2027-2028 High School Course Updates

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St. Cloud Area School District 742!

Agenda

- Review the process for course proposals
- Share the courses that were approved
- Share the new Course Catalog

St. Cloud Area School District 742!

Course Proposal Process

- All Secondary Staff were notified through leadership team members
- Departments submitted proposals
- Secondary Team of HS Principals, SCEA President, Secondary Directors, Assistant Superintendent reviewed with a Rubric and made recommendations.
- Final recommendation reviewed by Director of E-12 Education, Secondary Assistant Superintendent, & Superintendent

St. Cloud Area School District 742!

Courses Approved for 2027-2028

Course Name	Description	Pathway/HS Requirement
Cybersecurity and Networking	This course introduces students to the fundamental principles used to secure computer systems, networks, devices, and data in modern digital environments. Students will learn to identify vulnerabilities, understand cyber threats, and design strategies to defend against attacks using a defence-in-depth approach.	Business, Elective
From Sale to Sold: Real Estate Principles and Careers	This course will have students examine property rights and ownership transfer, interpret purchase agreements and responsibilities of each party, compare financing options and home ownership divisions, develop a targeted property listing and client presentation, and respond to ethical business scenarios. Student work will include case studies, financing comparisons, a marketing project, and a simulated transaction.	Business, Elective

Course Name	Description	Pathway/HS Requirement
HS Theatre	This course introduces students to the fundamentals of dramatic performance and theatrical production. Through ensemble activities, improvisation, script analysis, and scene work, students develop vocal expression, stage movement, character building, and collaboration skills while gaining foundational experience in staging, playwriting, and the elements of technical theatre.	Fine Art
Intro to Production Automation	This course introduces students to modern manufacturing careers, fundamental production concepts, and early technical skills in basic programming, automated systems, and industrial technology.	Mechatronics & Manufacturing
Manufacturing Seminar & Internship	This course prepares students for manufacturing careers through workplace readiness, teamwork, career planning, and safety. Combines classroom discussion with part-time employment paired with a local employer partner for hands-on skill training and real-world work experience.	Mechatronics & Manufacturing

Course Catalog Refinements

- Making sure courses listed matched what we had available
- Sunsetting of courses that have not ran in 5 years
  - French 4, Mandarin Chinese 3 & 4, Guitar Ensemble to Guitar 2, AP Music Theory
- Created a watch list of courses that have not ran in 3 years
- Alignment of LA 12 Course Electives
- Alignment of course numbers and titles preparing for SIS rollover

New High School Course Catalog



Accelerate Your Future

Below you'll find descriptions of the available opportunities for college credit and advanced study. All ISD 742 courses are graded on a 4.0 scale with the exceptions of courses within the programs listed below. These courses meet the Minnesota Transfer Curriculum standards and will be weighted on a 4.5 Scale. Advanced Placement (AP) level courses remain on a 4.8 Scale. No class rank is given.

Advanced Placement Available grades 9, 10, 11, 12	The Advanced Placement Program (AP) is a cooperative agreement between high schools, colleges, and universities. It gives students exposure to college-level material and an opportunity to show what they have learned by taking an AP exam in May. If students pass the exam, colleges and universities are then able to grant credit, placement or both. Students are allowed the opportunity to study subjects they are interested in and to challenge themselves. AP classes prepare students by giving them tools that will serve them well throughout their college careers. To determine a college's AP credit policy, please visit the College Board website. The College Board moved test registration to the fall of the year. Students enrolled in an AP class will be asked to commit to taking the AP exam by October. Exam registration and payment will move to the fall to support deeper engagement in AP courses and higher achievement on AP Exams. More details on exam registration will follow in a letter mailed home in September.
College in the Schools (CIS) **"Huskies in the High School"** Available grades 9, 10, 11, 12	*Huskies in the High School* is a partnership with St. Cloud State University allowing eligible students to enroll in introductory level college courses in our high schools. The courses are taught by ISD 742 teachers and the course content is developed cooperatively with St. Cloud State University faculty. Upon completion of these courses, the student will receive both high school and college credit. Students will be informed about eligible courses as they develop. Juniors must have a GPA of 3.5 or higher and seniors must have a GPA of 3.0 or higher to be eligible. Sophomores may be eligible for Spanish III & IV if their GPA is equivalent to the top 10% of their class.
Postsecondary Enrollment Option (PSEO) Available grades 10, 11, 12	Post-Secondary Enrollment Options (PSEO) is a program that allows 10th, 11th and 12th grade students the opportunity to earn college credit for courses completed while still in high school. Courses are offered on college campuses or at their local high school. Some colleges may also offer on-line courses. Students may see their high school counselor for more information and application procedures. Apollo PSEO Info Tech PSEO Info
Discovery Academy Available grades 10, 11, 12	Discovery Academy is an initiative of St. Cloud Technical & Community College that allows high school students to take college courses in a high school setting. Qualified high school teachers, mentored by SCTCC faculty, teach courses in partner high schools. In some cases, courses might be taught by SCTCC Faculty. Students simultaneously earn college and high school credit. Discovery Academy, or concurrent enrollment, is similar to Postsecondary Enrollment Options (PSEO), which allows high school students to take college courses on the SCTCC campus.

