

2022-2023 PROGRAM INFORMATION GUIDE - SWMetro 288 CAREER AND TECHNICAL EDUCATION

The purpose of this sheet is to provide a quick guide on our CTE courses offered and to identify any college credits, articulations, student organization, industry connections, and professional certifications.

- Please check the dashboard at http://swmetro.k12.mn.us/programs/career_and_technical_education for the weekly communications for course availability.
- Please register for this course with your high school and also complete the SWMetro CTE Registration paperwork at https://swmetro.formstack.com/forms/cte_registration
- If you have any questions please email mopp@swmetro.k12.mn.us

PATHWAY Agriculture & Natural Resources Human Services Arts, Comm and Info Systems Engineering & Technology Health Science Work-based Learning	COLLEGE COLLABORATION			INDUSTRY CONNECTIONS	
Career and Technical Program /Courses	College Credit/ Scholarships	Articulated credits	Career & Tech Student Organization	Standards Alignment	Industry Credentials *Technical Skill Assessment
<u>Animal Science-</u> Fall Semester <u>Large Animal Vet Science-</u> Spring Semester		*2-credits-Plant Science: Agronom *2-3 credits Soil Science *3 credits Animal Science/Livestock production	FFA	National Agriculture Standards, Minnesota Science Grad Standards National Association of Veterinary Technicians in America, Center for Agriculture Excellence	*NOCTI(NOCTI - National Occupational Competency Testing Institute) *Red Cross Animal First Aid, *Precision Exams
<u>**NEW-Outdoor Power Equipment</u> Fall or Spring Semesters starts		2-3 credits, small engines:Hennepin Tech	FFA	National Agriculture Standards, Minnesota Science Grad Standards	Briggs & Stratton Master Service Tech Certification
<u>**NEW-Aviation Technologies (Drone Tech)</u> Fall or Spring Semesters starts		Credits through Northland Community College	FFA	Current FAA standards for Remote pilot license	Federal Aviation Administration(FAA) Part 107 Drone certification
<u>Cosmetology Program</u> <u>Cosmetology 1</u> Fall & Spring Semesters <u>Cosmetology 2</u> Fall & Spring Semester 1 or 2 year program- can start the courses in the Fall or Spring semesters	*\$1,000 for year 1-Aveda Institute, Minneapolis *\$2,000 for 2 years- Aveda Institute *Scholarship-St Cloud Model College of hair Design *Scholarship-Empire Beauty Schools *Hours earned upto 350 hrs accepted MN School of Beauty *Hours earned upto 350 hrs accepted to La Beauty School Hours earned transferable to Atelier Academy Hopkins	*up to 9-credits-Century College *up to 27- Ridgewater College *up to 2 credits- St Paul College	SkillsUSA	MN Board of Cosmetology Post secondary articulation requirements are college rigor, 80% daily points for attendance and following state laws and rules and sanitation practices.	MN Board of Cosmetology Hours, *Precision Exams
<u>Criminal Justice Program: Police and Community-</u> Fall <u>Intro to Corrections -</u> Spring	3-credits-Intro to CJ- Normandale 3-credits- Juvenile Justice -Normandale 3-creditsPolice & C--- Normandale 3-credits-Corrections- Normandale		SkillsUSA	Minnesota Peace Officer Standards and Training (POST) , American Heart Association, Federal Emergency Management Agency - Homeland Security	Basic Life Support (BLS) CPR, First Aid, Hazardous Materials Awareness, *NOCTI

<u>Education Pathway Program</u> <u>Intro to Education</u> - Fall Semester <u>Multicultural Education and Human Relations in Schools-</u> Spring Semester	4-credits- Intro to Ed-Normandale 3-credits-Multicultural- Normandale			Minnesota Department of Education	
<u>Early Childhood Education</u> <u>Child Development Associate 1 (CDA Prep)</u> Fall or Spring Semester starts <u>Child Development Associate II (CDA II)</u> Fall or Spring Semesters		*3 credits: Hennepin Tech	SkillsUSA		120 hours toward CDA credential (Council for Professional Recognition)
<u>Photography</u> Fall or Spring Semester starts) <u>Photo & Video Production 1,</u> <u>Photo & Video Production 2,</u> <u>Advanced Production Lab</u> <u>Production & Lighting</u>	2-Credits-Camera Skills - DCTC 2-Credit-Photoshop for Photographers - DCTC 2-Credits-Lighting Basics- DCTC	*8-Credits: Dakota Tech *6-credits: Hennepin Tech *Various credits- multiple Mn State Colleges & Universities	SkillsUSA		
<u>Graphic Design & Print</u> Fall or Spring semester starts <u>Graphic Design 1</u> Intro to Design & Color Theory <u>Graphic Design 2</u> Adobe InDesign, Intro to Web Design, Mobile Development		*9-credits Dunwoody *18-credits Hennepin Tech' *2-credits North Hennepin *Various credits with participating Southern Regional colleges	SkillsUSA		
<u>Computer Careers:</u> (Yearlong course with fall or spring semester starts) <u>Computer Repair</u> Fall & Spring <u>Computer Networking</u> Fall & Spring		<u>Computer Repair:</u> *3-credits Anoka Ramsey *3-credits-Hennepin Tech <u>Computer Networking:</u> *3 credits Anoka Ramsey *3 credits- Hennepin Tech	SkillsUSA	Computer Repair: TestOut PC Pro, compTIA Computer Networking: TestOut Network Pro	Computer Repair: PCPro certification Computer Networking: Network Pro certification
<u>Automotive Technology</u> (1 or 2 year program) <u>Steering, Suspensions, Manual Trans, & Drivetrain</u> Fall Semester <u>Electrical Systems & Automatic Transmissions-</u> Spring Semester	\$500 scholarship @ Universal Technical Institute	10 credits-ASE credits Hennepin Tech 2-11 credits- Various MN Automotive programs- 4 credits-DCTC Heavy Truck prog- 2 credits- DCTC Heavy Equipment	SkillsUSA	Automotive Service Excellence (ASE) Education Foundation	ASE Entry Level Certifications: Engine Repair, Transmissions, Drive Train, Suspension and Steering, Brakes, Electrical Systems, Heating and Air Conditioning, Engine Performance, Maintenance and Light Repair, * S/P2, Valvoline, WD-40, My Career Tech *NOCTI

