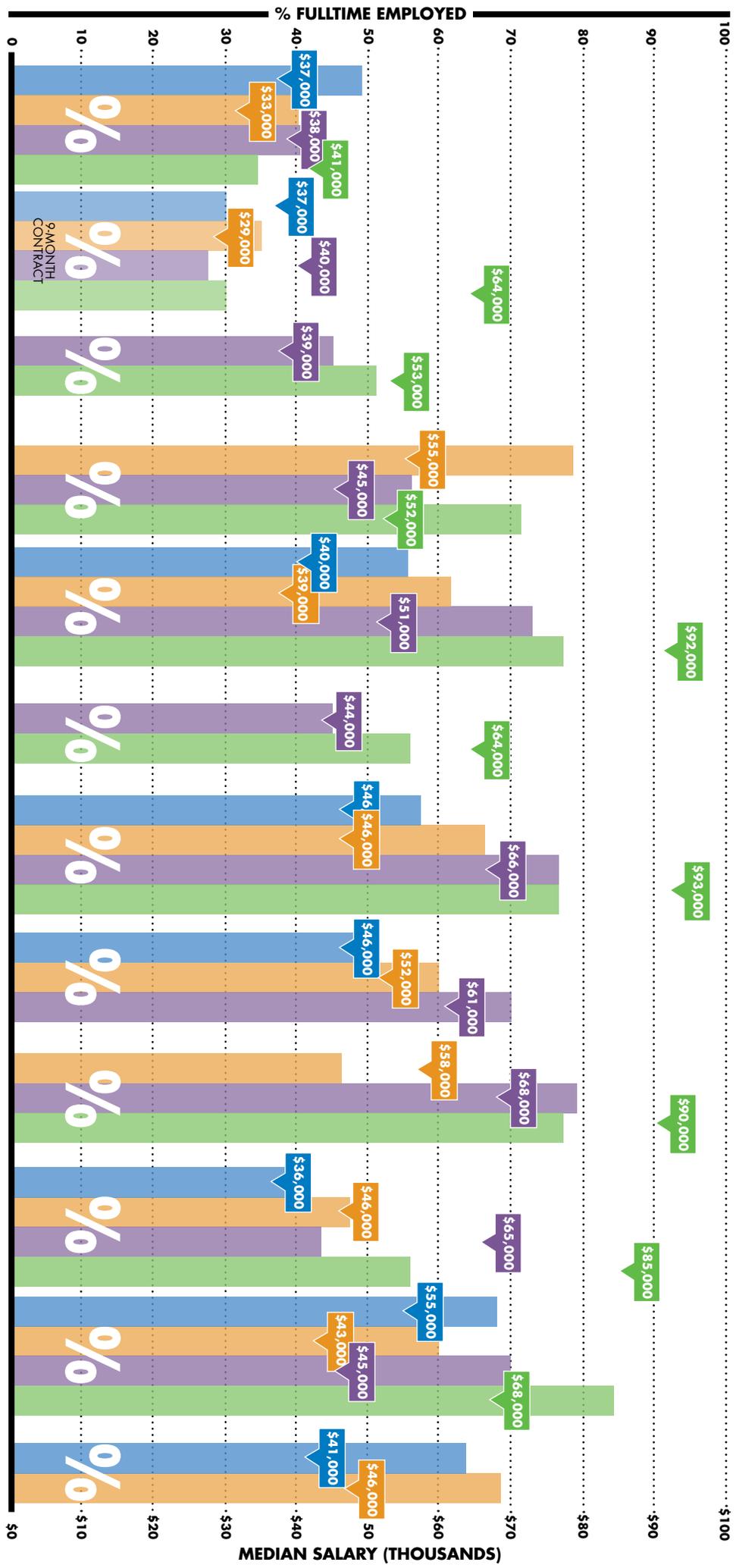
ASSOCIATE DEGREE – **12%**

BACHELOR'S DEGREE – **43%**

Source: Minnesota SLEDS

MEDIAN EARNINGS AND PERCENTAGE EMPLOYED BY FIELD OF STUDY AND DEGREE

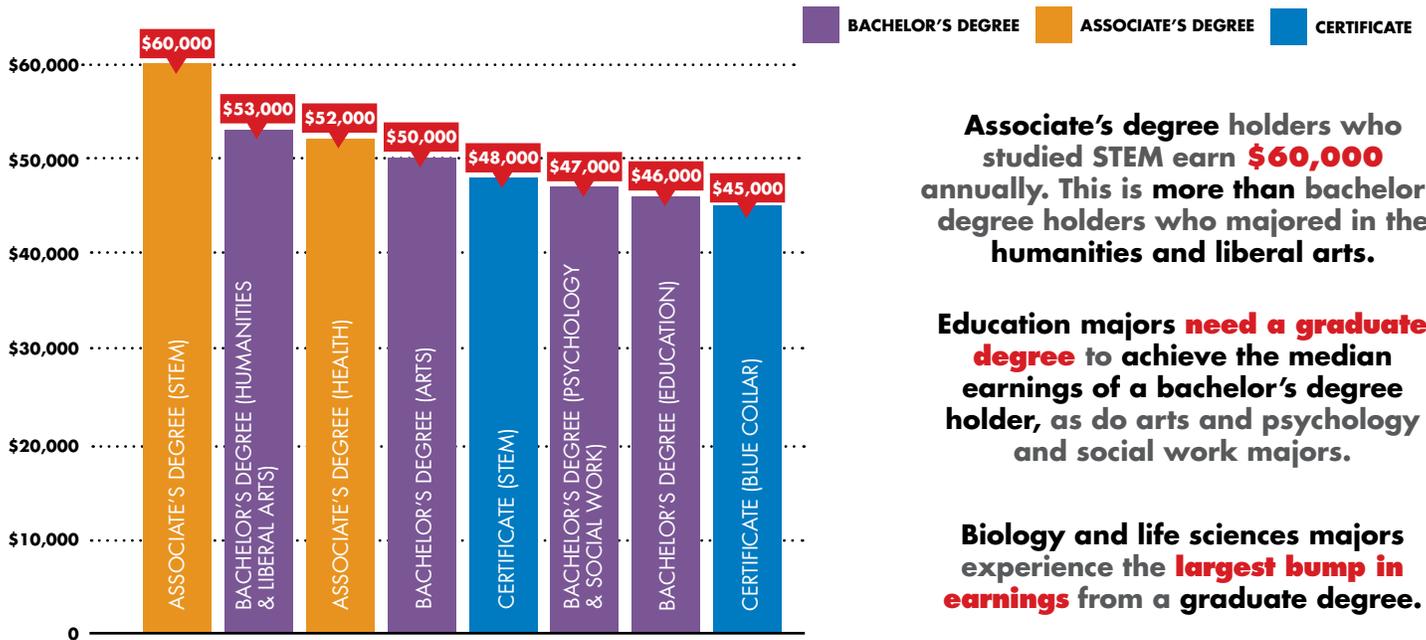
4 years after graduation for 2010, 2011 MN graduates finding a job in Minnesota



LESS EDUCATION CAN BE WORTH MORE.

Some certificates pay more than some associate's degrees, some associate's degrees pay higher than some bachelor's degrees, and some bachelor's degrees result in higher earnings than some graduate degrees. (National Data)

MEDIAN EARNINGS COMPARISON BY EDUCATION LEVEL AND FIELD OF STUDY



Associate's degree holders who studied STEM earn **\$60,000** annually. This is more than bachelor's degree holders who majored in the humanities and liberal arts.

Education majors need a graduate degree to achieve the median earnings of a bachelor's degree holder, as do arts and psychology and social work majors.

Biology and life sciences majors experience the largest bump in earnings from a graduate degree.

Source: Georgetown University Center on Education and the Workforce analysis of data from the US Census Bureau's American Community Survey (2009-2016 pooled one-year person level microdata files) and Survey of Income and Program Participation (2004/2008 combined panels)

