

SMSD Career Signature Program Courses 2023-24

Consult the [2023-24 SMSD Program Planning Guide](#) and the [Signature Programs website](#)

Contact: SME Real World Learning Counselor Jim Dusek, jamesdusek@smsd.org

Online Contemporary Communications (1640) may be taken during in-transit period for one or both semesters during the junior and/or senior year. (**Contemporary Communications fulfills the ELA 3 or ELA 4 graduation requirement.**) Discuss this option with the Real World Learning Counselor or your assigned alpha counselor.

Transit to other locations:

- If a course requires an “in-transit” period, it will take the place of an elective in your SME schedule.
- Write “in-transit” in line 7 on your course request card
- Bus transportation to & from SME is provided.

SME: Shawnee Mission East

CTC: Career and Technical Campus
11475 W. 93rd Street

CAA: Center for Academic Achievement
8200 W. 71st Street

KEY TO COURSE SYMBOLS:

* = Course has a prerequisite

\$ = Course has an additional fee

Animation and Game Design

			Scheduling: total periods required, including transit period	Location	Grade level
	Game Design & Development 1	6032	Each of these courses requires a total of 3 periods in 1 semester. (Course is 2 periods, + 1 period)	CAA	10, 11, 12
*	Game Design & Development 2	6033		CAA	11, 12
	2D Animation & Motion Graphics 1	6071		CAA	10, 11, 12
*	2D Animation & Motion Graphics 2	6072		CAA	10, 11, 12
	3D Modeling & Animation 1	6074	All courses count toward the SMSD Fine Arts graduation requirement	CAA	10, 11, 12
*	3D Modeling & Animation 2	6075		CAA	10, 11, 12

Biotechnology

			Scheduling: total periods required, including transit period	Location	Grade level
	Intro to Biotechnology	4154	1 sem, 1 period @SME	SME	9, 10, 11, 12
* \$	Biotechnology 1 / S.O.P.	4133	Each of these courses requires a total of 3 periods in 1 semester (Course is 2 periods, + 1 period for transit)	CAA	10, 11, 12
*	Plant & Soil Science	4320		CAA	10, 11, 12
* \$	DNA and Protein Diagnostics, Honors	4143		CAA	10, 11, 12
* \$	Agriculture and Pharmacy, Honors	4145		CAA	10, 11, 12
* \$	Biotech Research and Professional Learning Experience, Hon.	4147		CAA	10, 11, 12

Culinary Arts & Hospitality

			Scheduling: total periods required, including transit	Location	Grade level
\$	Commercial Baking 1	6408	Each of these courses requires a total of 3 periods in BOTH semesters for a FULL YEAR. These courses count toward the SMSD Fine Arts graduation requirement. (Courses are 2 periods, + 1 period for transit)	CAA	10, 11, 12
* \$	Commercial Baking 2	6409		CAA	11, 12
\$	Culinary Arts 1	6406		CAA	10, 11, 12
* \$	Culinary Arts 2	6407		CAA	11, 12
	Catering Management & Event Planning (evening only)	6457	Outside the school day, full year	CAA	10, 11, 12
	Intro to Restaurant Management (evening only)	6455	Outside the school day, full year	CAA	10, 11, 12
	Table Service Internship (evening only)	6460	Outside school day, 1 or 2 sem.	CAA	10, 11, 12

Engineering - Project Lead the Way

			Scheduling	Location	Grade level
	Intro to Engineering Design	6769	Each course is full year , 1 period @ SME	SME	9, 10, 11, 12
*	Principles of Engineering, Honors	6784		SME	10, 11, 12
*	Civil Engineering & Architecture, Honors	6780	Each of these courses requires a total of 3 periods in 1 semester . Course is 2 periods, + 1 period for transit to CAA.)	CAA	10, 11, 12
*	Digital Electronics, Honors	6785		CAA	10, 11, 12
*	Cybersecurity, Honors	6632		CAA	10, 11, 12
*	Aerospace Engineering, Honors	6782		CAA	10, 11, 12
*	Adv. Concepts in Comp. Aided Design, Honors	6762		CAA	11, 12
*	Engineering Design and Development, Honors	6783		CAA	12
	Environmental Sustainability	4140	1 semester, 1 period @SME	SME	11, 12

Medical Health Science / Professional Health Studies

Professional Health Studies			Scheduling	Location	Grade level
	Exploring Medical Health Science Careers	4149	1 sem, 1 period @SME	SME	10, 11, 12
*	Medical Health Science - (must take Explor Med Health first)	4146	3 periods total, in 1 semester	CAA	11, 12
* \$	Med Sci Clinical Invest. Hon (must have completed Anatomy)	4138	Full year, 4-period block		12
*	Certified Nursing Assistant (CNA)	4150	Must take Med Sci 1 first Each of these courses requires a total of 3 periods in 1 semester. (Course is 2 periods, + 1 period for transit)		12
*	Applied Medical Science (formerly Sports Medicine 1)	4510			11, 12
*	Sports Medicine Clinical Investigation - Internal	4512			12
*	Sports Medicine Clinical Investigation - External	4514			12
*	Health Care Credentialing	4516		11, 12	

Project Blue Eagle

Law, Public Safety, and Security, Pre-Law, Law Enforcement, Fire Science, and EMS Career Explr. and Prep.

Scheduling				Location	Grade		
Intro course		Blue Eagle Academy	6610	SME	9, 10, 11, 12		
Pre-Law		Intro to Study of Legal Systems	6611		9, 10, 11, 12		
		Business Law	6120		9, 10, 11, 12		
	*	Practical Law	6122		10, 11, 12		
	*	Forensic Science 1	4243		10, 11, 12		
	*	Forensic Science 2	4245		10, 11, 12		
		Accounting	6025		10, 11, 12		
	*	Applications in Law	6618		12		
	*	LPSS Internship (Capstone Course)	6630		Located on site of agency providing mentorship		
					12		
Emergency Med. Svcs (EMS)	*	EMS 1 (Prreq: Blue Eagle Academy)	6620	3 periods total, in 1 semester	CTC	10, 11, 12	
	*	EMS 2	6628			Each of these courses requires a total of 3 periods in both semesters (FULL YEAR) (Course is 2 periods + 1 period for transit)	11, 12
	*	EMS 3	6631				12
Fire Science	*	Fire Sci. 1 (Prreq: Blue Eagle Academy)	6622	10, 11, 12			
	*	Fire Science 2	6624		11, 12		
	*	Fire Science 3 / Hazmat	6625			online	12
		Wild Land Firefighting	6626	11, 12			
Law Enforcement	*	Law Enfc 1 (Prreq: Blue Eagle Academy)	6612	Each of these courses requires a total of 3 periods in 1 semester. (Course is 2 periods, + 1 period for transit)	CTC	10, 11, 12	
	*	Law Enforcement 2	6614			11, 12	
	*	Law Enforcement 3	6630			12	