

Find Your Passion at Shakopee Schools

“Academies of Shakopee”



To Shakopee Students and Families:

Our mission is to prepare all students to be college and career ready. A critical aspect of this mission is providing an opportunity for you to explore and find your interest and passion areas. Shakopee High School has begun a multi-year implementation plan to organize elective courses into six academies: Arts & Communications, Business & Entrepreneurship, Engineering & Manufacturing, Health Science, Human Services, and Science & Technology. Academies are small learning communities of students and teachers who are organized around your specific area of interest. You will find yourself with other students who have similar aspirations and with teachers who can help you make meaningful connections to your plans for the future.

Each academy has a separate section with a divider which contains the logos, brand and a curriculum framework which outlines programs of study with current and potential future courses. A **program of study is a three-course sequence of an introductory, intermediate and advanced course to help you go deeper into a particular area.** The class of 2024 and beyond will be required to complete a program of study for graduation. This graduation requirement is only three credits and will ensure you explore one area more deeply while still maintaining a wide variety of choices in other areas. Please note the curriculum framework for each academy is near completion, but slight changes may still occur in course offerings. The diagram on the next page is intended to help you understand the framework.

Are you interested in learning more about areas such as publishing, arts, business, healthcare, public service, science, technology, and engineering? The next pages in the guide outline the variety of courses you can select from. **This should continue your journey towards discovering the types of courses or programs you might want to pursue in the post-secondary school of your choice and how they relate to future career paths.**

We hope you find the course titles and descriptions exciting and intriguing – the courses were designed to help you ***FIND YOUR PASSION!***

Overview of the Academies of Shakopee

Arts & Communication

- Music Performance and Production
- Video Production
- Graphic Design and Animation
- Creative Design

Business & Entrepreneurship

- Accounting and Finance
- Entrepreneurship and Business Management
- Marketing and Sales
- Hospitality and Restaurant Management

Engineering & Manufacturing

- Architecture and Construction
- Manufacturing and Fabrication Technologies
- Engineering and Design
- Transportation Technologies

Health Sciences

- Biomedical
- Public Health
- Exercise Science
- Healthcare

Human Services

- Teaching and Educational Services
- Social and Mental Health Services
- Public Service
- Law and Legal Services

Science & Technology

- Computer Science
- Information Technology Solutions
- Renewable Energy and Electrical Systems
- Environmental Science

How to Read Your Academy Curriculum Framework:

Key Terms Defined

Area of Interest	Broad area of interests commonly used by universities and the Minnesota Department of Education as career clusters.
Gateway Course	A quarter length course that introduces each Area of Interest and is a requirement for 6 th and 7 th grade students at the middle level.
Programs of Study	A sequence of courses that increase in depth and complexity in a more focused program within an Area of Interest and directly relates to 2-yr and 4-yr post-secondary options and relevant career opportunities.
Introductory Course	The first course in a sequence of courses within a program of study. Typically, taken by 9 th or 10 th graders exploring academies.
Intermediate Course	The second course in a sequence of courses within a program of study. Typically taken by 10 th and 11 th graders within the academy.
Advanced Course	The third course in a sequence of courses within a program of study. These courses must include value added programing. Typically, taken by 11 th and 12 th graders within the academy.
Academy Elective	An elective course within an academy that builds on the programs of study and is available to students outside of the academy.
Global Elective	A course that is not embedded within an academy. Typically meets a post-secondary or graduation requirement (e.g. World Language, Fine Arts).
CAPS Program	A profession-based, immersion program for 11 th and 12 th grade students who attend class, with a Shakopee High School teacher, at an industry partner location, with an opportunity for a second-semester internship.

MIDDLE SCHOOL	HIGH SCHOOL			
Area of Interest Courses (Grades 6-8)	Program of Study	Introductory Courses	Intermediate Courses	Advanced Courses
Area of Interest Gateway (Grade 7): Think Tank Middle School Electives (Grades 7 & 8): Innovation Lab Money Doesn't Grow on Trees Teen Chef Middle School Connection	Accounting and Finance	Program of Study	Accounting	Three Course Sequence
	Entrepreneurship and Business Management		Finance and Investments	
	Marketing and Sales	Business Dynamics	Management and Leadership	
	Hospitality and Restaurant Management	Business Dynamics	Entrepreneurship	
	Additional Academy Elective Courses:	Culinary Arts 1	Marketing	Advanced Business Seminar
	CAPS Program:	Culinary Arts 2	Hospitality Management	
		Culinary Arts 3	Sports & Entertainment Marketing	
		Baking & Pastry	Social Media Marketing	
		Business Technology		
		Culinary Arts 3		
		 CAPS Business Administration and Management (Can substitute for the Advanced Course in any Business & Entrepreneurship Program of Study)		

Arts & Communication Academy



Related Careers: Art Directors, Curator, Stage Manager, Museum and Exhibit Manager, Director, Performer (Musician, Actor), Music Directors and Composers, Audio and Video Technician, Sound Engineer, Producers and Directors, Editors, Writers and Authors, Public Relations and Fundraising Manager, News and Print Media, Journalist, Multimedia Artists and Animators, Interior Designers, Artist and Art Marketer, Graphic Designers