TWIN CITIES METRO AREA OCCUPATIONS IN HIGH DEMAND BY EDUCATION LEVEL

HIGH SCHOOL OR EQUIVALENT		SOME COLLEGE OR ASSOC. DEGREE		BACHELOR'S DEGREE OR HIGHER	
Plumbers, Pipefitters, and Steamfitters	\$87,400	Registered Nurses	\$86,042	Software Developers, Applications	\$98,421
Sales Representatives, Wholesale and Manufacturing	\$68,458	Electricians	\$84,010	Information Security Analysts	\$97,650
Insurance Sales Agents	\$64,749	Police and Sheriff's Patrol Officers	\$80,857	Construction Managers	\$94,162
Supervisors of Office and Administrative Workers	\$62,990	Paralegals and Legal Assistants	\$57,472	Industrial Engineers	\$91,470
Bus and Truck Mechanics and Diesel Engine Specialists	\$55,577	Computer User Support Specialists	\$56,377	Financial Analysts	\$89,292
Heavy and Tractor-Trailer Truck Drivers	\$52,343	Machinists	\$54,619	Network and Computer Systems Administrators	\$87,367
Bookkeeping, Accounting, and Auditing Clerks	\$47,105	Industrial Engineering Technicians	\$53,574	Management Analysts	\$81,581
Medical Secretaries	\$45,019	Medical Records and Health Information Technicians	\$50,570	Market Research Analysts and Marketing Specialists	\$72,220
Customer Service Representatives	\$40,281	Automotive Service Technicians	\$42,879	Elementary School Teachers	\$71,129
Bus Drivers, School or Special Client	\$35,486	Nursing Assistants	\$36,729	Human Resources Specialists	\$63,999

