



Wonewoc-Center High School Academic & Career Planning Guide **2022-2023**

Wonewoc-Center High School

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Mission Statement

The mission of the Wonewoc-Center staff is to guide students to be lifelong learners who believe, achieve, and succeed.

Non-Discrimination Statement

It is the policy of Wonewoc-Center School District that no person may be denied admission to school or be denied participation in, be denied the benefits of, or be discriminated against in any curricular, extracurricular, pupil services, recreational or other program, on the basis of sex, race, national origin, ancestry, creed, color, religion, pregnancy, marital or parental status, sexual orientation or physical, mental, emotional, or learning disability. If you feel that you have been discriminated against, you should contact the district administrator or principal.

Table of Contents

Mission Statement.....	2
Non-Discrimination Statement	2
Table of Contents.....	3
Vision of a Wonewoc-Center Graduate	4
We Support the Vision of Wonewoc-Center Graduates by:	5
Academic and Career Planning Process.....	6
College Admission Tests	7
College Level Work	8
Credentials.....	10
Credentials to Assist in College Admissions and Scholarship Eligibility.....	10
Service Related Credentials.....	10
Technical and Employment-Related Credentials	10
Grade Point Average.....	12
Grading Scale.....	12
Graduation – Exercises	12
Graduation – Participation	13
High School Classification.....	13
Scheduling Information.....	13
Student Course Load	14
Schedule Changes.....	14
Programs of Study	15
Post-secondary Planning	16
Agriculture, Food and Natural Resources	17
Architecture & Construction	19
Arts, A/V Technology & Communications.....	21
Business, Management & Administration.....	23
Education & Training.....	25
Finance.....	27
Government & Public Administration.....	29
Health Science.....	31
Hospitality & Tourism	33
Human Services.....	35
Information Technology.....	37
Law, Public Safety, Corrections, and Security.....	39
Manufacturing.....	41
Marketing	43
Transportation, Distribution, and Logistics.....	47

Vision of a Wonewoc-Center Graduate

All students will graduate “College and Career Ready” which means they will:

- Understand how their unique strengths and interests align to a wide variety of future opportunities
- Prepare and maintain a personal plan for goal attainment that provides flexibility based on individual experiences
- Develop a general understanding of how the problem-solving process has been applied to innovate, invent, design, and build products and systems in a variety of environments/industries
- Effectively be able to navigate both the world of higher education and employment to support a transition to adulthood
- Possess confidence in their level of mastery of the following in relation to their personal and career goals:

Knowledge:

- Core subject areas
- Global, civic, environmental, financial, health, media literacy
- Career
- Technical

Characteristics:

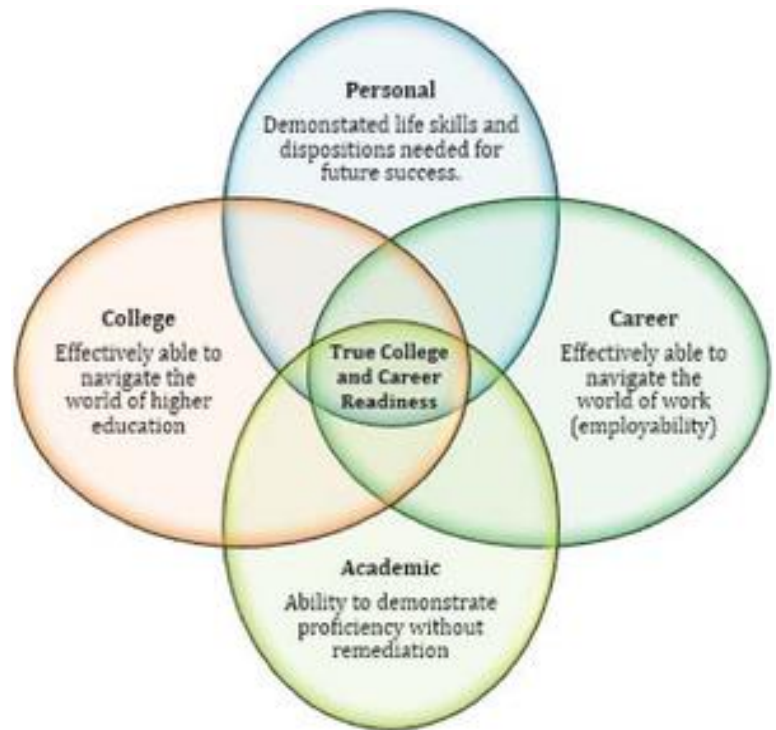
- Productive self-concept
- Effective self-management
- Effective organizational and social behavior
- Growth mindset (Creativity, innovation, perseverance)
- Values life-long learning

Skills:

- Academic
- Critical thinking, problems solving
- Proper access, analysis and application of information
- Proficient use of technology
- Ability to collaborate and effectively communicate
- Technical

We Support the Vision of Wonewoc-Center Graduates by:

- Providing developmentally appropriate opportunities to learn and demonstrate required/opportunities to learn and demonstrate
- Guiding all students through the academic and career planning process
- Supporting students as they strive to master required and desired coursework
- Encouraging active engagement in extra-curricular activities and career/service learning programs
- Collaborating with partners to provide exposure to a wide range of industries and careers
- Aligning curriculum to a variety of post-secondary opportunities



Academic and Career Planning Process

At each grade level, students will practice goal setting and planning by developing and/ or revising their personal Academic & Career Plan with direction from adult mentors (staff, counselors, parents). This is meant to be a gradual process that builds from one year to the next and supports the unique development of each student. It is not an all-inclusive list, however it serves as an overview of what students may anticipate. Student goals and plans are expected to change annually based on their personal experiences.

6th grade:

- Understand terms related to Academic and Career Planning
- Learn about Xello
- Take Career Matchmaker and Skills Inventory
- Take electives that are in area of interest

7th grade:

- Take Career Matchmaker and Skills Inventory
- Take electives that are in area of interest
- Take Learning Styles Inventory
- Understand how to set goals and make an action plan on how to reach it

8th grade:

- Take Career Matchmaker and Skills Inventory
- Take electives that are in area of interest
- Understand graduation requirements and what makes up a high school transcript
- Identify roles and responsibilities, skills and characteristics, education and training needed for identified careers
- Update Academic and Career Plan with current interests
- Meet with School Counselor to go over Academic and Career Plan

9th grade:

- Update Academic and Career Plan with current interests
- Take courses in the Program of Study that best suits career choice

10th grade:

- Update Academic and Career Plan with current interests
- Take courses in the Program of Study that best suits career choice

11th grade:

- Take College and Career Readiness and Personal Finance courses
- Understand how to evaluate post-secondary opportunities, do a college search, and locate and complete a college application
- Review assessment results and how they might impact post-secondary planning
- Understand financial implications for alternative post-secondary options along with resources available
- Early Math Placement Tool
- ACT

12th grade:

- Develop a financial plan to support post-secondary transition
- Transition Academic and Career Plan elements to ensure access after high school graduation
- Understand the labor market to make informed career and post-secondary choices

College Admission Tests

Which test is required? All colleges and universities, and some vocational schools, require prospective students to take the ACT or SAT test as part of their admission requirements. All UW-System schools prefer the ACT.

What is the best way to prepare for these tests? The most important prerequisite for success on college admissions tests is a solid, comprehensive educational plan. ACT data show that students who elect to take four or more years of English and three or more years of coursework in mathematics, science (including Chemistry) and social studies earn higher ACT scores. Students are also encouraged to take some time to do some test preparation and studying. There are several prep guides in the school counselor's office that may be checked out.

When should the tests be taken? The ACT is currently a state mandated test with all juniors in Wisconsin taking the test in early March at no cost to the student.

Students may be take the test more than once, however it is at the student's cost. Students receiving Free and Reduced price lunches may see the school counselor for a fee waiver.

What if I am going to a Technical College? The ACT may be sufficient for some Technical College Systems; however you should check your specific campus at www.wistechcolleges.org to see which test they require. If a test other than the ACT is required, students need to take that test **at the Technical College System in which they plan to attend**. There are fees to transfer scores between different Technical College Systems. Each system has different score requirements for each program. These can be found on the respective college websites. You may need to schedule an appointment ahead of time to take this test.

What is a Placement Test? University of Wisconsin Placement Tests are designed for the sole purpose of placing students into college level courses. The questions on the placement tests are specifically selected with this single purpose in mind. The tests are not intended to measure everything that is learned in high school. Neither are the tests designed to compare students from one high school with students from another or to measure success in college-level courses. These tests are intended as part of the information to be used by advisors for placing students into the most appropriate course in an introductory college-level sequence in English, French, German, mathematics, or Spanish.

To this end, the tests are designed only to measure enough of a student's achievement to provide an initial screen for course placement. The tests are not intended to be used as the sole piece of data for determining where students should be placed. The experienced teacher also will quickly realize, upon examining the objectives that are measured in the placement tests, that many skills which are taught in high school and which are necessary for success in college are not measured by the UW Placement Tests. Placement tests do not need to measure everything that is taught in high school in order to help place students into the most appropriate course.

College Level Work

The following programs are the most commonly used by students while exploring a post-secondary learning experience. They allow students to assess college and career readiness, gain a post-secondary admission credential, access appropriate rigor, explore to inform a post-secondary investment, and/or gain credits from a post-secondary institution.

	Advanced Placement (AP)	Dual Enrollment (Off-Site Concurrent Enrollment)
Description	AP courses provide exposure to college level coursework. Success on AP coursework is a good indication of college readiness.	The WI Youth Options program allows students to take college level coursework through a post-secondary institution. www.dpi.wi.gov/youthoptions
Location	Wonewoc-Center High School	At participating WI Colleges or online through UW Learning Extensions
Taught By	Wonewoc-Center Staff or Virtual Learning Network (Online)	College Professor
Requirements	Most AP courses have prerequisites. At Wonewoc-Center, students who enroll in the course are expected to prepare for and take the AP exam in May. AP courses are otherwise considered independent of the AP exam. Students are able to take AP exams without taking the course if they feel they can independently prepare for the exam.	Maximum of 18 credits allowed through Youth Options. Admission requirements are set by provider awarding credit. Must fill out an application by October 1 for second semester and March 1 for first semester. Junior or Senior Standing Course must not be offered in District.
Grades & Credit Opportunity	A student's grade is based on class performance. However, the ability for credit transfer is based on their score on the AP exam. Typically, scores of 3 or above (1-5 scale) are considered passing; however, some schools require a score of 4 or 5 for a direct credit transfer. AP Credits are considered 'credits in escrow' as they are not guaranteed nor are they 'transcripted' until a student is admitted to a post-secondary institution. Many AP courses will transfer as elective credit. To find schools that offer credit or placement see https://apstudent.collegeboard.org/creditandplacement/searchcreditpolicies Students receive AP exam scores in July.	Grades are earned through the college awarding credit and transferred to Skyward by your school counselor. You are officially admitted as a student to the post-secondary institution before starting the course. Credit transfer is at the sole discretion of your selected post-secondary institution. Please refer to available credit transfer wizards, available from the post-secondary institution for more information.
Cost	The AP Exams currently cost \$93. AP College Board dictates the cost each year. Families receiving Free and Reduced price lunch may receive a discount.	Transportation. School District pays for books and course credits if student passes. Student will need to pay if the student withdraws or fails the course.