MIDDLE SCHOOL		HIGH SCHOOL		
Area of Interest Courses (Grades 6-8)	Program of Study	Introductory Courses	Intermediate Courses	Advanced Courses
Area of Interest Gateway (Grade 6): Heroes	Music Performance and Production	Introduction to Performance Production	Music Recording and Songwriting Music Studio	Performance Showcase Creative Professional
	Video Production	Elements of Video Production	Creating Social Content Animation and Game Design	Advanced Content Production Creative Professional
Middle School Electives (Grades 7 & 8): Digital Art Pencils, Paints, and Prints Drop a Beat House of Style Saber Animation & Video Sculpt It	Graphic Design and Animation	Graphic Design 1	Animation and Game Design Graphic Design 2 Photography	Creative Professional
	Creative Design	Design Fundamentals	Photography Drawing, Painting, Printmaking	
	Additional Academy Elective Courses:	Fashion Merchandising and Design Interior Design	Public Speaking Creative Writing	
CAPS Program:	 Shakopee CAPS: Creative Media (Can substitute for the Advanced Course in any Arts & Communication Program of Study)			

*Courses in blue are proposed courses (subject to change)

Students in the Class of 2024 & Beyond will have to complete a 3 Course Program of Study

Business & Entrepreneurship Academy



Related Careers: Accountant, Bookkeeper, Actuary, Insurance Underwriters, Loan Officer, Financial Planner, Tax Preparer, Venture Capitalist, Small Business Owner, Entrepreneur, Business Analysts, Office Manager, Supply Chain Manager, Hotel Management, Event Planner, Tour Operator, Food and Beverage Manager, Executive Chef, Sous Chef, Restaurant Owner, Market Research Analysts, Recruiters, Social Media Marketing Manager, Sale Representatives & Retail Managers, Fundraiser, Media Buyer

MIDDLE SCHOOL	HIGH SCHOOL			
Area of Interest Courses (Grades 6-8)	Program of Study	Introductory Courses	Intermediate Courses	Advanced Courses
Area of Interest Gateway (Grade 7): Think Tank Middle School Electives (Grades 7 & 8): Innovation Lab Money Doesn't Grow on Trees Teen Chef	Accounting and Finance	Business Dynamics	Accounting	Advanced Business Seminar
	Entrepreneurship and Business Management		Finance and Investments	
	Marketing and Sales		Management and Leadership	
	Hospitality and Restaurant Management	Entrepreneurship	Marketing	
	Additional Academy Elective Courses:	Business Dynamics	Hospitality Management	
	CAPS Program:	Culinary Arts 1	Culinary Arts 2	
		Baking & Pastry	Sports & Entertainment Marketing	
		Business Technology	Social Media Marketing	
		Culinary Arts 3		
		 Shakopee CAPS: Business Administration and Management (Can substitute for the Advanced Course in any Business & Entrepreneurship Program of Study)		

Students in the Class of 2024 & Beyond will have to complete a 3 Course Program of Study

Engineering & Manufacturing Academy



Related Careers: Aircraft Mechanic, Aeronautic Engineer, Architect, Building Engineer, Civil Engineer, CNC Machinist, Computer Control Programmer/Operator, Design Electrical Engineer, Engineer, Electrician, Entrepreneur, HVAC Controller, Industrial Engineer, Machinists, Manufacturing Mechanical Engineer, Process Engineer, Packaging Engineer, Process Engineer, Robot Technician, Quality Engineer, Structural Engineer, Tool and Die Maker, Welder

MIDDLE SCHOOL	HIGH SCHOOL			
Area of Interest Courses (Grades 6-8)	Program of Study	Introductory Courses	Intermediate Courses	Advanced Courses
Area of Interest Gateway (Grade 7): Teen Engineer Middle School Electives (Grades 7 & 8): GTT: Architecture (PLTW) GTT: Design and Manufacturing (PLTW) GTT: Robotics (PLTW)	Architecture and Construction	Manufacturing and Construction	Construction Civil Engineering & Architecture (PLTW**)	Construction Management and Development
	Manufacturing and Fabrication Technologies		Welding and Metal Fabrication Wood Production Technologies	Manufacturing Design and Development
	Engineering and Design	Intro to Engineering Design (PLTW**)	Principles of Engineering (PLTW**) Computer Integrated Manufacturing (PLTW**) Aerospace Engineering (PLTW**) Civil Engineering & Architecture (PLTW**)	Engineering Design & Development (PLTW**)
	Transportation Technologies	Small Gas Engines	Marine, Motorsport, and Outdoor Power Equipment	Super High Mileage Vehicle
	Additional Academy Elective Courses:	Advanced Welding – Design & Fabrication Advanced Woodworking – Cabinetry & Furniture		
	CAPS Program:	 Shakopee CAPS: STEM (Science & Technology Engineering & Manufacturing) (Can substitute for the Advanced Course in any Engineering & Manufacturing Program of Study)		
		Youth Skills Training		

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Students in the Class of 2024 & Beyond will have to complete a 3 Course Program of Study

