

Youth Apprenticeship Program

The Youth Apprenticeship Program (YAP) is a one- or two-year apprenticeship for Juniors and Seniors in good academic standing. Students earn credit and get paid for working at a local business. Upon successful completion of the program, students will receive a Certificate of Occupational Proficiency from the State of Wisconsin Department of Workforce Development (DWD). YAP =2 credit (450 hours). Students must also enroll in 2 courses associated with pathway; see below. Ask your counselor for a [YAP Pre-Enrollment form](#) or contact the Bradford Youth Apprenticeship Coordinator, Tracie Nielson at tnielson@kUSD.edu or visit the YAP website at <http://dwd.wisconsin.gov/youthapprenticeship/>.

| Career Cluster | Students who like: | Careers | Participating Businesses | Concurrent Enrollment of any 2 pathway courses |
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| Architecture & Construction | Install and fix electrical systems / plan & oversee construction of buildings and structures / drive and operate massive machinery & equipment / calculate cost of construction or manufacturing project / install and fix pipes carrying water, gas or raw materials | Cost Estimator Property Manager Civil Engineer Heavy Equipment Operator HVAC Tech Architect Electrician Roofer Pipefitter Construction Laborer Concrete Mason | Bliffert Lumber and Hardware Double "D" Construction Riley Construction | CAD, CAD 2, Construction Planning , Construction Systems 1, Construction Systems 2 Engineer Design, Intro to Design, Intro to Tech Ed , Manufacturing 1, Manufacturing 2, Life Skills, Thinking & Learning Strategies |
| Finance | Assess financial markets and assist people & companies where to invest money / help complete loan applications / help people make most of their money and save for the future / analyze financial data and prepare reports | Auditor Loan Officer Accountant Investment Banker Trader Insurance Agent Research Analyst | Southern Lakes Credit Union | Personal Finance , Computer Applications, Leadership, Accounting, Adv. Accounting, Bus & Personal Law, Intro to Business , Starting a Business, Clothing Textiles, Economics, International Business, Life Skills, Thinking & Learning Strategies |

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| Health Science | Treat and care for others / Organize and take care of paperwork / One on one instruction and motivation / prepare and fill medical prescriptions / reduce pain & discomfort of others | Certified Nursing Asst. Doctor Medical Assistant Dental Hygienist Medical Secretary Social Worker Personal Trainer Athletic Trainer Pharmacy Tech Vet Tech Optometrist Physical Therapist Pharmacist Sports Medicine Orthodontist | Advocate Aurora Brookside Care Center Willowbrook Kenosha Lakeshore Vet Clinic Pleasant Prairie Animal Hospital Walgreens- Pharmacy 18 th / 30 th Ave Walgreens – Pharmacy 80 th Street Walgreens – Pharmacy Racine Froedtert South-Kenosha Froedtert South-Pleasant Prairie | Froedtert South- ST Catherine's Paxxon Healthcare (c/o The Addison) The Addison/Advocate Arora CVS- Pharmacy- 80 th Street Comprehensive Orthopedics Doctors of PT- 75 th Street Doctors of PT- Union Grove Dr. John Crawford & Wright Orthodontics Familia Dental Crawford Orthodontics Jeranek Chiropractic | Exploring Health Occupations , Intro to Med. Term, C.N.A., AP Biology, AP Chemistry, Human Anatomy & Physiology, Marine Science, Forensic Science, Vet Science Life Skills, Thinking & Learning Strategies |
| Hospitality, Lodging, Tourism | Prepare food / ensure customers are happy / help improve the health of others / manage health clubs & community centers / preparing different foods and specialty dishes / friendly face responding to concerns of guests | Cook Recreational Director Fitness Instructor Hotel Desk Clerk Sports Marketer Chef Restaurant Manager | Chick-Fil-A Culvers- Pl. Prairie Culvers- 52 nd Festival Foods- 80 th & Somers Kentucky Fried- 52 nd La Fogata McDonalds- GnBy Mars Cheese Castle Mason's Eatery Nothing Bundt Cakes Pizza Hut Scoops Ice Cream Shop & Candy Subway Valeo's Pizza | Adidas American Eagle Calvin Klein CVS- 22 nd Ave CVS-57 th Ave Chiappetta's Shoes Floor Tech Interiors Goodwill Industries JC Penny Journey's Kohls Levis Old Navy PI Prairie Rec Plex PUMA Reebok Sneaker Arena | Culinary Basics , Culinary Skills, Career Foods, Global Cuisine, Personal Finance , Marketing, Advanced Marketing, Retail, Intro to Business, Leadership, Computer Applications, Life Skills, Thinking & Learning Strategies |

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| | | | Wendy's Ruffolo's Hair Studio Theodore's Hair Design | Strawberry Creek The Gap UPS Walgreens- 52 nd St Walgreens- 75 th St | |
| Information Technology | Create electric links between computers and companies / help companies develop online technology / research, design and test computer software / protect computers from unauthorized users and threats | Computer Trainer Information Security Analyst IT Project Manager Business Systems Analyst Computer Network Specialist Database Developer Software Engineer Support Specialist | KUSD-CTE Department | | Communications, Digital Electronics, Engineering Design & Dev, Life Skills, Thinking & Learning Strategies |
| Manufacturing | Use machine tools to craft precision metal parts / assess and plan cleanups of polluted sites / maintain and repair complex machines and systems / install and repair high pressure pipe systems | Environmental Consultant Machinist Plumber Millwright Steamfitter Industrial Machinery Mechanic | Rehrig Pacific Company Air Flow Technology (Filtration Group) Bio Fab Colbert Packaging International Mold LMI Packaging Solutions MedTorque P.O.P. Manufacturing Puratos Toolamation | | Intro to Tech Ed , CNC, CAD 1, CAD 2,Digital Electronics, Intro to Engineering, Engineering Design ,Manufacturing 1, Manufacturing 2,Principles of Engineering, Life Skills, Thinking & Learning Strategies |
| Marketing Services | Help companies promote products & services / work with people to apply for a loan / study and predict sales of product & services / promote sports teams, event sponsors & charitable causes / answer customer questions / sell insurance policies | Mortgage Broker Airline Agent Sports Marketer Marketing Specialist Insurance Agent Customer Service Rep Market Research Analyst Association Manager | | | Intro to Business , Marketing, Advanced Mkt, Retail Merchandising & Management, Computer Applications, Desktop Publishing, Leadership, Webpage Design , Yearbook, Clothing Textile, Economics, Personal Finance , International Business, Life Skills, Thinking & Learning Strategies |

