

SMSD Career Signature Program Courses 2019-20

Consult the [2019-20 SMSD Program of Studies](#) and [Signature Programs website](#) for prerequisites, course descriptions, and complete program information.

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 your counselor.

Transit to other locations: If a course requires an “in-transit” period, it will take the place of an elective. Write “in-transit” in line 7 on your course request card in same semester as class. (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 (check Program of Studies)

Italics = Course may be applied towards Fine Arts graduate requirement

Bold = Must enroll in both fall and spring semesters (full year)

\$ = Course has an additional fee

Animation and Game Design

			Scheduling	In-transit pd. reqd.	Location	Grade level
	<i>Game Design & Development 1</i>	6032	1 semester, 2-period block	YES	CAA	10, 11, 12
*	<i>Game Design & Development 2</i>	6033	1 semester, 2-period block	YES	CAA	10, 11, 12
	<i>2D Animation & Motion Graphics 1</i>	6071	1 semester, 2-period block	YES	CAA	10, 11, 12
*	<i>2D Animation & Motion Graphics 2</i>	6072	1 semester, 2-period block	YES	CAA	10, 11, 12
	<i>3D Modeling & Animation 1</i>	6074	1 semester, 2-period block	YES	CAA	10, 11, 12
*	<i>3D Modeling & Animation 2</i>	6075	1 semester, 2-period block	YES	CAA	10, 11, 12

Biotechnology

			Scheduling	In-transit pd. reqd.	Location	Grade level
	Intro to Biotechnology	4154	1 semester, 1 period	no	SME	10, 11, 12
*\$	Biotechnology 1 / S.L.O.P.	4133	1 semester, 2-period block	YES	CAA	10, 11, 12
*\$	Recombinant DNA and Protein Diagnostics, Honors	4143	1 semester, 2-period block	YES	CAA	11, 12
*\$	Biotech in Agriculture and Pharmaceuticals, Honors	4145	1 semester, 2-period block	YES	CAA	11, 12
*\$	Biotech Research and Professional Learning Experience, Hon.	4147	1 semester, credit varies	YES	CAA	11, 12

Culinary Arts & Hospitality

			Scheduling	In-transit pd. reqd.	Location	Grade level
\$	Commercial Baking 1	6408	Full year, 2-period block	YES	CAA	10, 11, 12
*\$	Commercial Baking 2	6409	Full year, 2-period block	YES	CAA	11, 12
\$	Culinary Arts 1	6406	Full year, 2-period block	YES	CAA	10, 11, 12
*\$	Culinary Arts 2	6407	Full year, 2-period block	YES	CAA	11, 12
	Catering Management & Event Planning (evening only)	6457	Outside school day, full year	no	CAA	10, 11, 12
	Intro to Restaurant Management (evening only)	6455	Outside school day, full year	no	CAA	10, 11, 12
	Table Service Internship (evening only)	6460	Outside school day, 1 or 2 sem.	no	CAA	10, 11, 12

Engineering - Project Lead the Way

			Scheduling	In-transit pd. reqrd.	Location	Grade level
*	Introduction to Engineering Design	6769	Full year, 1 period	no	SME	9, 10, 11, 12
*	Principles of Engineering, Honors	6784	Full year, 1 period	no	SME	10, 11, 12
*	Civil Engineering & Architecture, Honors	6780	1 semester, 2-period block	YES	CAA	10, 11, 12
*	Digital Electronics, Honors	6785	1 semester, 2-period block	YES	CAA	10, 11, 12
*	Cybersecurity, Honors	6632	1 semester, 2-period block	YES	CAA	10, 11, 12
*	Aerospace Engineering, Honors	6782	1 semester, 2-period block	YES	CAA	10, 11, 12
*	Adv. Concepts in Comp. Aided Design, Honors	6762	1 semester, 2-period block	YES	CAA	11, 12
*	Engineering Design and Development, Honors	6783	1 semester, 2-period block	YES	CAA	12
	Environmental Sustainability	4140	1 semester, 1 period	no	SME	11, 12

Medical Health Science / Professional Health Studies

			Scheduling	In-transit pd. reqrd.	Location	Grade level
	Exploring Medical Health Science Careers	4149	1 semester, 2-period block	no	SME	10, 11, 12
*	Medical Health Science 1	4146	1 semester, 2-period block	YES	CAA	11, 12
* \$	Medical Health Sci. 2 Hon (must have completed Anatomy)	4138	Full year, 3-period block	YES	CAA	12
*	Certified Nursing Assistant (CNA)	4150	1 semester, 2-period block	YES	CAA	10, 11, 12
*	Sports Medicine 1	4510	1 semester, 2-period block	YES	CAA	11, 12
*	Sports Medicine 2	4512	1 semester, 2-period block	YES	CAA	12
*	Sports Medicine 3	4514	1 semester, 2-period block	YES	CAA	12
*	Health Care Credentialing	4516	1 semester, 2-period block	YES	CAA	11, 12

Project Blue Eagle

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

			Scheduling	In-transit pd. reqd	Location	Grade
Intro course	Blue Eagle Academy	6610	1 semester, 1 period	no	SME	9, 10, 11, 12
Pre-Law	Intro to Study of Legal Systems	6611	1 semester, 1 period	no	SME	9, 10, 11, 12
	Business Law	6120	1 semester, 1 period	no	SME	9, 10, 11, 12
	* Practical Law	6122	1 semester, 1 period	no	SME	10, 11, 12
	Accounting	6025	Full year, 1 period	no	SME	10, 11, 12
	* Forensic Science 1	4243	1 semester, 1 period	no	SME	10, 11, 12
	* Forensic Science 2	4245	1 semester, 1 period	no	SME	10, 11, 12
	* Applications in Law	6618	Full year, 1 period	no	SME	12
Emergency Med. Svcs (EMS)	* EMS 1	6620	1 semester, 1 period	no	SME	10, 11, 12
	* EMS 2	6628	Full year, 2-period block	YES	CTC	11, 12
Fire Science	* Fire Science 1	6622	Full year, 2-period block	YES	CTC	10, 11, 12
	* Fire Science 2	6624	Full year, 2-period block	YES	CTC	11, 12
	* Hazmat for First Responders	6627	Online only, outside school day	no	online	11, 12
	Wild Land Firefighting	6626	Online only, outside school day	no	online	11, 12
Law Enforcement	* Law Enforcement 1	6612	1 semester, 2- period block	YES	CTC	10, 11, 12
	* Law Enforcement 2	6614	1 semester, 2-period block	YES	CTC	11, 12
Capstone course	* LPSS Internship (for Pre-Law or Law Enforcement)	6630	1 semester, 1 period	YES	CTC	12