Social Studies Courses

11 credits in Social Studies are required for graduation. Courses must meet requirements in Geography, World History, US History, Economics, and Government. Students must also take an additional 1 credit elective course in social studies.

Human Geography	56117 56118	***Grade: 9*** ***Two trimesters (2 credits)*** • ***Required*** • *Fulfills graduation requirement for Geography* This course is designed to develop students' understanding of the global community. Some topics of study include population, culture, political systems, agriculture, urbanization, economics, and the environment.
AP Human Geography	56125 56126 56127	***Grade: 9*** ***Three trimesters (3 credits)*** • *Elective –* ***Replacement course option for required Geometry*** • *Fulfills graduation requirement for Geography* • *Weighted Grade* This introductory college-level course requires strong reading and writing skills. Topics of study include population and migration, agriculture, popular and folk culture, political systems, and urbanization.
World History	56503 56504 56505	***Grade: 10*** ***Three trimesters (3 credits)*** • ***Required*** • *Fulfills graduation requirement for World History* This survey course examines the cultures, movements, and key figures of diverse global civilizations. Through historical inquiry and multiple perspectives, students trace how cross-cultural exchanges, empires, revolutions, and global conflicts have shaped the modern world.
AP World History	56500 56501 56502	***Grade: 10*** ***Three trimesters (3 credits)*** • *Elective –* ***Replacement course option for required World History*** • *Fulfills graduation requirement for World History* • *Weighted Grade* This global survey course is equivalent to a freshman college course. Success requires strong reading and writing skills alongside considerable time for homework and study, with emphasis on critical thinking, essay writing, and primary document interpretation.
US History	56410 56411 56412	***Grade: 11*** ***Three trimesters (3 credits)*** • ***Required*** • *Fulfills graduation requirement for US History* Students examine and analyze U.S. history from exploration to the present day, exploring the social, political, cultural, and economic movements that shaped it.
AP US History	56400 56401 56402	***Grade: 11*** ***Three trimesters (3 credits)*** • *Elective –* ***Replacement course option for required US History*** • *Fulfills graduation requirement for US History* • *Weighted Grade* This survey course is equivalent to a freshman college course, covering American history from the age of exploration and discovery to the present. Success requires strong reading and writing skills alongside considerable time for homework and study, with emphasis on critical thinking, essay writing, primary document interpretation, and historiography.

Future Ready Career Pathways!

Every year of high school is one step closer to your future. 742 Career Pathways are designed to support you in exploring careers, building skills, connecting with employers, and successfully launching your post-secondary plans! Whether you take a Pathways introduction course or complete a pathway, participating in a Pathway will help all 742 students confidently prepare for future careers. **To complete a pathway, students must take an Intro Class and 3 Electives, and complete the Senior Capstone experience.**

Guaranteed Experiences: Pathway Intro Class, Dream Accelerator, EPIC Student Day, Industry Immersion, Future100

Learn more about each pathway!