	Transcripted Credit (TC)	WI Course Options
Description	<p>Transcripted credit (TC) is a type of concurrent enrollment; however, is most often used to describe concurrent enrollment within the WI Technical College System (WTCS). Regardless, all concurrent enrollment courses are “transcripted” in that students receive a formal transcript from the provider.</p> <p>Madison College course standards and grading exceptions will be followed in all of our TC courses.</p>	<p>The WI Course Options program allows students to take up to 2 high school or college level courses through an approved K-12 institution or post-secondary institution if there is extra room in the course. Students must apply to that institution 6 weeks prior to the start of the course.</p> <p>www.dpi.wi.gov/courseoptions</p>
Location	TC is provided when courses are taken at a WTCS college and for certain courses offered on site at Wonewoc-Center.	Courses are offsite at the educational institution or online.
Taught By	WTCS professor (Offsite) OR Wonewoc-Center teachers (Onsite) who have been certified by the WTCS.	Teacher or college professor, depending on the site
Requirements	Varies by course taken	<p>The courses must be aligned to a student’s Academic and Career Plan.</p> <p>The course(s) must be approved by the student’s resident district and the receiving educational institution.</p> <p>Students must meet the same criteria as other students in the receiving educational institution to take the course(s).</p>
Grades & Credit Opportunity	<p>Grades are earned through the college awarding credit.</p> <p>Taking any form of concurrent enrollment begins your official college transcript. In some cases, you apply prior to taking the course. In others, you apply for your credits following successful completion of the course.</p> <p>Credit transfer is at the sole discretion of your selected post-secondary institution. Please refer to available credit transfer wizards for more information.</p> <p>www.wisconsin.edu/transfer/wizards/</p>	<p>For post-secondary course options courses only:</p> <p>Grades are earned through the college awarding credit and transferred to Skyward by your school counselor.</p> <p>You are officially admitted as a student to the post-secondary institution before starting the course.</p> <p>Credit transfer is at the sole discretion of your selected post-secondary institution. Please refer to available post-secondary credit transfer wizards for more information.</p> <p>www.wisconsin.edu/transfer/wizards/</p>
Cost	None	<p>None, but supplies may need to be bought by the student for the course.</p> <p>Transportation is not supplied by the school district.</p>

Credentials

Having a comprehensive picture of what you have accomplished or what you plan to accomplish, both in and outside of school, is important to understanding you as a student and person. Credentials can provide documentation of things that you are good at, what is important to you, and what you may be preparing for in the future. They are used to indicate the completion of specific training or education programs, to verify successful completion of tests and exams, and to provide independent endorsement of an individual's possession of the knowledge, skills, and ability necessary to practice a particular occupation competently.

Credentials serve a variety of purposes. Students should make their school counselor aware of any credentials they earn, or have an interest in earning, and should be recorded in the student's Academic & Career Plan (ACP).

Credentials to Assist in College Admissions and Scholarship Eligibility

Students who plan to attend college after high school are encouraged to attain credentials that will help them build a competitive college application. The credentials you choose to pursue depend on the type of post-secondary education you want to pursue, along with your unique capabilities and interests.

Credentials for college admission or scholarship eligibility may include:

- Grade Point Average
- College entrance exam scores (ACT, PSAT/NMSQT, COMPASS)
- Honors/Awards aligned to stated areas of interest
- Success in college level coursework aligned to stated areas of interest
- AP Scholar Designation
- Honors Diploma

Service Related Credentials

Students who place value on giving back to their community and others in need often pursue service-related credentials. Examples of organizations that provide these opportunities are:

- FBLA
- FFA
- National Honor Society
- Student Council
- Community-based civic organization
- Service projects/roles in a student's church, school, or community

Technical and Employment-Related Credentials

Understanding how to navigate the world of work is one of the opportunities provided by Wonewoc-Center. We want every student to have the opportunity to graduate ready for employment regardless of post-secondary pursuits. This allows students to transition directly into a career, be eligible for work-study as part of their financial aid at a post-secondary institution, qualify for internships, etc. Work experiences also help students invest wisely in their post-secondary education.

Beginning in the 2014-15 school year, juniors began taking the ACT WorkKeys assessment to earn the National Career Readiness Certificate. More information on that certificate can be found at the following link: www.act.org/certificate/about.html.

In addition, students who can also work to attain one or more of the following credentials:

- The Wisconsin Employability Skills Certificate (awarded through the WI Department of Instruction) recognizes a student's mastery of employability skills valued by employers, to help students explore their career interests, and to provide a state credential of student mastery. Requires 90 on-the-job work hours.
- The Wisconsin Cooperative Education Skill Standards Certificate (awarded through the WI Department of Instruction) builds upon the scope of the Employability Skills Certificate to recognize students who have shown mastery of specific skill standards developed in partnership with industry, business, and educators to support a specific career interest and/or occupational area. Requires 480 hours of on-the-job work hours.
- The Wisconsin Youth Apprenticeship Certificate (awarded through the WI Department of Workforce Development) is similar in nature to the Wisconsin Cooperative Education Skills Standards Certificate. However, students must successfully complete a Youth Apprenticeship program to receive this certificate. The Wisconsin Common College Application does provide recognition for students who have successfully completed a Youth Apprenticeship program. Requires 450 hours of on-the-job work hours.
- Wonegoc-Center is working toward creating Academies within the high school. We are looking to start with Technical Education and Health Care. Stay tuned for further updates on this.
- Lastly, students can investigate which industry recognized credentials might be valuable for what they may want to do someday. Preparatory courses can be taken through Youth Options at Madison College or Western as well as through other providers to prepare for associated exams. These experiences can also help students get a deeper understanding of what skills may be required to be successful in a student's chosen career cluster to help confirm what they want to do, as well as what they don't want to do someday. For example:
 - Certified Nursing Assistant (CNA): Provides exposure to careers and develops advanced skills in Health Care

Grade Point Average

All credit is awarded at the grade period (quarter or semester) upon successful completion of the coursework.

Grade point averages (GPA's) include the grade period grades for all classes attempted. GPA's are calculated by first converting grades to their numerical values (see below). Finally, the sum of these grade values are divided by the total value of credit earned.

Grade values are:

	A	= 4.00	A-	= 3.67	
B+	= 3.33	B	= 3.00	B-	= 2.67
C+	= 2.33	C	= 2.00	C-	= 1.67
D+	= 1.33	D	= 1.00	D-	= 0.67
	F	= 0.00			

Class rank is based on a students' cumulative grade point average and is recalculated at the end of each semester (January and June). A student's GPA is determined by dividing total grade points by the number of credits attempted.

Grading Scale

In September of 2016, Wonewoc-Center adopted a new Grading Scale:

Letter Grade	Percent Range	Academic Achievement
A	95-100	Excellent
A-	92-94	Excellent
B+	89-91	Good
B	86-88	Good
B-	83-85	Good
C+	80-82	Satisfactory
C	77-79	Satisfactory
C-	74-76	Satisfactory
D+	71-73	Minimum Acceptable
D	68-70	Minimum Acceptable
D-	65-67	Minimum Acceptable
F	0-64	Failure to Achieve
I/Inc		Incomplete
P	<i>Not figured into GPA</i>	Pass/Acceptable Achievement

Graduation – Exercises

Graduation exercises shall be held each spring for the graduating class at Wonewoc-Center High School. Only those students who are enrolled in approved course work to meet credit requirements for graduation will be eligible to participate in the graduation exercise.

Students may have completed, or be enrolled in, no more than one correspondence course to be counted as part of the required credits needed for graduation, from the end of their junior year to the end of their senior year to be eligible to participate in graduation exercises for that school year. (*Board Policy 351*)

Graduation – Participation

Wonewoc-Center students not meeting all the necessary requirements needed for graduation will not be permitted to participate in the graduation ceremonies on graduation day.

(Board Policy 351.2)

High School Classification

Freshman	=	6.0 credits or less
Sophomore	=	6.5 credits but less than 12.5
Junior	=	13.0 credits but less than 19.0
Senior	=	19.5 credits or more

Wonewoc-Center High School students may advance chronologically without obtaining official class level status, however they are required to complete all graduation requirements and for some purposes may be referred to the classification in which they fall according to credits earned.

Scheduling Information

This Academic and Career Planning guide is intended to provide for you a broad array of options. As you plan your course sequence, please consider courses that will challenge you as well as enhance your opportunities beyond high school.

It is important when making course selections that you select courses carefully; your completed schedule is considered final. It is essential that parents and students put considerable thought into the selection of courses. We will establish the school schedule based on the course requests made during registration; we determine the number of teachers and sections of courses needed based on those requests. All course offerings are subject to student and teacher availability. Some classes offered may be cancelled because of low enrollment. Course changes later in the scheduling cycle are difficult to make and sometimes impossible.

Student will NOT be allowed to sign up for courses until they have a parent signature. **If a student does not have a parent signature by the deadline, they will have their courses assigned for them by the school counselor, in accordance with their Academic and Career Plan, transcript, graduation requirements, and the classes available at that time.** Course selections can NOT be guaranteed for students turning their Course Selection Contracts late.

Seniors: If you make a schedule change after you have applied to any colleges, it is **your** responsibility to notify them of the change as it may affect their acceptance/wait-list decision. Colleges have had to revoke student admissions based on schedule changes from time of acceptance to final transcript receipt.

Please read through the course descriptions and ask a teacher in that subject area if you want more information.

Student Course Load

Middle school students will have 7 credits per year.

High school students need of 7 credits per year. These can include credit earnings such as youth options, course options, apprenticeship, and other off campus courses as approved by the administration.

Please note that some course options may be accessed through a required recommendation by staff. Students will be notified when these recommendations are made and for which course(s) they will apply.

Schedule Changes

Students and parents are encouraged to carefully consider course selections prior to signing up and taking courses for the school year. If a student is considering a class change, the student and their parent should consider the impact this adjustment will have on their transcript.

Students who wish to drop a yearlong course at second semester must get the recommendation from the instructor and approval from Administration. The recommendation will only be provided if the instructor determines the student does not have the skills to be successful in the course. These decisions are not necessarily grade based, but will also take into account the effort and dedication on the part of the student to succeed in the course. All final decisions regarding dropping a course will be made by an administrator. If there are situations that arise outside of this school practice, please contact the school counselor to discuss options for support in the course(s) identified.

Programs of Study

What is a Program of Study?

Wonewoc-Center's Programs of Study are based on the national Programs of Study framework, which aligns high school and postsecondary education with the demands of the changing global economy. The information provided is customized to the Wonewoc-Center High School in alignment with the Vision of a Wonewoc-Center Graduate.

Programs of Study are designed to provide a context for purposeful conversations with counselors and staff as students develop and revise their Academic and Career Plan over time.

Career Clusters and Career Pathways within the Programs of Study

There are sixteen Career Clusters organized by a common theme or interest. Learning experiences from different Programs of Study often complement each other so it is important to review a variety of them. Career Clusters (for example, Health Science) are often refined further by career pathways (for example, Nursing) for those students who already know which career they plan to pursue. Students can get more information through their account on the Xello web site <https://login.xello.world/>.

Connecting Programs of Study to a Student's Academic and Career Plan

We expect every Academic and Career Plan to be as unique as each of our students. For example,

- Students passionate about pursuing a specific career can pursue opportunities aligned to a single Program of Study.
- Students can choose to blend portions of one Program of Study with another based on their skills and interests.
- Students who are unsure of their long term career interests can explore opportunities in many different Programs of Study that will help them better understand themselves and the skills and knowledge needed for different careers.
- Students may also choose a liberal arts approach to their education by focusing on the course sequences in each of the core subject areas along with coursework in the humanities, fine arts and world languages. This approach defers certain aspects of career exploration to a student's postsecondary education.
- All students are advised to select opportunities for rigor (college level coursework in academic and/or technical subjects) in their areas of strength and/or interest to ensure that they continue to develop their knowledge, skills and dispositions for success each and every year.