Source: <http://mn.gov/deed/>

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/PLANT SCIENCES PATHWAY

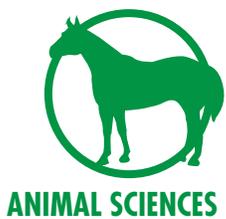
(U) Ranger University class

ANIMAL + PLANT SCIENCES

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<p>ANIMAL SCIENCES</p> <p>0300 – Animal Science (9-12)</p> <p>0306 – Companion Animal Science (9-12)</p> <p>0305 – Animal Health and Veterinary Science (11-12)</p> <p>0303 – CIS Animal Science (11-12) (U)</p> <p>0400 – Horse & Horsemanship (9-12)</p> <p>0205 – Fish & Wildlife Mgmt. (9-12)</p> <p>6618 – Human Anatomy and Physiology and/or CIS Physiology (12) (U)</p> <p>6715 – Organic Chemistry (11-12)</p>	<p>FFA</p> <p>Research Club</p> <p>Environmental Club</p> <p>Complete OSHA 10 Certification</p> <p>Attend field trips/tours</p> <p>Develop leadership skills through clubs, sports, work, service, etc.</p>
<p>0810 – Biotech in Agri-Science (11-12)</p> <p>0650 – Agricultural Economics (11-12)</p> <p>0001/0004 – Youth Leadership A/B (9-12)</p> <p>0800 – Agriculture Today (11-12)</p> <p>2413/2414 – Career Launch A/B (11-12)</p>	
<p>PLANT SCIENCES</p> <p>0504 – Greenhouse Technology (9-12) (U)</p> <p>0505 – Floral Design (9-12)</p> <p>0201 – Natural Resource Science (9-12)</p> <p>0502 – Landscape Design and Construction (9-12) (U)</p> <p>0501 – Plant Science - Concepts (10-12) (U)</p> <p>0200 – Alternative Energy (11-12)</p>	

Course requirements may vary. Check course catalog.

OCCUPATIONS (MN state data)



ANIMAL SCIENCES



PLANT SCIENCES

<p>VET TECHS MEDIAN SALARY</p> <p>\$37,710</p> <p>PROJECTED GROWTH: 22.3%</p> <p>EDUCATION Associate Degree</p>	<p>ZOOLOGISTS & WILDLIFE BIOLOGISTS MEDIAN SALARY</p> <p>\$60,555</p> <p>PROJECTED GROWTH: 5.9%</p> <p>EDUCATION Bachelor's Degree</p>	<p>LANDSCAPE ARCHITECTS MEDIAN SALARY</p> <p>\$74,254</p> <p>PROJECTED GROWTH: 8.6%</p> <p>EDUCATION Bachelor's Degree</p>	<p>FOOD SCIENTISTS MEDIAN SALARY</p> <p>\$78,992</p> <p>PROJECTED GROWTH: 5.4%</p> <p>EDUCATION Bachelor's Degree</p>	<p>VETERINARIANS MEDIAN SALARY</p> <p>\$92,326</p> <p>PROJECTED GROWTH: 20.7%</p> <p>EDUCATION Bachelor's Degree</p>
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<https://mn.gov/deed/data/data-tools/career-education-explorer/>
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

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

Course requirements may vary. Check course catalog.

OCCUPATIONS (MN state data)



NATURAL RESOURCES

<p>FOREST/ CONSERVATION TECHS MEDIAN SALARY</p> <p>\$45,240</p> <p>PROJECTED GROWTH: 5.7%</p> <p>EDUCATION Certificate</p>	<p>FORESTERS MEDIAN SALARY</p> <p>\$66,917</p> <p>PROJECTED GROWTH: 5.6%</p> <p>EDUCATION Bachelor's Degree</p>	<p>CONSERVATION SCIENTISTS MEDIAN SALARY</p> <p>\$68,503</p> <p>PROJECTED GROWTH: 6%</p> <p>EDUCATION Bachelor's Degree</p>	<p>ENVIRONMENTAL ENGINEERS MEDIAN SALARY</p> <p>\$89,145(us)</p> <p>PROJECTED GROWTH: 12.2%</p> <p>EDUCATION Bachelor's Degree</p>	<p>SOIL & PLANT SCIENTISTS MEDIAN SALARY</p> <p>\$67,173</p> <p>PROJECTED GROWTH: 14.3%</p> <p>EDUCATION Master's Degree</p>
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<https://mn.gov/deed/data/data-tools/career-education-explorer/>
 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

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<p>Band/Choir/Orchestra Courses through advanced levels per student interest</p> <p>1002 – Intro to Art (9-12) 1006 – Art Exploration (9-12) 1610 – Digital Imaging (9-12) 1110 – Drawing & Painting (9-12) 1320 – Drawing & Printmaking (9-12) 1410 – Related Arts (Mixed-media and Jewelry) (10-12) 1200 – Photography I (9-12) 4701/4702 – Yearbook A/B (11-12) 1550/1551 – Media & Technology Support Team A/B (10-12) Variety of English Electives World Language Electives 2413/2414 – Career Launch A/B (11-12)</p>	<p>Video Club</p> <p>Political Action Committee</p> <p>School play</p> <p>Speech</p> <p>Debate</p> <p>DECA</p> <p>FFA</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>COSMETOLOGISTS <small>MEDIAN SALARY</small></p> <p>\$27,986 PROJECTED GROWTH: 12%</p> <p>EDUCATION Certificate</p>	<p>GRAPHIC DESIGNERS <small>MEDIAN SALARY</small></p> <p>\$54,557 PROJECTED GROWTH: 4.3%</p> <p>EDUCATION Bachelor's Degree</p>	<p>FUNDRAISERS <small>MEDIAN SALARY</small></p> <p>\$60,024 PROJECTED GROWTH: 14.4%</p> <p>EDUCATION Bachelor's Degree</p>	<p>PUBLIC RELATIONS SPECIALISTS <small>MEDIAN SALARY</small></p> <p>\$61,425 PROJECTED GROWTH: 10%</p> <p>EDUCATION Bachelor's Degree</p>	<p>PRODUCERS & DIRECTORS <small>MEDIAN SALARY</small></p> <p>\$68,219 PROJECTED GROWTH: 9.1%</p> <p>EDUCATION Bachelor's Degree</p>
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<https://mn.gov/deed/data/data-tools/career-education-explorer/>