<u>Construction Technology</u> (1 or 2 year program) Fall or Spring semester starts		*3-credits Hennepin Tech *8-credits Alexandria Tech	SkillsUSA	National Association of Home Builders, Builders Association of the Twin Cities Occupational Safety & Health Administration, American Heart Association, International Res.Code	CPR, S/P2, *OSHA 10
<u>**NEW--Residential Electrician-</u> Fall semester	Possible college credits in the future	Articulation credits under development at this time.	SkillsUSA	National Association of Home Builders, Builders Association of the Twin Cities Occupational Health & Safety Administration, American Heart Association, International Res.Code	CPR, S/P2, *OSHA 10
<u>Nurse Assistant (NAR))</u> Fall or Spring semester starts <u>Trained Medication Aide</u> -Spring Independent study for NAR students with instructor approval	5-credits Inver Hills CC	7-credits-Anoka Technical College 3-credits Central Lakes 1-credit hennepin Technical 3-credits MN State Southeast 7-credits - Normandale 3-credits Rochester C&T 3-credits St Cloud Tech & CC	SkillsUSA HOSA	Minnesota State Health Department National Health Care Standards	Certified Nurse Assistant (CNA) Personal Care Assistant Certification, Nursing Assistant/Home Health Aide Registered, *NOCTI
<u>Emergency Medical Responder(EMR)</u> Fall Semester <u>Emergency Medical Technician (EMT)</u> Spring Semester (grade 11 or 12) <u>Emergency Medical Internship-</u> Independent Study		*4-credits Anoka Technical College *6-credits Hennepin Technical *6-credits Lake Superior College	SkillsUSA HOSA IRECA	Federal Emergency Management Agency (FEMA) - Homeland Security, American Heart Association (AHA) National Registry of Emergency Medical Technicians, National Highway Traffic Safety Administration, Minnesota Emergency Medical Regulatory Board (EMSRB), American Academy of Pediatrics, International Trauma Life Support (ITLS)	EMR - Emergency Medical Responder Minnesota Certified, FEMA IS 100b & 700 - BLS-HCP - American Heart Association, National Registry of Emergency Medical Technicians, Hazardous Materials Awareness *FISDAP
<u>Medical Terminology</u> Fall or Spring semester starts <u>Anatomy and Physiology</u> Fall or Spring semester starts	2- college credits Dakota County Technical College (DCTC) 4- college credits- Dakota County Technical College (DCTC)		SkillsUSA HOSA		
<u>**NEW--Medical Assistant - Proq</u> <u>Medical Terminology-</u> Fall or Spring <u>Anatomy and Physiology</u> - F or S <u>Laboratory Skills 1</u> -Fall <u>Medical Documentation-</u> Fall <u>Laboratory Skills 2-</u> Spring <u>Administrative Procedure</u> s -Spring	2- college credits-DCTC 4-college credits-DCTC 4-college credits-DCTC 2-college credits-DCTC 4-college credits-DCTC 3-college credits-DCTC		SkillsUSA HOSA	The Medical Assisting Education Review Board is a Committee on Accreditation (CoA) of the Commission on Accreditation of Allied Health Education Programs (CAAHEP). MAERB is an autonomous unit within the American Association of Medical Assistants Endowment (AAMAE). The American Association of Medical Assistants (AAMA) is a sponsoring organization of MAERB. MAERB makes accreditation recommendations for the status of accreditation of medical assisting programs.	
<u>Youth Apprenticeship/Work Based Learning</u> <u>Careers 1</u> fall or spring starts <u>CTE Pathway Internship</u> fall or spring starts	\$500 scholarship with the completion of Trades Hub curriculum.			Students matched with business/industry partner site	Workplace Readiness