Coursework listed in the Programs of Study

Wonewoc-Center has listed some recommended courses and/or learning experiences on each of the Programs of Study pages to assist students in the Academic and Career Planning process. These experiences are specifically designed to provide exposure to, and help students build related skills for, the careers associated with that Program of Study.

Recommendations for related post-secondary coursework have also been provided for those up for an added challenge. Students can access an even wider variety of college level experiences through the youth/course options program.

Please note that the courses listed are broad recommendations only and are not intended to direct students away from other areas of interest. We have not included students' core academic courses needed for graduation in the Programs of Study.

The coursework students take, along with the level of rigor they choose to pursue, should be informed by student interests as well as the type of education students want to pursue after high school.

Post-secondary Planning

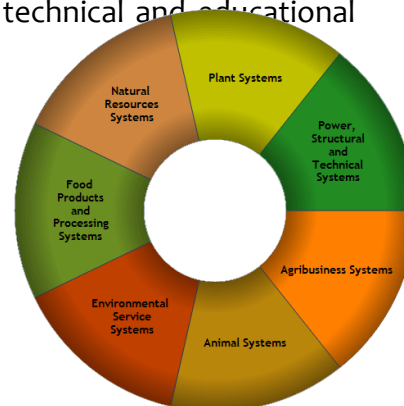
Students can utilize Wisconsin's Youth Options/Course Options program, courses that provide Transcribed Credit/Advanced Standing, and Advanced Placement coursework, as well as Career Experience and Service Learning credit, to begin some of their post-secondary education while still in High School.

Agriculture, Food and Natural Resources

This Program of Study prepares learners for careers in the planning, implementation, production, management, processing and/ or marketing of agricultural commodities and services. This includes food, fiber, wood products, natural resources, horticulture, and other plant and animal products. It also includes related professional, technical and educational services.

Pathways:

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



Suggested Learning Experiences

Middle School Electives	Academic and Career Planning, Agri-Science, Art, Computer Science, Technology and Engineering, Performing Arts (Band, Choir), World Language
High School Coursework <i>This coursework is directly aligned to this career cluster. It does not include required core coursework that is applicable to all programs.</i>	<p>English: AP English Literature and Composition</p> <p>Math: Pre-Calculus</p> <p>Science: Agriculture Biotechnology, Animal Science, General Horticulture, Anatomy & Physiology, Chemistry, Natural Resources, AP Biology, Wildlife Management, Physics, Wisconsin Nature Science and Life</p> <p>Social Studies: Introduction to Sociology, History of American Government</p> <p>World Language: Spanish 1, Spanish 2</p> <p>Agri-Science: Ag Mechanics, Crop and Soil Science, Agri-Business, Animal Science, General Horticulture, Golf Course & Landscape Design, Livestock Production, Small Animal Care</p> <p>Art: Intro to 2D Art, Intro to 3D Art</p> <p>Business: Intro to Business</p> <p>Life Skills: Family Living Skills, Leadership Development, Foods I</p> <p>Performing Arts: Band, Choir, Intro to Theatre</p> <p>Technology & Engineering: Ag Mechanics, Small Engines 1, Welding 1, Tour of the Trades</p>
Student Organizations	FFA, FBLA, Student Council, NHS
Enrichment	Job Shadows, Independent Study, Business Networking, Ag Teacher TA
Career Exploration	Xello: https://login.xello.world/
Career Experiences/ Work Based Learning	Youth Apprenticeship, Work Based Learning, Employability Skills Certificate
Service Based Learning	Community Service hours, State Youth Leadership Certificate
Community Outreach	United Cooperative, Allied Cooperative, Lime Ridge Ag, Hillsboro Equipment, Cattail Dairy, Scenic Bluffs Equipment, Blossoms & Bouquets, Land O' Lakes, Bardo Custom Blending, Dana Foods, Midor Ltd., Ocooch Dairy, Preston Sales & Service.

Agriculture, Food and Natural Resources

Career Types by Pathway

HIGH SCHOOL DIPLOMA ON-THE-JOB TRAINING	CERTIFICATE/LICENSE	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
AGRIBUSINESS SYSTEMS				
Farm and Ranch Workers	Farm Business Management Agriculture Contact Provider International Certificate	Agribusiness Management Agribusiness Operations Technology Agri-Communications Farm Business Management	Agribusiness Agriculture Education Agricultural Journalism Hospitality Restaurant and Tourism Management Professional Golf Management	Agricultural Economics Agriculture Leadership Education Statistics
ANIMAL SYSTEMS				
Animal Caretakers Feed Sales	Dairy Technician Artificial Inseminator Beef Quality Assurance Livestock Production Pork Quality Assurance	Animal Science Equine Industry Management Livestock Industry Management Swine Management Veterinary Technician	Animal Science Biochemistry Veterinary Science Veterinary Technologist	Animal Science (Nutrition, Genetics or Physiology Focus) Biochemistry Integrative Biomedical Sciences Veterinary Medicine
ENVIRONMENTAL SERVICE SYSTEMS				
Refuse and Recyclable Material Collection	DNR lab Certification Water and Waste Testing	Environmental Science Outdoor Recreation Lab Science Technology	Aquatic Ecology Conservation Biology Environmental Soil Science Environmental Studies Habitat Management Insect Science	Entomology Natural Resource Sciences Air Pollution Control Engineer
FOOD PRODUCTS & PROCESSING				
Butchers and Meat Cutters Meat Processing Slaughter and Meat Packer Wait Staff/Host(ess)	Dairy Products Technician Dietary Aide Food Sanitation Permit Quality Control Barista	Dietary Management Produce Management Nutrition Technician	Agriculture Inspector Food Scientist Nutritionist Product Development Food Science Teacher	Research and Development Animal Scientist Nutrition Dietician Food Science & Technology
NATURAL RESOURCE SYSTEMS				
Firefighter Forestry Aide	Christmas Tree Grower Brood Station Manager	Natural Resource Systems Soil and Water Conservation Wildlife Management Conservation Warden	Environmental Education Specialist Fish Hatchery Specialist Administrative Warden Zoology	Zoologist Natural Resource Sciences Horticulture & Forestry
PLANT SYSTEMS				
Nursery and Greenhouse Workers Seed Sales Tree Trimmers and Pruners Grounds Maintenance	Commercial Horticulture Community Gardener Integrated Pest Management Agronomy	Agronomy Research Assistant Horticulturist Greenhouse Management Golf Course Management	County Extension Agent Crop Nutrition Agronomist Agriculture Instructor Microbiology Hydrologist	Arborist Plant based Research Soil Fertility Specialist
POWER, STRUCTURAL & TECHNICAL SYSTEMS				
Electrician Apprentice Plumbing Apprentice Welding Apprentice	Equipment Technician Seed Analyst Agriculture Lab Technician	Heavy Equipment Mechanic Field Service Technician Research Technician Construction Equipment Technician	County Extension Agent Diesel Mechanic	Agricultural and Biological Systems Engineering Mechanized Systems Management

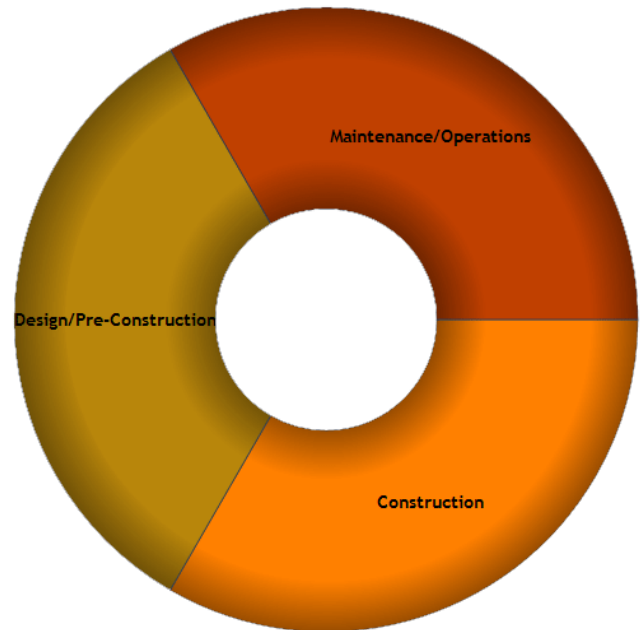
This is only a reference guide and may not include all possible career choices within this pathway.

Architecture & Construction

This Program of Study prepares learners for careers in architecture and construction range from designing, managing, planning, and building a structure, to maintaining the built environment.

Pathways:

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



Suggested Learning Experiences

Middle School Electives	Academic and Career Planning, Agri-Science, Art, Computer Science, Technology and Engineering, Performing Arts (Band, Choir), World Language
High School Coursework <i>This coursework is directly aligned to this career cluster. It does not include required core coursework that is applicable to all programs.</i>	English: AP English Literature & Composition Math: Pre-Calculus Science: Chemistry, Anatomy & Physiology Social Studies: History of American Government Business: Intro To Business, Marketing, Business Speech Art: Intro to 2D Art, 2D Art 2, 2D Art3, Intro to 3D Art, 3D Art 2, 3D Art 3 Technology & Engineering: Woodworking for Girls, Woodworking Technology, Tour of the Trades, Home Maintenance & Mechanical Systems World Language: Spanish 1, Spanish 2
Student Organizations	FFA, Student Council
Enrichment	Independent Study, Industry Tours, Job Shadow
Career Exploration	Xello: https://login.xello.world/
Career Experiences/ Work Based Learning	Career and Service Learning, State Employability Skills Certificate, Job Shadow
Service Based Learning	Community Service, State Youth Leadership Certificate
Community Outreach	Hartje, Johnson Control, Holtz

Architecture & Construction

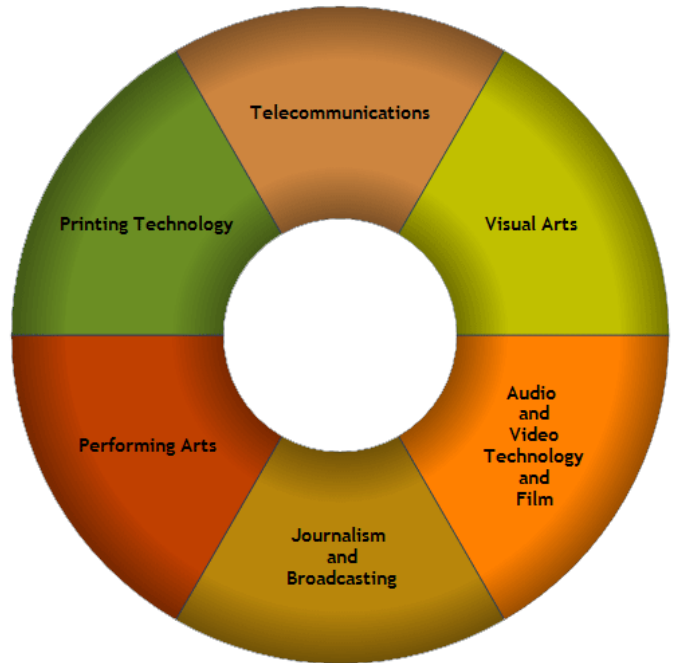
Career Types by Pathway

HIGH SCHOOL DIPLOMA ON-THE-JOB TRAINING	CERTIFICATE/LICENSE	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
CONSTRUCTION				
Carpentry Iron Working Masonry	Carpentry Construction Management Electrical and Power Transmission Iron Working	Carpentry Construction Management Electrical and Power Transmission Iron Working	Construction Management	Construction Management Construction Engineering
DESIGN AND PRE-CONSTRUCTION				
Survey Technician	Interior Design Survey Technician Surveyor	City Planner Survey Technician Surveyor	Architectural Engineering Technology Civil Engineering Technology Interior Design Landscape Architecture	Architectural Engineering Technology Civil Engineering Technology Environmental Design Interior Design Landscape Architecture
MAINTENANCE AND OPERATIONS				
Electrical/Electronics Equipment, Installation and Repair, Grounds-keeping Heating, Air Conditioning, and Refrigeration Technology Highway Worker	Electrical/Electronics Equipment, Installation and Repair Grounds-keeping Heating, Air Conditioning, and Refrigeration Technology Septic Services Pipe Fitter	Electrical/Electronics Equipment, Installation and Repair, Grounds-keeping Heating, Air Conditioning, and Refrigeration Technology	Industrial Engineering	

This is only a reference guide and may not include all possible career choices within this pathway.