INFORMATION TECHNOLOGY

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

INFORMATION TECHNOLOGY PATHWAY

(U) Ranger University class

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<p>2022 – Web Design & Social Media Marketing (9-12)</p> <p>2040 – Business Information Systems (10-12) (U)</p> <p>2050 – Business Computer Applications (10-12) (U)</p> <p>1550/1551 – Media & Technology Support Team A/B (10-12)</p> <p>5430 – IT Explorations (9-12)</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>1610 – Digital Imaging (9-12)</p> <p>1620 – Advanced Digital Imaging (10-12)</p> <p>2413/2414 – Career Launch A/B (11-12)</p>	<p>Robotics Club</p> <p>Gaming Club</p> <p>Supermileage Challenge</p> <p>Develop leadership skills through clubs, sports, work, service, etc.</p> <p>Complete A+ Certificate</p> <p>Microsoft Office Systems Certification</p>

Course requirements may vary. Check course catalog.

OCCUPATIONS

(Twin Cities Metro Area Data from DEED)



<p>COMPUTER NETWORK SUPPORT SPECIALISTS</p> <p>MEDIAN SALARY</p> <p>\$60,647</p> <p>PROJECTED GROWTH: 10.8%</p> <p>EDUCATION</p> <p>Certificate</p>	<p>NETWORK & COMPUTER SYSTEMS ADMIN.</p> <p>MEDIAN SALARY</p> <p>\$87,367</p> <p>PROJECTED GROWTH: 4.3%</p> <p>EDUCATION</p> <p>Bachelor's Degree</p>	<p>COMPUTER SYSTEM ANALYSTS</p> <p>MEDIAN SALARY</p> <p>\$93,609</p> <p>PROJECTED GROWTH: 4.1%</p> <p>EDUCATION</p> <p>Bachelor's Degree</p>	<p>INFORMATION SECURITY ANALYSTS</p> <p>MEDIAN SALARY</p> <p>\$97,650</p> <p>PROJECTED GROWTH: 25.9%</p> <p>EDUCATION</p> <p>Bachelor's Degree</p>	<p>SOFTWARE/APP DEVELOPERS</p> <p>MEDIAN SALARY</p> <p>\$98,421</p> <p>PROJECTED GROWTH: 23.5%</p> <p>EDUCATION</p> <p>Bachelor's Degree</p>
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<https://mn.gov/deed/data/data-tools/career-education-explorer/>



ARCHITECTURE/CONSTRUCTION

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



ARCHITECTURE/CONSTRUCTION PATHWAY

(U) Ranger University class

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<p>3700 – Introduction to Computer Aided Drafting (9-12)</p> <p>3992 – Metals (9)</p> <p>3991 – Woodworking (9)</p> <p>3000 – Cabinetmaking I (10-12)</p> <p>3010 – Cabinetmaking II (10-12)</p> <p>3020 – Cabinetmaking III (10-12)</p> <p>3015 – Carpentry I (10-12)</p> <p>3025/3026 – Carpentry II A/B (11-12)</p> <p>3710 – Architecture I (10-12)</p> <p>3720 – Architecture II (10-12)</p> <p>3730 – Architecture III (10-12)</p> <p>3151 – Metals I (10-12) (U)</p> <p>3152 – Metals II (10-12) (U)</p> <p>3153 – Metals III (11-12)</p> <p>3300 – Electricity/Electronics I (9-12)</p> <p>3310 – Electricity/Electronics II (10-12)</p> <p>1110 – Drawing & Painting (9-12) and</p> <p>1120 – Advanced Drawing & Painting (10-12)</p> <p>1310 – Drawing & Printmaking (9-12) and</p> <p>1320 – Advanced Drawing & Printmaking (10-12)</p> <p>2413/2414 – Career Launch A/B (11-12)</p>	<p>Complete OSHA 10 certification</p> <p>Complete welding certificate</p> <p>Attend field trip/tours</p> <p>Develop leadership skills through clubs, sports, work, service, etc.</p>

Course requirements may vary. Check course catalog.