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| Science, Technology, Engineering & Math | Solve business problems by creating mathematical models that predict the outcomes of different courses of action / oversee construction site / develop cleanup plan of polluted site / install and repair systems that convert sunlight to electricity | Operations Research Analyst Biomedical Engineer Neurologist Solar Energy Tech Statistician Civil Engineer Software Engineer Environmental Consultant | CNH Mike Jefferson Electric | CAD 1, CAD 2, Intro to Tech Ed , Intro to Engineering Design, Fundamentals of Engineering, Intro to Design Engineering & Technology, Engineering Design & Development, Civil Engineering, Digital Electronics, Manufacturing 1, Manufacturing 2, Life Skills, Thinking & Learning Strategies |
| Transportation , Distribution & Logistics | Use machine tools to craft precision metal parts / drive and control massive machinery & equipment / maintain and repair the engines that power large vehicles and industrial equipment / fix damaged frames and body parts of cars/trucks | Autobody Repairer Diesel Technician Industrial Machinery Mechanic Machinist Heavy Equipment Operator | Don's Auto Parts Millhouse Auto | Intro to Tech Ed , Consumer Auto Car Care, Auto Tech 1, Auto Tech 2, Auto Collision, Auto Service Fundamentals, Brake Systems, Small Engine Repair, Life Skills, Thinking & Learning Strategies |

Freshman/ Sophomore
Year
(pre-req course options)



Junior & Senior Year
(concurrent courses with YAP)

YAP Architecture & Construction:
Intro to Tech Ed, Construction
Planning, Manufacturing 1

YAP Finance:
Personal Finance, Intro to Business

YAP Health Science:
Exploring Health Occupations

YAP Hospitality, Lodging, Tourism:
Culinary Basics, Personal Finance

YAP – Architecture & Construction: CAD, CAD 2, **Construction Planning**, Construction Systems 1, Construction Systems 2 Engineer Design, Intro to Design, **Intro to Tech Ed, Manufacturing 1**, Manufacturing 2, Life Skills, Thinking & Learning Strategies

YAP Finance: Personal Finance, Computer Applications, Leadership, Accounting, Adv. Accounting, Bus & Personal Law, **Intro to Business**, Starting a Business, Clothing Textiles, Economics, International Business, Life Skills, Thinking & Learning Strategies

YAP Health Science: Exploring Health Occupations, Intro to Med. Term, C.N.A., AP Biology, AP Chemistry, Human Anatomy & Physiology, Marine Science, Forensic Science, Vet Science Life Skills, Thinking & Learning Strategies

YAP Hospitality, Lodging, Tourism: Culinary Basics, Culinary Skills, Career Foods, Global Cuisine, **Personal Finance**, Marketing, Advanced Marketing, Retail, Intro to Business, Leadership, Computer Applications, Life Skills, Thinking & Learning Strategies

Freshman/ Sophomore Year
(suggested pre-req course
options)



Junior & Senior Year
(concurrent courses with YAP)

YAP Information Technology:

YAP Manufacturing:

Intro to Tech Ed

YAP Marketing Services:

Intro to Business, Personal Finance

**YAP Science, Technology,
Engineering & Math:**

Intro to Tech Ed, Intro to
Engineering

**YAP Transportation, Distribution &
Logistics:**

Intro to Tech Ed, Consumer Auto
Car Care

YAP Information Technology: Communications, Digital Electronics,
Engineering Design & Dev, Life Skills, Thinking & Learning Strategies

YAP Manufacturing: Intro to Tech Ed, CNC, CAD 1, CAD 2, Digital
Electronics, Intro to Engineering, Engineering Design, Manufacturing
1, Manufacturing 2, Principles of Engineering, Life Skills, Thinking &
Learning Strategies

YAP Marketing Services: Intro to Business, Marketing, Advanced
Mkt, Retail Merchandising & Management, Computer Applications,
Desktop Publishing, Leadership, Webpage Design, Yearbook, Clothing
Textile, Economics, **Personal Finance**, International Business, Life
Skills, Thinking & Learning Strategies

YAP Science, Technology, Engineering & Math: CAD 1, CAD 2, **Intro to
Tech Ed**, Intro to Engineering Design, Fundamentals of Engineering,
Intro to Design Engineering & Technology, Engineering Design &
Development, Civil Engineering, Digital Electronics, Manufacturing 1,
Manufacturing 2, Life Skills, Thinking & Learning Strategies

YAP Transportation, Distribution & Logistics: Intro to Tech Ed,
Consumer Auto Car Care, Auto Tech 1, Auto Tech 2, Auto Collision,
Auto Service Fundamentals, Brake Systems, Small Engine Repair, Life
Skills, Thinking & Learning Strategies