Arts, A/V Technology & Communications

This Program of Study prepares learners for arts, audio/video technology and communications careers include designing, producing, exhibiting, performing, writing and publishing multimedia content. This field also involves the visual and performing arts, journalism and entertainment services.



Pathways:

- Telecommunications
- Printing Technology
- Performing Arts
- Journalism and Broadcasting
- Audio, Video, Technology and Film
- Visual Arts

Suggested Learning Experiences:

Middle School Electives	Academic and Career Planning, Agri-Science, Art, Computer Science, Technology and Engineering, Performing Arts (Band, Choir), World Language
High School Coursework <i>This coursework is directly aligned to this career cluster. It does not include required core coursework that is applicable to all programs.</i>	<p>English: AP English Literature and Composition</p> <p>Math: Pre-Calculus</p> <p>Science: Chemistry, General Horticulture</p> <p>Social Studies: History of American Government, Intro to Sociology, Intro to Psychology</p> <p>Agri-Science: Agri-Business, Golf Course & Landscape Design</p> <p>Art: Intro to 2D Art, 2D Art 2, 2D Art 3, Intro to 3D Art, 3D Art 2, 3D Art 3</p> <p>Business: Intro to Business, Business Speech</p> <p>Life Skills: Leadership Development, Family Living Skills</p> <p>Performing Arts: Band, Choir, Intro to Theatre</p> <p>Technology & Engineering: Welding I, Cabinetry and Furniture Making, Woodworking for Girls</p> <p>World Language: Spanish 1, Spanish 2, Spanish 3, Spanish 4</p>
Student Organizations	FFA, FBLA, Student Council, NHS
Enrichment	Job Shadows, Independent Study, Business Networking, Yearbook Staff, Spring Play, Musical, Forensics
Career Exploration	Xello: https://login.xello.world/
Career Experiences/ Work Based Learning	Youth Apprenticeship, Work Based Learning, Employability Skills Certificate
Service Based Learning	Community Service hours, Fine Arts Night
Community Outreach	Krueger Printing, Checkered Flag, Magnum Radio, Jim's Trailside Gallery

Arts, A/V Technology & Communications

Career Types by Pathway

HIGH SCHOOL DIPLOMA ON-THE-JOB TRAINING	CERTIFICATE/LICENSE	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
AUDIO & VIDEO TECHNOLOGY AND FILM				
Cameraman Audio Installer	Desktop Publisher Editor Artist Audio and Recording Technology Video Production	Audio and Recording Technology Electronics Communications Technology Film/Video Technology	Animation Director Audio Visual Specialist Photo Editor	Creative Services Director News Director Electronics Engineer Audio Engineer Broadcast Engineer
JOURNALISM & BROADCASTING				
Emcee News Reporter Radio Announcer DJ	Videographer News Anchor Communication Specialist	Creative Services Director Radio/TV Journalism Media/Communications	Advertising Broadcasting Journalism News-Editorial Visual Communication	Journalism Engineering Production Operations Director
PERFORMING ARTS				
Usher and Ticket Taker Movie Projectionist Singer/Songwriter	Dance Director Musical Instrument Repair Theatre Technology	Camera Operation Camera Director Set Designer Sound Engineering Theatre Technology	Arts Administration Dance Music Stage Management	Drama Professor
PRINTING TECHNOLOGY				
Book binder Graphic and Printing Equipment Operator	Desktop Publishing Digital Publishing Web Page Design Laser Engraver	Electronics Imaging and Graphics Graphic Design Media Arts Printing Technology Visual Publications	Computer Graphics Visual Communication and Design Industrial Design	
TELECOMMUNICATIONS				
Communications	Satellite Installer	Refurbish Technician	Network Administrator Operations Technology Electronics Engineer	Electronics Engineer Communications Technician
VISUAL ARTS				
Photograph Processing Worker	Commercial Art Digital Publishing Graphic Art Multimedia Photography	Graphic Design Interior Design Media Arts Visual Publications	Art History Fashion Design Studio Arts Visual Communications	Studio Arts Curator Art Professor

This is only a reference guide and may not include all possible career choices within this pathway.

Business, Management & Administration

Business management and administration careers encompass planning, organizing, directing and evaluating business functions that are essential to efficient and productive business operations. These career opportunities are available in every sector of the economy and require specific skills in organization, time management, customer service and communication.



Pathways:

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

Suggested Learning Experiences

Middle School Electives	Academic and Career Planning, Agri-Science, Art, Computer Science, Technology and Engineering, Performing Arts (Band, Choir), World Language
High School Coursework <i>This coursework is directly aligned to this career cluster. It does not include required core coursework that is applicable to all programs.</i>	English: AP English Literature & Composition Math: Pre-Calculus, Calculus Social Studies: History of American Government, Sociology Agri-Science: Agri-Business Business: Introduction to Business, Marketing, Business Speech Life Skills: Leadership Development World Language: Spanish 1, Spanish 2, Spanish 3, Spanish 4
Student Organizations	FBLA, FFA, Student Council, NHS
Enrichment	Job shadows, Independent study,
Career Exploration	Xello: https://login.xello.world/
Career Experiences/ Work Based Learning	Youth Apprenticeship, Work-Based Learning, State Employability Skills Certificate, Job Shadow, Madison College Pitch Competition
Service Based Learning	Service Learning, State Youth Leadership Certificate
Community Outreach	Madison College, WCCU, Farmers State Bank

Business, Management & Administration

Career Types by Pathway

HIGH SCHOOL DIPLOMA ON-THE-JOB TRAINING	CERTIFICATE/LICENSE	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
ADMINISTRATIVE SERVICES				
Administrative Assistant Computer Operator Customer Service Data Entry Specialist	Court Reporting Information Processing Legal or Medical Information Technology Office Administration	Court Reporting Information Processing Legal or Medical Information Technology Office Administration	Information Systems Information Technology Management	Health Care Administration, Clinical Research Administration
BUSINESS INFORMATION MANAGEMENT				
Office Assistant	Business Administration Information Technology Office Technology	Business Administration Information Technology Office Technology	Business Administration Information Systems Information Technology Management	Business Administration Information Technology
HUMAN RESOURCES MANAGEMENT				
Human Resources Clerk, Employment, Recruitment, and Placement Specialist	Business Administration, Human Resources Manager, Compensation and Benefits Manager	Business Administration, Compensation and Benefits Manager	Human Resources Management, Training and Development Specialist	Radio/Broadcasting Teacher Professional Communications Teacher Business Administration Training and Development Specialist
MANAGEMENT				
Human Resources Clerk	Business Administration	Business Administration	Business Administration Entrepreneurship Marketing Finance Hospital Management International Business, Chief Executive Officer (CEO)	Business Administration Management, Chief Executive Officer (CEO)
OPERATIONS MANAGEMENT				
Office Assistant	Business Administration Retail Management	Agribusiness, Business Administration, Network & Computer Systems Administrators, Budget Analysts	Business Administration Marketing Operations, Computer and Information Systems Management Regulatory Affairs Manager Network & Computer Systems Administrators	Business Administration, Regulatory Affairs Specialist

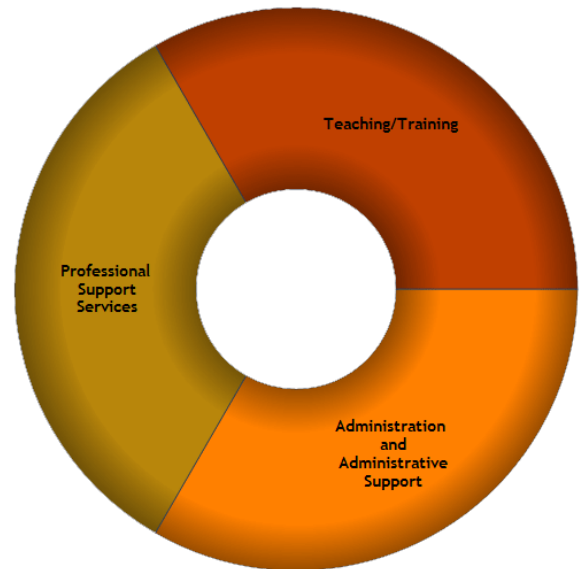
This is only a reference guide and may not include all possible career choices within this pathway.

Education & Training

This Program of Study prepares learners for careers in planning, managing and providing education and training services, and related learning support services such as administration, teaching/training, administrative support, and professional support services.

Pathways:

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



Suggested Learning Experiences

Middle School Electives	Academic and Career Planning, Agri-Science, Art, Computer Science, Technology and Engineering, Performing Arts (Band, Choir), World Language
High School Coursework <i>This coursework is directly aligned to this career cluster. It does not include required core coursework that is applicable to all programs.</i>	<p>English: AP English Literature & Composition</p> <p>Math: Pre-Calculus, Calculus</p> <p>Science: Chemistry, Physics</p> <p>Social Studies: Introduction to Psychology, Introduction to Sociology</p> <p>Business: Business Speech</p> <p>Life Skills: Introduction to Teaching, Family Living Skills, Leadership Development</p> <p>Performing Arts: Band, Choir</p> <p>World Language: Spanish 1, Spanish 2, Spanish 3, Spanish 4</p>
Student Organizations	Drama Club, FFA, FBLA, Forensics, NHS, Performing Arts, Spanish Club, Student Council
Enrichment	Independent Study, Job Shadow, Teaching Assistant, Extended coursework in specific area of teaching interest (<i>Agri-Science, Art, Social Studies, etc.</i>)
Career Exploration	Xello: https://login.xello.world/
Career Experiences/ Work Based Learning	Job Shadow, Teaching Assistant, BASE Buddy, Summer School Helper
Service Based Learning	Community Service hours, State Youth Leadership Certificate
Community Outreach	Wonewoc-Center School District, Juneau County Human Services, Sauk County Human Services

Education & Training

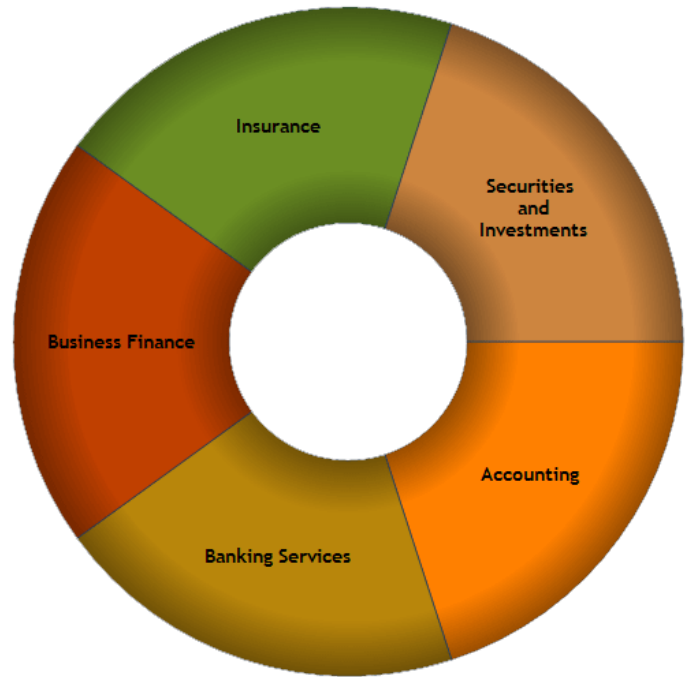
Career Types by Pathway

HIGH SCHOOL DIPLOMA ON-THE-JOB TRAINING	CERTIFICATE/LICENSE	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
ADMINISTRATION AND ADMINISTRATIVE ASSISTANT				
			School Business Management Training & Development Manager	Educational Administration Educational Studies Business Administration Administration & Supervision
PROFESSIONAL SUPPORT SERVICES				
	Personal Trainer	Library Technical Assistant	Speech-Language Pathology Social Work Information Science & Technology Special Education & Communication Disorders	Educational Psychology Human Services Instructional Technician School Psychology School Counseling Social Work
TEACHING/TRAINING				
Child Care Worker Coach of Community-based Sports League	Early Childhood Education Assistant Coaching	Early Childhood Education Sign Language Interpreting Education Paraprofessional	Early Childhood Education Elementary Education Middle Level Education Secondary Education Special Education Athletic Trainer Varsity Coach Community Health Care	Curriculum and Instruction Education Teaching, Curriculum and Learning Leadership Education Leadership Studies Professional Development

This is only a reference guide and may not include all possible career choices within this pathway.