OCUPATIONS (Twin Cities Metro Area Data from DEED)



<p>PLUMBERS, PIPEFITTERS, & STEAMFITTERS MEDIAN SALARY</p> <p>\$74,599</p> <p>PROJECTED GROWTH: 13.1%</p> <p>EDUCATION Apprenticeship</p>	<p>CONSTRUCTION LABORERS MEDIAN SALARY</p> <p>\$62,411</p> <p>PROJECTED GROWTH: 10.9%</p> <p>EDUCATION Apprenticeship</p>	<p>HEATING & AIR CONDITIONING MECHANICS MEDIAN SALARY</p> <p>\$56,623</p> <p>PROJECTED GROWTH: 9.5%</p> <p>EDUCATION Certificate</p>	<p>ARCHITECTURAL & CIVIL DRAFTERS MEDIAN SALARY</p> <p>\$55,328</p> <p>PROJECTED GROWTH: 8.7%</p> <p>EDUCATION Associate's Degree</p>	<p>CONSTRUCTION MANAGERS MEDIAN SALARY</p> <p>\$94,162</p> <p>PROJECTED GROWTH: 9.3%</p> <p>EDUCATION Bachelor's Degree</p>
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<https://mn.gov/deed/data/data-tools/career-education-explorer/>



MANUFACTURING/AUTOMOTIVE

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

MANUFACTURING/AUTOMOTIVE PATHWAY

(U) Ranger University class

MANUFACTURING
+ AUTOMOTIVE

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<p>MANUFACTURING</p> <p>3700 – Introduction to Computer Aided Drafting (9-12)</p> <p>3991 – Metals 9 (9)</p> <p>3150 – Metals I (10-12) (U)</p> <p>3162 – Metals II (10-12) (U)</p> <p>3155 – Metals III (11-12)</p> <p>3800 – Engineering & Drafting I (10-12) (U)</p> <p>3810 – Engineering & Drafting II (10-12)</p> <p>3820 – Engineering Design (11-12)</p>	<p>Complete OSHA 10 Certificate</p> <p>Complete Welding Certificate</p> <p>Super Mileage Challenge</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)</p>	
<p>AUTOMOTIVE</p> <p>3500 – Power Mechanics I (10-12)</p> <p>3510 – Power Mechanics II (10-12)</p> <p>3521/3522 – Auto Technology A/B (11-12)</p>	

Course requirements may vary. Check course catalog.

OCCUPATIONS (Twin Cities Metro Area Data from DEED)



BUS, TRUCK,
DIESEL
MECHANICS
MEDIAN SALARY

\$55,577

PROJECTED
GROWTH:
7%

EDUCATION
High School
Diploma

AUTOMOTIVE
SERVICE TECH
& MECHANICS
MEDIAN SALARY

\$42,879

PROJECTED
GROWTH:
3.3%

EDUCATION
Certificate

MACHINISTS
MEDIAN SALARY

\$54,619

PROJECTED
GROWTH:
.7%

EDUCATION
Certificate

MECHANICAL
DRAFTER
MEDIAN SALARY

\$62,094

PROJECTED
GROWTH:
3.7%

EDUCATION
Associate's
Degree

SALES REP.,
WHOLESALE &
MANUFACTURING
MEDIAN SALARY

\$78,863

PROJECTED
GROWTH:
4.3%

EDUCATION
Bachelor's
Degree



<https://mn.gov/deed/data/data-tools/career-education-explorer/>



ENGINEERING/SCIENCE

- Engineering and Technology
- Science and Mathematics

ENGINEERING/SCIENCE PATHWAY

(U) Ranger University class

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<p>3700 – Introduction to Computer Aided Drafting (9-12)</p> <p>3991 – Metals 9 (9)</p> <p>3800 – Engineering & Drafting I (10-12) (U)</p> <p>3810 – Engineering & Drafting II (10-12)</p> <p>3820 – Engineering Design (11-12)</p> <p>3300 – Electricity/Electronics I (9-12)</p> <p>3310 – Electricity/Electronics II (10-12)</p> <p>3150 – Metals I (10-12) (U)</p> <p>3162 – Metals II (10-12) (U)</p> <p>3155 – Metals III (11-12)</p> <p>3500 – Power Mechanics I (10-12)</p> <p>3510 – Power Mechanics II (10-12)</p> <p>6907/6908/6909 – AP Physics A/B/C (9-12) (U)</p> <p>6910/6911 – AP Physics – Mechanics A/B (Calc based) (11-12) (U)</p> <p>5245/5246/5247 – Pre-Calculus A/B/C (10-12)</p> <p>5255/5256 – AP Calculus I – A/B (11-12) (U)</p> <p>5258/5258 – AP Calculus II – A/B and/or (U)</p> <p>5440/5441 – AP Computer Science Principles A/B (U) and/or</p> <p>5445/5446 – AP Computer Science A/B (11-12) (U)</p> <p>2413/2414 – Career Launch A/B (11-12)</p>	<p>Complete OSHA 10 Certificate</p> <p>Robotics Club</p> <p>Super Mileage</p> <p>Research Club</p> <p>Attend field trips/tours</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>OPERATIONS RESEARCH ANALYSTS MEDIAN SALARY</p> <p>\$85,889</p> <p>PROJECTED GROWTH: 23.1%</p> <p>EDUCATION Bachelor's Degree</p>	<p>MECHANICAL ENGINEERS MEDIAN SALARY</p> <p>\$87,876</p> <p>PROJECTED GROWTH: 6.8%</p> <p>EDUCATION Bachelor's Degree</p>	<p>CIVIL ENGINEERS MEDIAN SALARY</p> <p>\$91,415</p> <p>PROJECTED GROWTH: 12.5%</p> <p>EDUCATION Bachelor's Degree</p>	<p>ELECTRICAL ENGINEERS MEDIAN SALARY</p> <p>\$99,051</p> <p>PROJECTED GROWTH: 8.9%</p> <p>EDUCATION Bachelor's Degree</p>	<p>BIOMEDICAL ENGINEERS MEDIAN SALARY</p> <p>\$113,715</p> <p>PROJECTED GROWTH: 7.7%</p> <p>EDUCATION Bachelor's Degree</p>
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<https://mn.gov/deed/data/data-tools/career-education-explorer/>