Available for 2027-28

Mechatronics & Manufacturing
Robotics, Automation, Engineering

Emergency Medical Response
Police, Fire, Paramedics, Emergency Response

Healthcare
CNA, Licensure, Medical Coding, Lab Tech, Pre-Med

Education & Human Services
Social Sciences, Teaching, Human Services

Available in 2028-29

Business & Data Sciences
Cybersecurity, Information Technology, Finance, Entrepreneurship

Construction and Trades
Building, Electrical, Carpentry, Plumbing

Available in 2029-30

Aviation, Transportation & Logistics
Auto, Diesel Technology, Air Traffic, Navigation, Aircraft Mechanics

Agriculture & Food Science
Sustainability and Food Science

Here's what you can expect when you participate in a Pathway:

- **Academic Preparation:** Rigorous coursework aligned with careers, college programs, and regional workforce needs
- **Technical Skill Development:** Hands-on learning with industry standard equipment and classroom environments
- **Work-Based Learning:** Real-world experience with employers through job shadows, mentorships, and internships via coursework and outside of the classroom opportunities
- **College & Career Support:** Advising, planning, and resources to help you succeed now and beyond
- **Durable Skills:** Intentional focus on developing skills in professionalism, time management, team work, decision-making, and communications, ensuring you are equipped for success no matter where your career takes you

See pages 65-68 for a detailed look at each Pathway available for 2027-2028!

742 Emergency Medical Responder Pathway

Course Number	Course Title	Level	Pre-Req	Credit	Fulfills
	Intro to First Responder Pathway	Explore (9 or 10)	None	1	Pathway Elective
57000-57001-57002	Principles of Biomedical Science *Biology 103 Credit from SCSU*	Explore (10)	None	3	10th Grade Biology Requirement
	Law Enforcement & Public Safety I	Explore (10)	None	1	Pathway Elective
	Business Law I: Criminal & Civil Law	Explore (10)	None	1	Pathway Elective
	Emergency Medical Responder	Build (10-12)	Intro to First Responder	1	Pathway Elective
	Coming Soon! EMR/EMT Certifications	Build (11-12)	Intro to First Responder		Pathway Elective
	Human Anatomy & Physiology	Build (10-12)	None	3	Pathway Elective
	Psychology/AP Psychology *Satisfactory AP score results in college equivalency*	Build (11-12)	None	1 or 3	Social Studies Studies Elective
	EMR Microinternship or Internship	Experience (11 or 12)	Intro to First Responder	1 or 3	Pathway Elective
	Coming Soon! Pathway Senior Capstone	Experience (12)	4 classes in Pathway	1	Pathway Elective
	Related Electives & PSEO Opportunities				
	Additional 742 Electives: College Ready Math, Sociology, Forensic Science, Practical Law	Advanced (11-12)			Pathway Electives
	Begin PSEO for Law Enforcement at Alexandria Technical College or Paramedicine at SCTCC	Advanced (11-12)	Accuplacer		Pathway Electives

Students in this pathway will:

- Develop understanding of various Emergency Responder & Public Safety career pathways and how to access them.
- Have the opportunity to graduate from 742 with CPR and EMR/EMT certifications.
- Be prepared to directly enter the workforce as an Emergency Medical Technician.
- Be prepared to enter the Paramedicine or related programs at St. Cloud Technical and Community College or the Law Enforcement program at Alexandria Technical College.
- Build meaningful professional connections with local central Minnesota employers like Centracare, the St. Cloud Police Department, and the St. Cloud Fire Department.

This Pathway Can Lead to Careers in:

- **Emergency Medical Technician**
- **Paramedic**
- **Firefighter**
- **Law Enforcement Officer**
- **Dispatcher**
- **Community Resource Officer**