Finance

People working in finance are involved in developing services for financial and investment planning, banking, insurance and business financial management. Career opportunities are available in every sector of the economy and require specific skills in organization, time management, customer service and communication.



Pathways:

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

Suggested Learning Experiences

Middle School Electives	Academic and Career Planning, Agri-Science, Art, Computer Science, Technology and Engineering, Performing Arts (Band, Choir), World Language
High School Coursework <i>This coursework is directly aligned to this career cluster. It does not include required core coursework that is applicable to all programs.</i>	English: AP English Literature & Composition Math: Pre-Calculus, Calculus Business: Introduction to Business, Business Speech, Marketing Life Skills: Leadership Development World Language: Spanish 1, Spanish 2, Spanish 3, Spanish 4
Student Organizations	FBLA, FFA, Student Council, NHS
Enrichment	Job shadows, Independent study
Career Exploration	Xello: https://login.xello.world/
Career Experiences/ Work Based Learning	Youth Apprenticeship, State Employability Skills Certificate, Job Shadow, Badger Boys/Girls State
Service Based Learning	Service Learning, State Youth Leadership Certificate
Community Outreach	Farmers State Bank, Westby Co-op Credit Union

Finance

Career Types by Pathway

HIGH SCHOOL DIPLOMA ON-THE-JOB TRAINING	CERTIFICATE/LICENSE	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
ACCOUNTING				
Accounting Clerk Bookkeeping Clerk	Business Administration	Business Administration Secretary	Accountant	Certified Public Accountant (CPA)
BANKING SERVICES				
Bank Teller Commodity Banker Loan Officer Personal Financial Advisor	Personal Financial Advisor	Business Administration, Loan Officer	Banking and Finance Business Administration Auditor Loan Officer	Banking and Finance Business Administration
BUSINESS FINANCE				
Office Assistant Credit Analysts	Credit Analysts Financial Examiner	Business Administration International Business Trade and Finance Credit Analysts	Business Administration Economics Chief Financial Officer (CFO) Economist Financial Examiner	Accounting and Finance, Chief Financial Officer (CFO) Economist
INSURANCE				
Customer Service Agent Processing Clerk	Tax Preparation	Business Administration Property and Casualty	Mathematics Statistics	Actuarial Science
SECURITIES AND INVESTMENTS				
Payroll Clerk	Certified Financial Analyst Certified Financial Planner	Agribusiness Business Administration Court Reporting Information Technology Office Administration Office Technology Commodities & Financial Service Sales Agents	Accounting Business Administration Finance Investment Underwriter Securities, Commodities & Financial Service Sales Agents	Business Management Chief Financial Officer (CFO) Economist

This is only a reference guide and may not include all possible career choices within this pathway.

Government & Public Administration

This Program of Study prepares learners for careers in government and public administration careers execute governmental functions including governance, national security, foreign service, planning, revenue and taxation, regulation, and management and administration at the local, state and federal levels.

Pathways:

- Foreign Services
- Governance
- National Security
- Planning
- Public Management and Administration
- Regulation
- Revenue and Taxation



Suggested Learning Experiences

Middle School Electives	Academic and Career Planning, Agri-Science, Art, Computer Science, Technology and Engineering, Performing Arts (Band, Choir), World Language
High School Coursework <i>This coursework is directly aligned to this career cluster. It does not include required core coursework that is applicable to all programs.</i>	English: AP English Literature & Composition Math: Pre-Calculus, Calculus Science: Chemistry, Physics Social Studies: Introduction to Psychology, Introduction to Sociology, Twentieth Century US History, AP US History Business: Introduction to Business, Marketing, Business Speech Life Skills: Leadership & Personal Development Performing Arts: Band, Choir World Language: Spanish 1, Spanish 2
Student Organizations	FFA, FBLA, Student Council, NHS
Enrichment	Independent Study, Job Shadow, Teaching Assistant, Badger Boys/Girls State
Career Exploration	Xello: https://login.xello.world/
Career Experiences/ Work Based Learning	Job Shadow, Military, Badger Boys/Girls State
Service Based Learning	Community Service hours, State Youth Leadership Certificate
Community Outreach	Village of Wonewoc, Wonewoc Post Office, Local Recruiters, Geier Homar & Roy

Government & Public Administration

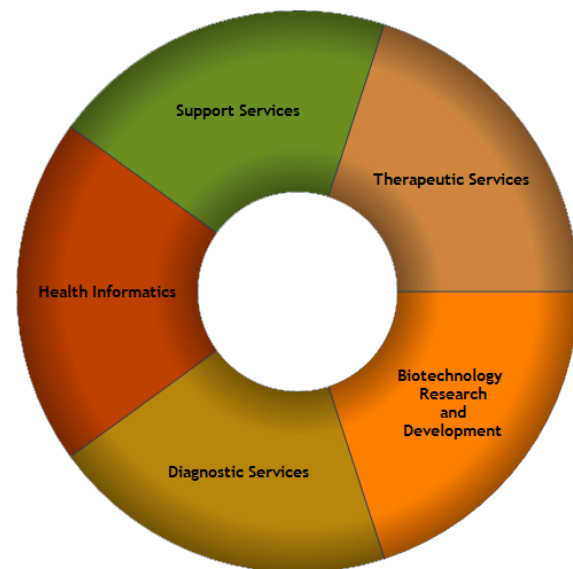
Career Types by Pathway

HIGH SCHOOL DIPLOMA ON-THE-JOB TRAINING	CERTIFICATE/LICENSE	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
FOREIGN SERVICE				
		Interpreter	International Studies Sociology Geography & History International Business Economics Statistics	Survey, Research, & Methodology Sociology Economics Statistics Political Science Education
GOVERNANCE				
Eligibility Interviewer Post Master Surveying Technician	Mapping Technician		Political Science Geography Economics Statistics Chief Executive Administrative Services Storage & Distribution Transportation Manager	Political Science Education Geography Economics Statistics Research & Methodology
NATIONAL SECURITY				
Infantry Military	Criminal Justice	Criminal Justice	Military Science Psychology Electrical or Computer Engineering Foreign Language	Survey, Research, & Methodology
PLANNING				
Survey Technician		Mapping Technician	Economics Geography Engineering	Community & Regional Planning Economics Architecture Geography
PUBLIC MANAGEMENT AND ADMINISTRATION				
Court Clerk Post Master License Clerk Municipal Clerk Mail Carrier Postal Clerk Mail Sorter	Accounting Business Management Human Resource Management	Accounting Business Management Human Resource Management	Actuarial Science Management Business Administration Economics Statistics	Public Administration Survey, Research, & Methodology Actuarial Science Management Economics Statistics
REGULATION				
Licensing Examiner & Inspector Meter Reader Parking Enforcement	Post-Secondary Certificate	Accounting Finance	Food Science & Technology International Business Economics Statistics Building Inspector	Survey, Research, & Methodology Food Science & Technology Economics Statistics Coroner Sociologist
REVENUE AND TAXATION				
Tax Examiner Tax Assessor Tax Preparer			Accounting Auditor Actuarial Science Statistics Finance	Accounting Economics Family Financial Planner Finance Actuarial Science

This is only a reference guide and may not include all possible career choices within this pathway.

Health Science

The Health Science Program of Study (POS) connects individuals to a large variety of health care areas that is characterized by diversity and changing technologies. This Program of Study allows students to investigate and observe a large variety of health care areas. Health Science careers include planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development. There are obvious connections between Health Science and other programs of study (please see those in parentheses below for possible opportunities). Pathways in this Program of Study include:



Pathways:

- Biotechnology Research & Development (Agriculture, Food, and Natural Resources; STEM)
- Diagnostic Services (Information Technology/Computing)
- Health Informatics (Business, Management, Administration; Law, Public Safety, Corrections, and Security; STEM)
- Support Services (Human Services; STEM)
- Therapeutic Services (Human Services; STEM)

Suggested Learning Experiences

Middle School Electives	Academic and Career Planning, Agri-Science, Art, Computer Science, Technology and Engineering, Performing Arts (Band, Choir), World Language
High School Coursework <i>This coursework is directly aligned to this career cluster. It does not include required core coursework that is applicable to all programs.</i>	English: AP English Literature & Composition Math: Pre-Calculus, Calculus Science: Chemistry, Physics, AP Biology, Anatomy & Physiology Social Studies: Introduction to Psychology, Introduction to Sociology, Twentieth Century US History, AP US History Business: Business Speech Life Skills: Family Living Skills, Leadership Development World Language: Spanish 1, Spanish 2 Other: Health Careers, Certified Nursing Assistant, Medical Terminology
Student Organizations	FFA, FBLA, NHS, Student Council
Enrichment	Independent Study, Job Shadow
Career Exploration	Xello: https://login.xello.world/
Career Experiences/ Work Based Learning	Job Shadow, School-to-Work
Service Based Learning	Community Service hours, State Youth Leadership Certificate
Community Outreach	Gunderson St. Joseph, Mile Bluff, Reedsburg Area Medical Center, Karas Dental, WELL(S)ness Massage