HEALTH SCIENCE

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



HEALTH SCIENCE PATHWAY

(U) Ranger University class

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<p>2436 – Intro to Health Care (12) (U)</p> <p>2450 – Emergency Medical Responder (11-12) (U)</p> <p>2451/2452 – Emergency Medical Technician A/B (12) (U)</p> <p>6701/6702 – Chemistry A/B (10-11) and/or</p> <p>6712/6713/6714 – AP Chemistry A/B/C (10-12) (U)</p> <p>6715 – Organic Chemistry (11-12)</p> <p>6615/6616/6617 – AP Biology A/B/C (11-12) (U)</p> <p>6611 – Human Anatomy and Physiology (12) and/or</p> <p>6618/6619 – CIS Human Psychology A/B (12) (U)</p> <p>7306 – Psychology (10-12) and/or</p> <p>7316/7317 – AP Psychology A/B (11-12) (U)</p> <p>6118 – Cardio, Core and Conditioning (11-12) and/or</p> <p>6119 – Aerobic & Strength Training I (11-12)</p> <p>6129 – Aerobic & Strength Training II (11-12)</p> <p>World Language Electives</p> <p>2413/2414 – Career Launch A/B (11-12)</p>	<p>Take exam to become a registered nursing assistant, EMR, and/or EMT</p> <p>EMR/EMT (Opportunities in Emergency Care), HOSA's Club</p> <p>Research Club</p> <p>Work or volunteer in a medical setting (nursing homes, hospitals, etc.)</p> <p>Complete OSHA 10 Certification</p> <p>Attend field trips/tours</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>PHARMACY TECHNICIANS MEDIAN SALARY</p> <p>\$40,810</p> <p>PROJECTED GROWTH: 16.2%</p> <p>EDUCATION High School Diploma</p>	<p>REGISTERED NURSES MEDIAN SALARY</p> <p>\$86,042</p> <p>PROJECTED GROWTH: 12.8%</p> <p>EDUCATION Associate's Degree</p>	<p>MEDICAL & HEALTH SERVICE MANAGERS MEDIAN SALARY</p> <p>\$109,612</p> <p>PROJECTED GROWTH: 19.9%</p> <p>EDUCATION Bachelor's Degree</p>	<p>NURSE PRACTITIONERS MEDIAN SALARY</p> <p>\$117,579</p> <p>PROJECTED GROWTH: 30%</p> <p>EDUCATION Master's Degree</p>	<p>PHYSICAL THERAPISTS MEDIAN SALARY</p> <p>\$86,661</p> <p>PROJECTED GROWTH: 19.5%</p> <p>EDUCATION Doctoral Degree</p>
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<https://mn.gov/deed/data/data-tools/career-education-explorer/>



EDUCATION/HUMAN SERVICES

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



EDUCATION/HUMAN SERVICES PATHWAY

(U) Ranger University class

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<p>2805 – Family Dynamics (9-12) 2800 – Psychology of Childhood (10-12) 2811/2812 – Exploring Education A/B (11-12) (U) 7306 – Psych (10-12) and/or 7316/7317 – AP Psych A/B (11-12) (U) 7205 – Anthropology (10-12) and/or 7307 – Sociology (10-12) and/or 7300 – Contemporary Social Issues (11-12) World Language Electives *If you plan to be a content area teacher, take as many content area classes as possible</p>	<p>Equity Leaders Healthy Minds GSA Student Council National Honors Society Volunteer/Work with young people: coach a sport, church groups, childcare, etc. 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>MESSAGE THERAPISTS MEDIAN SALARY</p> <p>\$51,827 PROJECTED GROWTH: 30.8%</p> <p>EDUCATION Certificate</p>	<p>PRESCHOOL TEACHERS MEDIAN SALARY</p> <p>\$34,943 PROJECTED GROWTH: 21.4%</p> <p>EDUCATION Bachelor's Degree</p>	<p>SECONDARY SCHOOL TEACHERS MEDIAN SALARY</p> <p>\$70,007 PROJECTED GROWTH: 6.5%</p> <p>EDUCATION Bachelor's Degree</p>	<p>HEALTHCARE SOCIAL WORKERS MEDIAN SALARY</p> <p>\$62,285 PROJECTED GROWTH: 15%</p> <p>EDUCATION Master's Degree</p>	<p>CLINICAL, SCHOOL, COUNSELING PSYCHOLOGISTS MEDIAN SALARY</p> <p>\$91,107 PROJECTED GROWTH: 13.5%</p> <p>EDUCATION Professional Degree</p>
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<https://mn.gov/deed/data/data-tools/career-education-explorer/>