Health Science Academy



Related Careers: Medical Appliance Technician, Medical and Clinical Lab Technologist, Surgical Technologist, Medical Imaging Technologist, Biomedical Engineer, Forensic Science Technician, Dietetic Technician, Dietician and Nutritionist, Community Health Worker, Massage Therapist, Fitness Trainer and Aerobics Instructor, Athletic Trainer, Recreational Therapist, Physical Therapist, Occupational Therapist, Massage Therapist, Exercise Physiologist, Pharmacy Technician, Medical Assistant, Healthcare Social Worker, Physician, Physician Assistant, Licensed and Practical Nurse, Respiratory Therapist, Dentistry, Ophthalmology, Surgical and Medical Technician, Chiropractor

MIDDLE SCHOOL	HIGH SCHOOL			
Area of Interest Courses (Grades 6-8)	Program of Study	Introductory Courses	Intermediate Courses	Advanced Courses
Area of Interest Gateway (Grade 7): Snack Attack Middle School Electives (Grades 7 & 8): GTT: Medical Detectives (PLTW) 2 Fit 2 Quit Code Red	Biomedical	Human Body Systems	Principles of Biomedical Science (PLTW**)	Medical Interventions (PLTW**)
	Public Health		Global Health and Disease Prevention	Community Health
	Exercise Science		Human Movement Sciences	Sports Medicine Emergency Medical Responder
	Healthcare		Principles of Biomedical Science (PLTW**) Healthcare Simulation	Emergency Medical Responder Nursing Assistant
	Additional Academy Elective Courses:		CIS: Human Physiology, Technology, and Medical Devices Nutrition for the Human Body	Youth Skills Training
CAPS Program:	 Shakopee CAPS: Healthcare and Medicine (Can substitute for the Advanced Course in any Health Science Program of Study)			

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Students in the Class of 2024 & Beyond will have to complete a 3 Course Program of Stud

Human Services Academy



Related Careers: Early Childhood Educator, K-12 Teacher, Administrator, Educational Paraprofessional, Training and Development Manager/Supervisor, Police and Sheriff’s Patrol Officers, Correction Officers and Jailers, Attorney, Court Reporters, Paralegal and Legal Assistants, Government Service, Labor Relations Specialist, Firefighter, Military Service, Non-Governmental Organization, Lobbyist, Social and Human Service Assistant, Mental Health Counselors, Health Educators, Clinical Counseling, and School Psychologist

MIDDLE SCHOOL		HIGH SCHOOL			
Area of Interest Courses (Grades 6-8)	Program of Study	Introductory Courses	Intermediate Courses	Advanced Courses	
Area of Interest Gateway (Grade 6): Be The Change Middle School Electives (Grades 7 & 8): Law and Order More Than Social Media	Teaching and Educational Services	Intro to Human Development	Exploring Education	Multicultural Education	
	Social and Mental Health Services	Human Relations	Positive Psychology: Building People and Community	Community Leadership and Service	
	Public Service	Human Relations	Generation Now		
	Law and Legal Services	Criminal Justice and the Court	A Case for Justice	Law and Legal Services	
	Additional Academy Elective Courses:	Advanced Child Development		Sociology of the Family	
	CAPS Program:	 Shakopee CAPS: Human Services (Can substitute for the Advanced Course in any Human Services Program of Study)			

Students in the Class of 2024 & Beyond will have to complete a 3 Course Program of Study

Science & Technology Academy



Related Careers: Electrician, Electrical Engineer, Electronics Technician, Electrical Power-Line Installers and Repairers, Power Plant Technician and Operator, Electrical Systems Designer and Drafter, Network and Computer Systems Administrators, Computer Network Architects, Computer Hardware Engineer, Computer Hardware Technician and Repairer, Computer Research Scientist, Software Developer, Computer Systems Analyst, Computer and Information Systems, Computer Programmers, Information Security Analysts, Database Administrators, Natural Sciences Managers, Environmental Engineer, Green Technology and Alternative Energy Designer, Geoscientist & Conservation Scientists, Mining and Geological Engineer

MIDDLE SCHOOL	HIGH SCHOOL			
Area of Interest Courses (Grades 6-8)	Program of Study	Introductory Courses	Intermediate Courses	Advanced Courses
Area of Interest Gateway (Grade 6): Programming is Electric	Computer Science	Computer Hardware and Software	AP Computer Science Principles (PLTW**)	Technological Innovations
	Information Technology Solutions		Cyber Security Robotic Process Automation	
Middle School Electives (Grades 7 & 8): Energy and Flight Apps Creation	Renewable Energy and Electrical Systems	Electricity	Energy and Power Generation	Environmental Solutions
	Environmental Science	Energy, Food, and The Outdoors	AP Environmental Science Environmental Ethics Ecology	
	Additional Academy Elective Courses:	Mobile App Development Web Development	Youth Skills Training RPA: Design & Development	
	CAPS Program:	 Shakopee CAPS: STEM (Science & Technology Engineering & Manufacturing) (Can substitute for the Advanced Course in any Science & Technology Program of Study)		

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Students in the Class of 2024 & Beyond will have to complete a 3 Course Program of Study