Health Science

Career Types by Pathway

HIGH SCHOOL DIPLOMA ON-THE-JOB TRAINING	CERTIFICATE/LICENSE	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
BIOTECHNOLOGY RESEARCH AND DEVELOPMENT				
	Quality Assurance Technician Quality Control Technician	Clinical Laboratory Medical Laboratory Technician (CLT) Nuclear Medical Technician	Biochemistry Immunology Medical Technology Microbiology/ Neuroscience Biological Technician Chemical Data Manager	Anatomy Biochemistry Oncology Biology Virology Epidemiology Pharmacists
DIAGNOSTIC SERVICES				
Clinical Rotation Ophthalmic Medical Technician (Eye Care)	Electrocardiograph Technician Nuclear Medical Technology Radiology Technologist Emergency Medical Technician (EMT) Surgery Technician	Cardiovascular Technician Medical Laboratory Assistant Nuclear Medical Technician MRI Technician	Biology Medical Imaging Technology Medical Laboratory Science Nutrition Cytogenetic Technician	Cardiovascular Technician Diagnostic Radiology Nuclear Medicine Coroner Speech/Language Pathologist Family Practitioner
HEALTH INFORMATICS				
Coding Experience Data Entry Community Service	Health Records Technician Medical Assistant Medical Librarian Medical Transcription	Health Information Technology Medical Coding Medical Office Services	Community Health Health Care Administration Health Education	Health Care Administration Library Science Nursing Administration Public Health
SUPPORT SERVICES				
Central Services Assistant Dietary Manager Electrical/Electronic Equipment Repair	Dietary Management Electrical/Electronic Equipment Repair Medical Office Management	Dietary Management Medical Office Management Registered Dietetic Technician	Biomedical Technician Environmental Health & Safety Prosthetic Therapies	Environmental Health Sciences Industrial/Operations Engineering Public Health
THERAPEUTIC SERVICES				
Clinical Rotation Dental Assisting Health Aide Medical Assistant	Certified Nurse's Aide Dental Assisting Licensed Practical Nurse Massage Therapy	Dental Hygiene Licensed Practical Nursing Pre-Medicine Surgical Technician	Athletic Training/Exercise Science Dietetics Pre-Medicine Recreational Therapy	Clinical Nutrition Dentistry Medicine Nurse Anesthetist Pharmaceutical Services

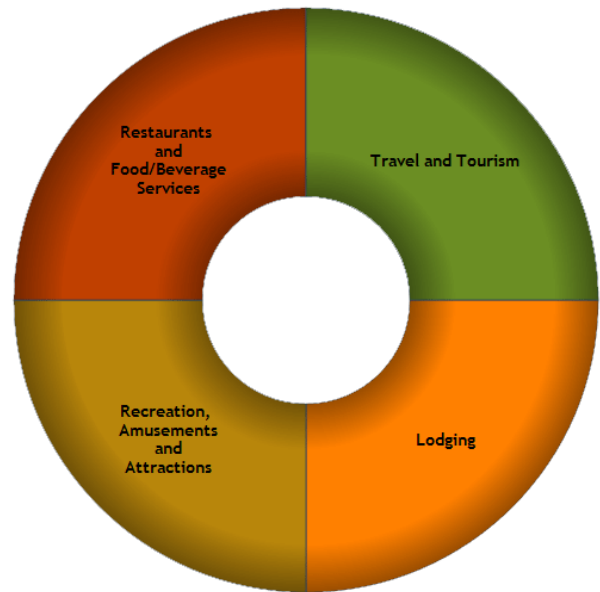
This is only a reference guide and may not include all possible career choices within this pathway.

Hospitality & Tourism

This Program of Study prepares learners for careers in hospitality and tourism which encompasses the management, marketing and operations of restaurants and other facilities and services including lodging, attractions, recreation events and travel-related services.

Pathways:

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



Suggested Learning Experiences:

Middle School Electives	Academic and Career Planning, Agri-Science, Art, Computer Science, Technology and Engineering, Performing Arts (Band, Choir), World Language
High School Coursework <i>This coursework is directly aligned to this career cluster. It does not include required core coursework that is applicable to all programs.</i>	<p>English: AP English Literature and Composition</p> <p>Math: Pre-Calculus, Calculus</p> <p>Science: Chemistry, Natural Resources, Wisconsin-Nature, Science and Life</p> <p>Social Studies: History of American Government, Intro to Psychology, Intro to Sociology</p> <p>Agri-Science: Wildlife Management, Agri-Business, Golf Course & Landscape Design</p> <p>Art: Intro to 2D Art, Intro to 3D Art</p> <p>Business: Intro to Business, Marketing, Business Speech</p> <p>Life Skills: Family Living Skills, Leadership Development, Independent Living, International Foods, Foods I</p> <p>Performing Arts: Band, Choir, Intro to Theatre</p> <p>Technology & Engineering: Tour of the Trades, Transportation Distribution & Logistics.</p> <p>World Language: Spanish 1, Spanish 2, Spanish 3, Spanish 4</p>
Student Organizations	NHS, FFA, FBLA, Student Council, Art Club, Drama Club
Enrichment	Job Shadows, Independent Study, Business Networking
Career Exploration	Xello: https://login.xello.world/
Career Experiences/ Work Based Learning	Youth Apprenticeship, Work Based Learning, Employability Skills Certificate
Service Based Learning	Community Service hours, State Youth Leadership Certificate
Community Outreach	Hillsboro Hotel/Beezer's, Mt. Olympus, Wisconsin Dells Chamber of Commerce

Hospitality & Tourism

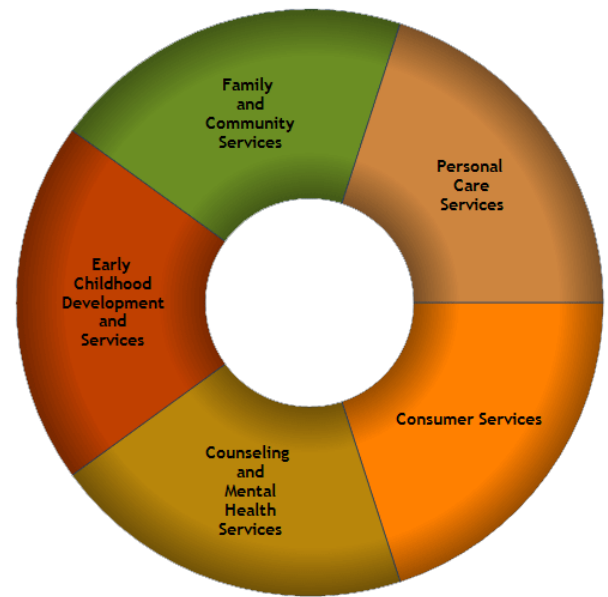
Career Types by Pathway

HIGH SCHOOL DIPLOMA ON-THE-JOB TRAINING	CERTIFICATE/LICENSE	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
LODGING				
Bell Captain Concierge Front Desk Clerk Custodian	Valet Hotel Management Director of Office	Hotel Management Resort Manager	Resort Manager Business Administration Lodging Management Sales & Marketing	
RECREATION, AMUSEMENTS & ATTRACTIONS				
Museums/Zoo/Aquarium Casino Dealer	Referee Recreation Specialist Umpire	Casino Manager Activity Director	Recreation, Fitness and Leisure studies Sports & Fitness Management	Business Administration
RESTAURANT AND FOOD/BEVERAGE SERVICES				
Cook Dishwasher Wait Staff	Culinary Arts Dietary Management Food Services and Hospitality	Banquet Manager Head Chef Catering Manager Food Service Director	Food Service Management Administration Travel and Tourism Hospitality Management	Restaurant/Food Service Administration
TRAVEL AND TOURISM				
Event Planner Ticket Agent Tour Guide Travel Agent	Museum Educator	Events Manager Interpreter	Operations Management Marketing	Business Administration

This is only a reference guide and may not include all possible career choices within this pathway.

Human Services

This Program of Study prepares individuals for employment in career pathways related to families and human needs. This includes preparing individuals for employment in career pathways that relate to families and human needs such as counseling and mental health services, family and community services, personal care, and consumer services.



Pathways:

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

Suggested Learning Experiences

Middle School Electives	Academic and Career Planning, Agri-Science, Art, Computer Science, Technology and Engineering, Performing Arts (Band, Choir), World Language
High School Coursework <i>This coursework is directly aligned to this career cluster. It does not include required core coursework that is applicable to all programs.</i>	English: AP English Literature & Composition Math: Pre-Calculus, Calculus Science: Chemistry, Physics Social Studies: Introduction to Psychology, Introduction to Sociology, Twentieth Century US History, AP US History Business: Business Speech Life Skills: Leadership Development Performing Arts: Band, Choir World Language: Spanish 1, Spanish 2
Student Organizations	FFA, FBLA, NHS, Student Council
Enrichment	Independent Study, Job Shadow
Career Exploration	Xello: https://login.xello.world/
Career Experiences/ Work Based Learning	Job Shadow, State Employability Skills Certificate
Service Based Learning	Service Learning
Community Outreach	Juneau or Sauk County Human Services, Thompson or Picha Funeral Home, Hair Care Center

Human Services

Career Types by Pathway

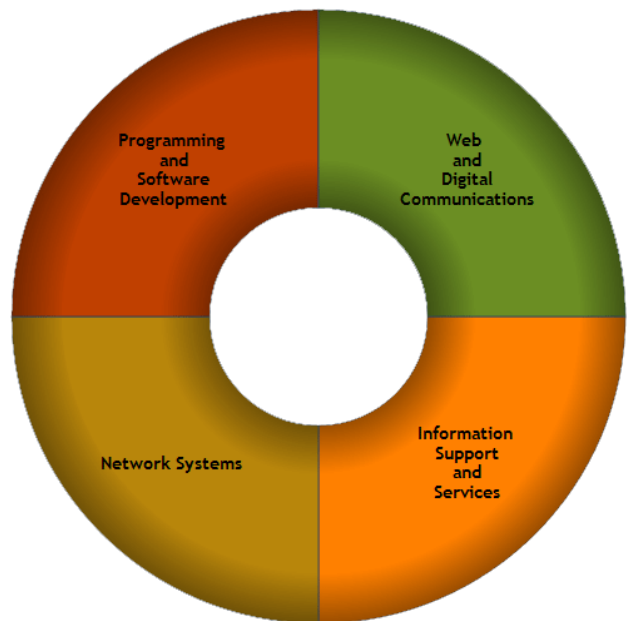
HIGH SCHOOL DIPLOMA ON-THE-JOB TRAINING	CERTIFICATE/LICENSE	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
CONSUMER SERVICES				
Call Center Customer Service Representative Loan Counselor	Certified Financial Planner Wellness Credit Counselor Real Estate Interpreter		Family Science Family Financial Management Human Services Business Administration Sales Manager Personal Finance Advisor Marketing Manager Equal Opportunity Representative Market Research Analyst	Family Science Human Services Business Administration Farm & Home Management Sociologist
COUNSELING & MENTAL HEALTH SERVICE				
		Human Services Chemical Dependency Counselor	Human Services Psychology Social Work Human & Social Services Administration Clergy	Marriage & Family Therapy Psychology Social Work Community Counseling Art Therapy Mental Health Social Work School Counselor Clinical Psychologist School Psychologist Counseling Psychologist Industrial/Organizing Psychologist
EARLY CHILDHOOD DEVELOPMENT & SERVICES				
Child Care Worker Nanny	Licensed Child Care	Early Childhood Education	Family Science Special Education and Communication Disorders Educational Administration for Pre- School and Child Care Center	Child Development Early Childhood Education Special Education and Communication Disorders Art Therapist
FAMILY & COMMUNITY SERVICES				
Government Program Eligibility Interviewer	Para-educator Family Life Specialist Spirituality Biblical Studies Interpreter	Human Services Theology Gerontology	Human Services Psychology Nutrition, Fitness and Health Promotion Gerontology Family Science Social Work Clergy Health Educator Probation Officer Community Health	Family Science Psychology Social Work Human Services Marriage & Family Therapist
PERSONAL CARE SERVICES				
Costume Attendant Funeral Attendant Personal & Home Care Aide Tailor/Dressmaker	Barber Cosmetologist Nail Technology Esthetics Massage Therapy	Mortuary Science Cosmetology Embalmer Nursing Assistant	Pre-Mortuary Science	

This is only a reference guide and may not include all possible career choices within this pathway.