742 Mechatronics & Manufacturing Pathway

Course Number	Course Title	Level	Pre-Req	Credit	Fulfills
	Introduction to Production Automation	Explore		1	Pathway Elective
	Mechanical Drafting	Explore		1	Pathway Elective
	Robotics I	Build (Build 9-12)		1	Pathway Elective
	Metals I	Build (Build 9-12)		1	Pathway Elective
	Robotics II	Build (Build 10-12)	Robotics I	1	Pathway Elective
	Metals II	Build (10-12)	Metals I	1	Pathway Elective
	Physics *College Prep and AP Options available for college credit*	Build (11-12)		3	Chemistry/Physics Requirement
	Manufacturing Career Seminar & Internship	Experience	3 Pathway Courses	1-3	Pathway Elective
	Microinternship	Experience		1	Pathway Elective
	Coming Soon! Pathway Senior Capstone	Experience		1	Pathway Elective
	Related Electives & PSEO Opportunities				
	Additional 742 Electives: College Ready Math, Statistics, Pre-Calculus, Woods I, Woods Project Design	Advanced (11-12)			Pathway Electives
	PSEO for DC Electronics at SCTCC (first course in Mechatronics Certificate)	Advanced			
	PSEO for Basic Manual - Automated Machining at SCTCC (welding and fabrication, manufacturing technology degree)	Advanced			

Students in this pathway will:

- Havetheopportunity to graduate from 742 with OSHA-10 and AWS Welding certifications
- Be prepared to pursue an apprenticeship.
- Be prepared to enter Mechatronics, Manufacturing, and Welding programs at St. Cloud Technical and Community College or ManufacturingEngineering Technologyprogramat St. CloudStateUniversity.
- Build meaningful professional connections with local central Minnesota employers like Park Industries, Granite Partners, and more.

This Pathway Can Lead to Careers in:

- **Industrial Maintenance Technician**
- **Automation Technician**
- **Safety & Quality Assurance**
- **Machinist**
- **Welder**
- **Engineer**

Performing Art Courses

3 credits of Fine Arts are required for graduation. Any courses in the area of Performing Arts may fulfill the fine arts requirement. Course options are available in Theater, Band, Choir, Orchestra, and General Music so that students can explore the performing arts in ways that best meet their interests.

NEW **Theatre**	54340	***Grade: 9, 10, 11, 12*** ***One trimester (1 credit)*** • *Elective* • *Fulfills 1 elective credit for the Fine Arts graduation requirement* This course introduces students to the fundamentals of dramatic performance and theatrical production. Through ensemble activities, improvisation, script analysis, and scene work, students develop vocal expression, stage movement, character building, and collaboration skills while gaining foundational experience in staging, playwriting, and the elements of technical theatre.
Beginning Band	54000 54001 54002	***Grade: 9, 10, 11, 12*** ***Three trimesters (3 credits)*** • *Elective* • *Fulfills 3 elective credits for the Fine Arts graduation requirement* Beginning Band is for students in any grade who have had less than a year of Band experience. This course focuses on teaching students how to play a woodwind, brass, or percussion instrument for the first time. Instrument choices include flute, clarinet, saxophone, trumpet, trombone, baritone, and tuba. School will provide instruments and music for use during class time if needed. Families may choose to rent or purchase an instrument through a local music store to guarantee a student's first choice instrument.
Concert Band	54010 54011 54012	***Grade 9, 10, 11, 12*** ***Three trimesters (3 credits)*** • *Elective* • *Fulfills 3 elective credits for the Fine Arts graduation requirement* • *Prerequisite: Director recommendation or audition/interview* *Concert Band is for 9th grade and intermediate-level students. This course focuses on the development of ensemble skills and fundamental technical skills necessary for musical performance. Music chosen for Concert Band will include traditional, popular and contemporary styles for high school band. This band performs in three to four concerts during the school year and participates in the Region 8AA Music Festival, and along with all 9-12 band students, functions as the Pep Band for selected school sporting events.*
Wind Ensemble	54030 54031 54032	***Grade 10, 11, 12*** ***Three trimesters (3 credits)*** • *Elective* • *Fulfills 3 elective credits for the Fine Arts graduation requirement* • *Prerequisite: Audition/Instructor Permission* *Wind Ensemble is limited in size and instrumentation. Music will be selected from the high quality traditional and contemporary literature written for band. The Wind Ensemble performs in four to five concerts during the school year and participates in the Central Lakes Conference Music Festival, and along with all 9-12 band students, functions as the Pep Band at selected school sporting events. The Wind Ensemble tours annually in the spring as ambassadors of our school district. This tour will vary from year to year. All students must audition for placement in the group and are encouraged to study privately on their instrument.*


Thank You!