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

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
2300 – Business and Personal Law I (9-12) 2310 – Business and Personal Law II (9-12) 7206 – Political Science (10-12) 7300 – Contemporary Social Issues (11-12) 7207 – International Relations: Global Policy, Conflict, and Terrorism in the 21st Century (10-12) 7205 – Anthropology (10-12) and/or 7307 – Sociology (10-12) 7210 – CIS Microeconomics (11-12) (U) and/or 7215 – CIS Macroeconomics (11-12) (U) 7306 – Psych (10-12) and/or 7316/7317 – AP Psych A/B (11-12) (U)	Political Action Committee History Day Rotary Interact Debate Speech Student Council National Honors Society Develop leadership skills through clubs, sports, work, service, etc.

Course requirements may vary. Check course catalog.

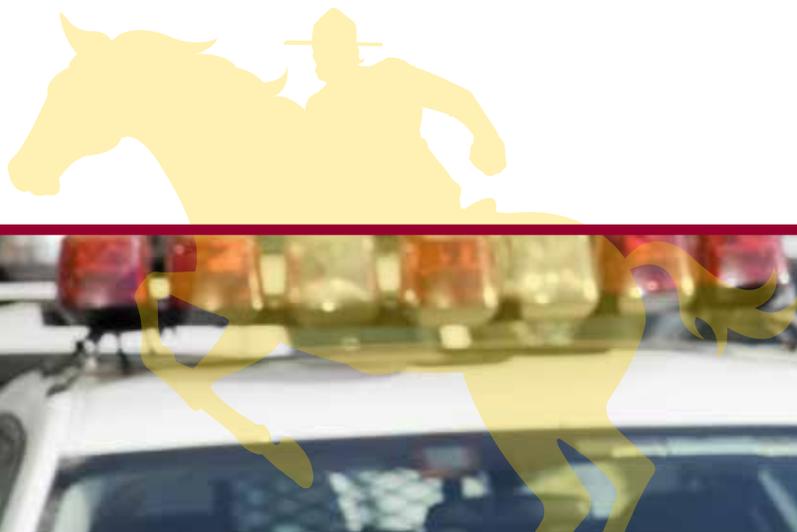
OCCUPATIONS

(Twin Cities Metro Area Data from DEED)



 <p>FIREFIGHTERS MEDIAN SALARY</p> <p>\$33,703 PROJECTED GROWTH: 8.1%</p> <p>EDUCATION High School Diploma</p>	<p>PARALEGALS AND LEGAL ASSISTANTS MEDIAN SALARY</p> <p>\$57,472 PROJECTED GROWTH: 15.9%</p> <p>EDUCATION Associate's Degree</p>	<p>POLICE & SHERIFF'S PATROL OFFICERS MEDIAN SALARY</p> <p>\$80,857 PROJECTED GROWTH: 9.2%</p> <p>EDUCATION Associate's Degree</p>	<p>SOCIAL & COMMUNITY SERVICE MANAGERS MEDIAN SALARY</p> <p>\$74,841 PROJECTED GROWTH: 13%</p> <p>EDUCATION Master's Degree</p>	<p>LAWYERS MEDIAN SALARY</p> <p>\$112,371 PROJECTED GROWTH: 11.8%</p> <p>EDUCATION Professional Degree</p>
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<https://mn.gov/deed/data/data-tools/career-education-explorer/>