Information Technology

Information Technology entry level, technical and professional careers relate to the design, development, support and management of hardware, software, multi-media and systems integration services.

The Information Technology/Computing Program of Study (POS) involves the design, development, support and management of hardware, software, multimedia and systems integration services. In addition to careers in the IT industry, IT careers are available in every sector of the economy – from Financial Services to Medical Services, Business to Engineering and Environmental Services. Anyone preparing for an IT career should have a solid grounding in math and science. There are obvious connections between Information Technology and other program of study.



Pathways:

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

Suggested Learning Experiences

Middle School Electives	Academic and Career Planning, Agri-Science, Art, Computer Science, Technology and Engineering, Performing Arts (Band, Choir), World Language
High School Coursework <i>This coursework is directly aligned to this career cluster. It does not include required core coursework that is applicable to all programs.</i>	English: AP English Literature & Composition Math: Pre-calculus, Calculus Science: Physics Business: Introduction to Business, Marketing Life Skills: Leadership Development World Language: Spanish 1, Spanish 2
Student Organizations	FBLA, Student Council
Enrichment	Job shadows, Independent study
Career Exploration	Xello: https://login.xello.world/
Career Experiences/ Work Based Learning	Youth Apprenticeship, State Employability Skills Certificate, Job Shadow
Service Based Learning	Service Learning, State Youth Leadership Certificate
Community Outreach	Computer Connections of Reedsburg, Wolter Computers, Gray's Computer Services

Information Technology

Career Types by Pathway

HIGH SCHOOL DIPLOMA ON-THE-JOB TRAINING	CERTIFICATE/LICENSE	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
INFORMATION SUPPORT AND SERVICES				
Help Desk Assistant	Electronic Technology Information Technology Microsoft Certified Database Administrator Microsoft Office Specialist Oracle Certified Professional	Helpdesk/Microcomputer Support, Information Technology, Computer Information, Systems Database Supports, Technical Support	Computer Information, Systems Management, Information Systems, Mass Communication/Media Studies, Web/Multimedia Management	Computer Information Systems, Computer Science Management, Information Systems
NETWORK SYSTEMS				
Network Technician	Cisco Training, Electronics Technology, Information Technology, Microsoft Certified Systems, Engineer Certification, ComTIA Network+ Certification	Computer and Information Sciences, Computer Technology, Electronics Technology, Information Technology, Networking Technology	Computer Science, Computer Engineering Computer Systems Analysis, Management Information Systems, Telecommunication Management	Computer Science, Computer Engineering, Information Technology, Telecommunications Engineering
PROGRAMMING AND SOFTWARE DEVELOPMENT				
Programmer	Information Technology, Computer Programming, Vendor/Product Certification, Multi-media Artists & Animators	Computer Programming, Computer Programming Technology, Computer Technology, Information Technology, Multi-media Artists & Animators, Systems Analyst	Computer Information Systems, Computer Programming, Computer Software Engineering, Computer Science, Management Info Systems	Computer Programming Computer Science Information Resources Management, Information Technology System Administration,
WEB AND DIGITAL COMMUNICATIONS				
Web Designer	Animation, Information Technology Multimedia, Certified Professional Webmaster, CompTIA I-Net+ Certification	Electronic Imaging, Information Technology Interactive Media, Media Arts, Web Development and Support, Graphic Designer	Commercial Art, Computer and Information Sciences, Design and Visual Communication, Multimedia Communication	Computer Science, Computer and Information Sciences, Design and Visual Communication, Multimedia Management

This is only a reference guide and may not include all possible career choices within this pathway.

Law, Public Safety, Corrections, and Security

This Program of Study prepares learners for careers in planning, managing and providing legal, public safety and protective services and homeland security are some of the functions of law, public safety, corrections, and security careers. This field includes professional and technical support services.

Pathways:

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



Suggested Learning Experiences

Middle School Electives	Academic and Career Planning, Agri-Science, Art, Computer Science, Technology and Engineering, Performing Arts (Band, Choir), World Language
High School Coursework <i>This coursework is directly aligned to this career cluster. It does not include required core coursework that is applicable to all programs.</i>	English: AP Literature & Composition Math: AP Statistics, Trigonometry Science: Chemistry, Anatomy & Physiology, Forensic Science Social Studies: History of American Government, AP US History, Business: Intro to Business, Business Speech Physical Education: Fitness Management World Language: Spanish 1, Spanish 2, Spanish 3, Spanish 4
Student Organizations	FBLA, Student Council
Enrichment	Independent Study, Job Shadow
Career Exploration	Xello: https://login.xello.world/
Career Experiences/ Work Based Learning	Career and Service Learning, State Employability Skills Certificate, Job Shadow
Service Based Learning	Community Service, State Youth Leadership Certificate
Community Outreach	Local Law Enforcement Agencies, Jefferson Law Office, Wisconsin Department of Corrections

Law, Public Safety, Corrections, and Security

Career Types by Pathway

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CORRECTION SERVICES				
Correctional Officer Security Officer	Criminal Justice	Criminal Justice Corrections Option Parole Option Probations Option	Human Services Criminal Justice Social Work Pre-law	Law and Legal Services Criminal Justice
EMERGENCY AND FIRE MANAGEMENT SERVICES				
Police, Fire, and Ambulance Dispatch Volunteer Fire Fighting	Emergency Medical Technician (EMT) Basic/Intermediate/ Paramedic Emergency Management Fire Science Technician HAZ-Mat Technician	Emergency Medical Technician (EMT) Fire Protection Fire Science Technician	Emergency Medical Services	
LAW ENFORCEMENT SERVICES				
Animal Control Parking Enforcement Police Secretary	Criminal Justice Fire Inspector	Criminal Justice Law Enforcement Patrol Officer	Criminal Justice Forensic Science Technician Law Enforcement Patrol Officer	Criminal Justice College Law Enforcement Educator Administrative Law Judge Judges/Magistrate
LEGAL SERVICES				
Court Reporter Bailiff	Paralegal Studies Court Reporter	Administrative Assistant-Legal Paralegal/Legal Assistant Criminal Justice Court Emphasis Transit Police	Paralegal Studies Pre-Law/Legal Studies Criminal Justice	Law and Legal Studies Criminal Justice
SECURITY AND PROTECTIVE SERVICES				
School Crossing Guard Gaming Surveillance and Investigation Loss Prevention	Lifeguard Private Investigator	Criminal Justice- Law Enforcement	Criminal Justice Law and Legal Studies	Criminal Justice Intelligence Analyst

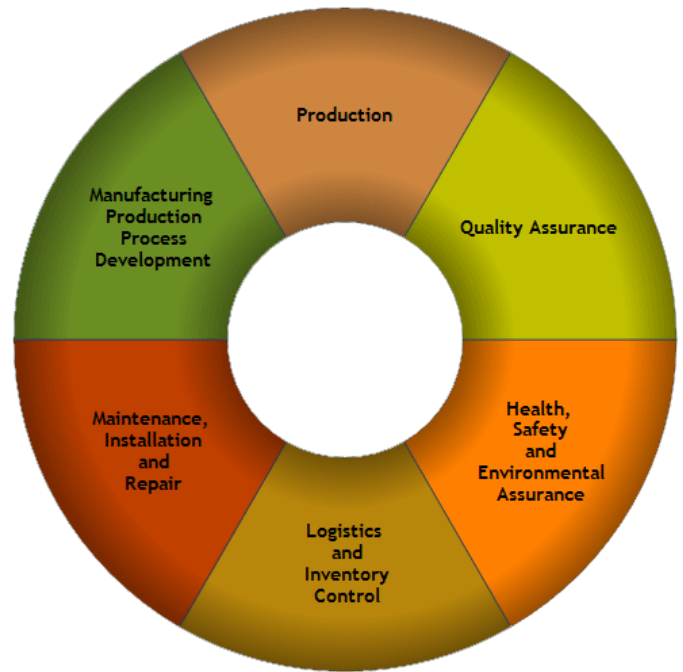
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Manufacturing

This Program of Study prepares learners for careers in manufacturing involve planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance, and manufacturing/process engineering.

Pathways:

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



Suggested Learning Experiences

Middle School Electives	Academic and Career Planning, Agri-Science, Art, Computer Science, Technology and Engineering, Performing Arts (Band, Choir), World Language
High School Coursework <i>This coursework is directly aligned to this career cluster. It does not include required core coursework that is applicable to all programs.</i>	<p>English: AP English Literature & Composition</p> <p>Math: Calculus</p> <p>Science: Chemistry, Anatomy & Physiology</p> <p>Social Studies: History of American Government</p> <p>Business: Intro To Business</p> <p>Technology & Engineering: Welding 1, Welding 2, Woodworking for Girls, Woodworking Technology, Cabinet and Furniture Making, Automotive Technology, Small Engines 1, Small Engines 2, Tour Of The Trades, Ag Mechanics</p> <p>World Language: Spanish 1, Spanish 2</p>
Student Organizations	FBLA, Student Council
Enrichment	Independent Study, Industry Tours, Job Shadow
Career Exploration	Xello: https://login.xello.world/
Career Experiences/ Work Based Learning	Career and Service Learning, State Employability Skills Certificate, Job Shadow
Service Based Learning	Community Service, State Youth Leadership Certificate
Community Outreach	Brunner Manufacturing, Walkers Stainless, Addison Machine, Hartje

Manufacturing

Career Types by Pathway

HIGH SCHOOL DIPLOMA ON-THE-JOB TRAINING	CERTIFICATE/LICENSE	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
HEALTH, SAFETY AND ENVIRONMENTAL ASSURANCE				
	Occupational Safety and Health	Environmental Engineering Technology Environmental Studies Occupational Safety and Health	Environmental Engineering Environmental Studies Occupational Safety and Health	Environmental Biology Environmental Studies Occupational Safety and Health
LOGISTICS AND INVENTORY CONTROL				
Heavy Equipment Operation Industrial Truck and Truck Operation Material Handling	Truck Driving	Logistics, Materials Management Industrial Truck, Tractor Logistics and Operations	Logistics, Materials Management Industrial Truck, Tractor Logistics, Distribution, and Operations	Logistics and Materials Management
MAINTENANCE, INSTALLATION AND REPAIR				
Business Machine Technician Custodial Services Electronics Technology Boilermakers	Computer Installation and Repair Electronics Technology Industrial Mechanics	Diesel Technician Manufacturing Technician Mechanical Engineering Technician Industrial Technician	Biomedical Technician Manufacturing Technician Mechanical Engineering Technology	Photonics Technician
MANUFACTURING PRODUCTION PROCESS DEVELOPMENT				
Construction Trades Masonry Worker	Construction Trades Masonry Worker	Architectural Engineering Technician Automotive Engineering Technician Drafting and Design Technician	Architectural Engineering Civil Engineering Computer Engineering	Architecture and Civil Engineering Construction Management and Inspection Transportation and Highway Engineering
PRODUCTION				
Iron Working Precision Production Upholstering and Leather Working Woodworking	Iron Working Precision Production Upholstering and Leather Working Welding	Building Construction Electrical and Electronics Engineering Technology Iron Working	Computational Mathematics Electrical and Electronics Engineering Technology Operations Management	Computational Mathematics Operations Management
QUALITY ASSURANCE				
Ophthalmic Laboratory Technician	Quality Control Technology Chemical Technician	Occupational Safety and Health Quality Control Technology	Occupational Safety and Health Quality Control Technology	Occupational Safety and Health Chemical Technician

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Marketing

This Program of Study prepares learners for careers in planning, managing and performing marketing activities to reach organizational objectives. These include areas such as brand management, professional sales, merchandising, marketing communications and market research.

Pathways:

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



Suggested Learning Experiences

Middle School Electives	Academic and Career Planning, Agri-Science, Art, Computer Science, Technology and Engineering, Performing Arts (Band, Choir), World Language
High School Coursework <i>This coursework is directly aligned to this career cluster. It does not include required core coursework that is applicable to all programs.</i>	English: AP English Composition Math: Pre-Calculus, Calculus World Language: Spanish 1-2 Business: Marketing, Intro to Business, Business Speech Life Skills: Leadership Development
Student Organizations	FBLA, FFA, Student Council, NHS, Art Club
Enrichment	Job shadows, Independent study, Madison College Pitch Competition
Career Exploration	Xello: https://login.xello.world/
Career Experiences/ Work Based Learning	Youth Apprenticeship, State Employability Skills Certificate, Job Shadow, Badger Boys/Girls State
Service Based Learning	Service Learning, State Youth Leadership Certificate
Community Outreach	Reedsburg Times Press, Vernon Graphics & Promotions, Magnum Media, LK Design Studio

Marketing

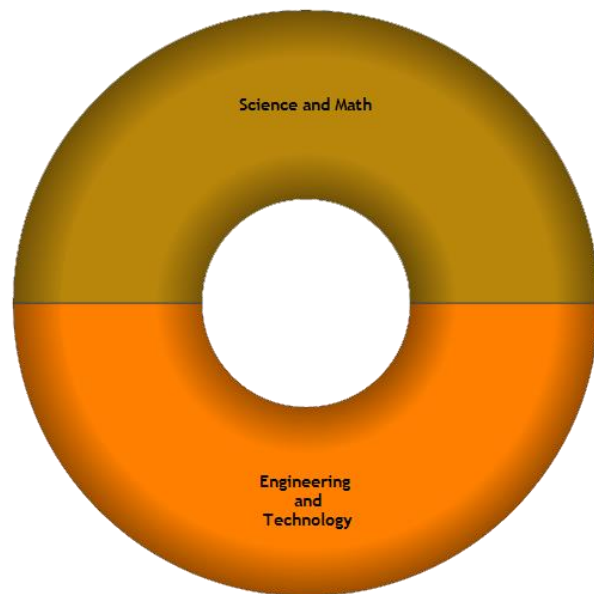
Career Types by Pathway

HIGH SCHOOL DIPLOMA ON-THE-JOB TRAINING	CERTIFICATE/LICENSE	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
MARKETING COMMUNICATIONS				
Sales Representative	Practitioners, Public Relations, Public Relations Society of America	Business, Marketing, Small Business Management	Business Administration, Communication Management, Marketing, Public Relations	Master of Business Administration, Master of Marketing, Sports Marketing Executive
MARKETING MANAGEMENT				
Industry and Trade Association Programs Conferences Seminars		Business Administration, Entrepreneurship, Management, Marketing, Sports Marketing Small Business	Business Administration, Management, Marketing Executive, Sports Marketing Executive	Master of Business Administration Master of Marketing, Marketing Executive, Sports Marketing Executive
MARKETING RESEARCH				
Sales Representative	Product Vendors, Professional and Technical Organizations, Software Firms	Business Advertising and Promotional Manager, Marketing	Business Economics, Advertising and Promotional Manager, Information Science, Information Systems Management, Marketing Management	Master of Business Administration Master of Marketing
MERCHANDISING				
Sales Manager, Customer Service		Business Administration, Business Marketing Manager, Sales Manager, Customer Service, Small Business Management	Business Administration Management, Marketing Manager, Small Business Management	Master of Business Administration
PROFESSIONAL SELLING				
Sales Representative	Sales Management	Business, Business Administration, Customer Service, Marketing, Retail Management, Sales, Small Business Management	Business Administration, Management, Marketing	Master of Business Administration Master of Marketing

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Science, Technology, Engineering and Math (STEM)

This Program of Study prepares learners for the fields of science, technology, engineering and mathematics involve planning, managing and providing scientific research and professional and technical services (such as physical science, social science and engineering). These may include laboratory and testing services, as well as research and development.



Pathways:

- Science and Math
- Engineering and Technology

Suggested Learning Experiences:

Middle School Electives	Academic and Career Planning, Agri-Science, Art, Computer Science, Technology and Engineering, Performing Arts (Band, Choir), World Language
High School Coursework <i>This coursework is directly aligned to this career cluster. It does not include required core coursework that is applicable to all programs.</i>	<p>English: AP English Literature and Composition</p> <p>Math: Pre-Calculus, Calculus</p> <p>Science: *Agriculture Biotechnology, *Animal Science, *General Horticulture, Anatomy & Physiology, Chemistry, Natural Resources, AP Biology, Forensic Science</p> <p>Social Studies: History of American Government, Intro to Sociology, Intro to Psychology</p> <p>World Language: Spanish 1, Spanish 2, Spanish 3, Spanish 4</p> <p>Agri-Science: Crop and Soil Science, Agri-Business, Animal Science, Golf Course & Landscape Design</p> <p>Art: Intro to 2D Art, Intro to 3D Art</p> <p>Business: Intro to Business, Business Speech</p> <p>Life Skills: Leadership Development</p> <p>Performing Arts: Band, Choir, Intro to Theatre</p> <p>Technology & Engineering: Welding 1, Welding 2, Automotive Tech, Tour of the Trades</p>
Student Organizations	FFA, FBLA, Student Council, NHS
Enrichment	Job Shadows, Independent Study, Business Networking
Career Exploration	Xello: https://login.xello.world/
Career Experiences/ Work Based Learning	Youth Apprenticeship, Work Based Learning, Employability Skills Certificate
Service Based Learning	Community Service hours
Community Outreach	Brunner Manufacturing, BSoft Technologies, LEER

Science, Technology, Engineering and Math (STEM)

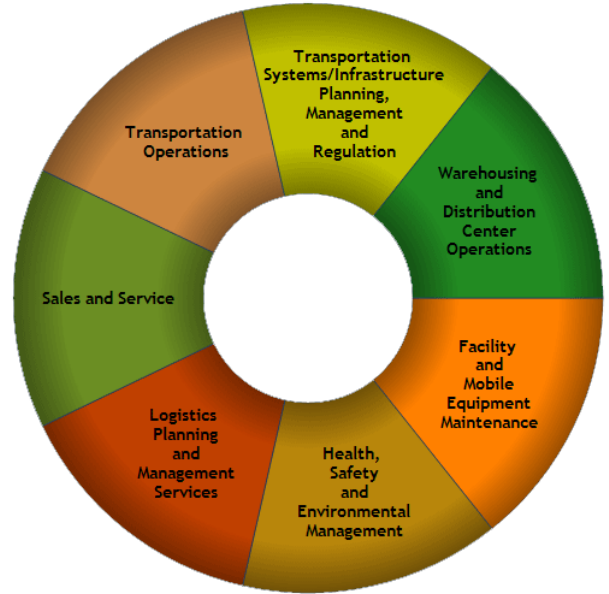
Career Types by Pathway

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SCIENCE AND MATHEMATICS				
	First Responder Paramedic	Biology Pharmacy Tech Medical Lab Tech Relay Tester	Civil Engineer Marine Biologist Math Teacher Production Engineer	Pharmacology Professor Astrophysicist
RECREATION, AMUSEMENTS & ATTRACTIONS				
	Industrial Technology	Architectural Design Computer Aided Drafting (CAD)	Avionics Technician Construction Engineering Technology	Mechanical Engineer Biomedical Engineer Architectural Engineer Electrical Design Engineer

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Transportation, Distribution, and Logistics

This Program of Study prepares learners for careers in transportation, distribution and logistics involve planning, management and movement of people, materials and goods by road, pipeline, air, rail and water, as well as related professional and technical support services such as transportation infrastructure planning and management, logistics services and mobile equipment and facility maintenance.



Pathways:

- Facility and Mobile Equipment Maintenance
- Health, Safety and Environmental Management
- Logistics Planning and Management Services
- Sales and Services
- Transportation Operations
- Transportation/Systems Infrastructure Planning Management, and Regulations
- Warehousing and Distribution Center Operations

Suggested Learning Experiences

Middle School Electives	Academic and Career Planning, Agri-Science, Art, Computer Science, Technology and Engineering, Performing Arts (Band, Choir), World Language
High School Coursework <i>This coursework is directly aligned to this career cluster. It does not include required core coursework that is applicable to all programs.</i>	English: AP English Literature & Composition Math: Calculus Science: Chemistry, Anatomy & Physiology Social Studies: History of American Government, Business: Intro To Business Technology & Engineering: Transportation, Distribution & Logistics, Automotive Technology, Tour of the Trades World Language: Spanish 1, Spanish 2
Student Organizations	FBLA, Student Council
Enrichment	Independent Study, Industry Tours, Job Shadow
Career Exploration	Xello: https://login.xello.world/
Career Experiences/ Work Based Learning	Career and Service Learning, State Employability Skills Certificate, Job Shadow
Service Based Learning	Community Service, State Youth Leadership Certificate
Community Outreach	Heding, JR Roehling

Transportation, Distribution, and Logistics

Career Types by Pathway

HIGH SCHOOL DIPLOMA ON-THE-JOB TRAINING	CERTIFICATE/LICENSE	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
FACILITY AND MOBILE EQUIPMENT MAINTENANCE				
Auto Body Repair Automotive, Diesel Technology	Auto Body Repair Auto Mechanics Aviation Airframe Maintenance Industrial Maintenance Technology	Aeronautical and Aerospace Engineering Technician Automotive Technician Aviation Airframe Maintenance Electronic Technician	Engineering Industrial Engineering Mechanical Engineering	Industrial and Management Systems Engineering Mechanical Engineering
HEALTH, SAFETY AND ENVIRONMENTAL MANAGEMENT				
Security Officer	HAZ Mat Technician	Environmental Engineering Technician	Engineering Physics Environmental Engineer Environmental Science/Studies Industrial Engineering	Environmental Engineering Environmental Science/Studies
LOGISTICS PLANNING AND MANAGEMENT SERVICES				
Dock Worker Business Secretary	Transportation Manager Logisticians	Business Administration Industrial Technician Logistics, Materials Management	Business Administration Industrial Distribution Industrial Technology Management Technology	Engineering Management Industrial, Management Systems Engineering Operations Management
SALES AND SERVICE				
Cashier Customer Service Travel Agent	Desktop Publishing Entrepreneurship Parts, Sales, Management Travel Services	Business Marketing Marketing Management Parts, Sales, Management Advertising	Advertising Management Business Management Marketing Management	Advertising Manager Business Manager Marketing Manager
TRANSPORTATION OPERATION				
Taxi Driving Locomotive Engineer Bus Driver Truck Driver	Air Traffic Controller CDL Driver Vehicle and Equipment Operator Commercial Pilot and Flight Crew Training	Air Traffic Control Commercial Pilot and Flight Crew training	Air Traffic Control	
TRANSPORTATION SYSTEMS, INFRASTRUCTURE, PLANNING, MANAGEMENT AND REGULATION				
Signal and track Switch Repair	Civil Drafter Vehicle Inspector	Civil Engineering Surveying and CAD	Aviation Systems Maritime Studies Management Civil Engineering Naval Architecture, Marine Engineering	Civil Engineering Engineering Management Naval Architecture, Marine Engineering
WAREHOUSING AND DISTRIBUTION CENTER OPERATIONS				
Shipping/Receiving Storage/Distribution	CDL Driver Training Class A,B Forklift Training	Business Logistics and Material Handler Warehouse Management	Logistics and Material Management	Logistics and Material Manager

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