BUSINESS, MANAGEMENT AND ADMINISTRATION

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



BUSINESS/MANAGEMENT/ADMINISTRATION PATHWAY

(U) Ranger University class

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<p>2300 – Business and Personal Law I (9-12) 2310 – Business and Personal Law II (9-12) 2317 – Hospitality and Tourism Mgmt (9-12) 2040 – Business Information Systems (10-12) (U) 2050 – Business Computer Applications (10-12) (U) 2220 – Principles of Marketing (10-12) (U) 2230 – College Introduction to Business (10-12) (U) 2240 – Human Relations in Business (10-12) (U) 2316 – Business Leadership (11-12) 7210 – CIS Micro (11-12) (U) & 7215 – CIS Macro (11-12) (U) 7306 – Psych (10-12) and/or 7316/7317 – AP Psych A/B (11-12) (U) 2413/2414 – Career Launch A/B (11-12)</p>	<p>Business Essentials Certificate</p> <p>Microsoft Office Specialist Certificate</p> <p>DECA</p> <p>Student Council</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>MEDICAL SECRETARIES MEDIAN SALARY</p> <p>\$45,019 PROJECTED GROWTH: 15%</p> <p>EDUCATION High School Diploma</p>	<p>BILLING & POSTING CLERKS MEDIAN SALARY</p> <p>\$45,466 PROJECTED GROWTH: 8.5%</p> <p>EDUCATION High School Diploma</p>	<p>HUMAN RESOURCES SPECIALISTS MEDIAN SALARY</p> <p>\$63,999 PROJECTED GROWTH: 6.6%</p> <p>EDUCATION Bachelor's Degree</p>	<p>MANAGEMENT ANALYSTS MEDIAN SALARY</p> <p>\$81,581 PROJECTED GROWTH: 12.4%</p> <p>EDUCATION Bachelor's Degree</p>	<p>MEDICAL/ HEALTH SERVICE MANAGERS MEDIAN SALARY</p> <p>\$109,612 PROJECTED GROWTH: 19.9%</p> <p>EDUCATION Bachelor's Degree</p>
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FINANCE/MARKETING

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

FINANCE/MARKETING PATHWAY

(U) Ranger University class

RECOMMENDED CAREER AND TECHNICAL COURSES	RECOMMENDED ACTIVITIES/ CREDENTIALS
<p>FINANCE</p> <p>2120 – Computerized Accounting/Accounting III (10-12) 2100 – Accounting I (9-12) 2110 – Accounting II (9-12) 2230 – College Introduction to Business (10-12) (U) 2040 – Business Information Systems (10-12) (U) 2050 – Business Computer Applications (10-12) (U) 2027 – Personal Money Management (11-12) or 2706 – Financial Skills for Life (11-12) 7210 – CIS Micro (11-12) (U) and/or 7215 – CIS Macro (11-12) (U) 2413/2414 – Career Launch A/B (11-12)</p>	<p>Business Essentials Certificate</p> <p>Microsoft Office Specialist Certificate</p> <p>Investment Club</p> <p>DECA</p> <p>Develop leadership skills through clubs, sports, work, service, etc.</p>
<p>MARKETING</p> <p>2022 – Web Design & Social Media Marketing (9-12) 2220 – Principles of Marketing (10-12) (U) 2317 – Hospitality and Tourism Mgmt (9-12) 2230 – College Introduction to Business (10-12) (U) 2240 – Human Relations in Business (10-12) (U) 2100 – Accounting I (9-12) 2040 – Business Information Systems (10-12) (U) 2050 – Business Computer Applications (10-12) (U) 2505 – Fashion Marketing and Design (10-12) 1610 – Digital Imaging (9-12) 1620 – Advanced Digital Imaging (10-12) 7306 – Psych (10-12) and/or 7316/7317 – AP Psych A/B (11-12) (U) 2413/2414 – Career Launch A/B (11-12)</p>	<p>Business Essentials Certificate</p> <p>Microsoft Office Specialist Certificate</p> <p>DECA</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>MEETING, & EVENT PLANNERS MEDIAN SALARY</p> <p>\$54,631</p> <p>PROJECTED GROWTH: 10.7%</p> <p>EDUCATION High School Diploma</p>	<p>ACCOUNTANTS & AUDITORS MEDIAN SALARY</p> <p>\$69,606</p> <p>PROJECTED GROWTH: 8.5%</p> <p>EDUCATION Bachelor's Degree</p>	<p>MARKET RESEARCH ANALYSTS MEDIAN SALARY</p> <p>\$72,220</p> <p>PROJECTED GROWTH: 7.7%</p> <p>EDUCATION Bachelor's Degree</p>	<p>FINANCIAL MANAGERS MEDIAN SALARY</p> <p>\$131,676</p> <p>PROJECTED GROWTH: 16.4%</p> <p>EDUCATION Bachelor's Degree</p>	<p>MARKETING MANAGERS MEDIAN SALARY</p> <p>\$137,986</p> <p>PROJECTED GROWTH: 8.8%</p> <p>EDUCATION Bachelor's Degree</p>
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<https://mn.gov/deed/data/data-tools/career-education-explorer/>

RANGER CONNECT



RANGER CONNECT 9

IDENTIFY CAREER FIELD OF INTEREST

Understand your interests, learning style, social emotional learning, and skills.

Identify career field(s) that align with your interests and skills.

Develop goals to support your career field.



RANGER CONNECT 10

IDENTIFY CAREER CLUSTER OF INTEREST

Consider future lifestyle goals.

Research career clusters within your career field of interest.

Analyze salary and demand for career cluster occupations.

Further develop skills and goals which support your intended career cluster.

RANGER CONNECT 11

IDENTIFY CAREER OF INTEREST

Research and understand your career goal through experiential learning opportunities such as job shadowing.

Understand and identify intended postsecondary path: apprenticeship, 2/4-year college, or military. Prepare for intended path.

RANGER CONNECT 12

IDENTIFY PROGRAM OF STUDY/TRAINING REQUIRED

Reassess decisions made through Ranger Connect 9-11.

Apply for intended path.

Analyze financial implications of your choices.

Finalize postsecondary plans.



FOR GUIDANCE:

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