

# SMSD Career Signature Program Courses 2022-23

Consult the [2022-23 SMSD Program Planning Guide](#) and the [Signature Programs website](#)

**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 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                      *Italics* = Course may be applied towards Fine Arts graduate requirement  
 \$ = Course has an additional fee

## Animation and Game Design

			Scheduling: total periods required, including transit period	Location	Grade level
	<i>Game Design &amp; Development 1</i>	6032	Each of these courses requires a <b>total of 3 periods in 1 semester.</b>  (Course is 2 periods, + 1 period)	CAA	10, 11, 12
*	<i>Game Design &amp; Development 2</i>	6033		CAA	10, 11, 12
	<i>2D Animation &amp; Motion Graphics 1</i>	6071		CAA	10, 11, 12
*	<i>2D Animation &amp; Motion Graphics 2</i>	6072		CAA	10, 11, 12
	<i>3D Modeling &amp; Animation 1</i>	6074		CAA	10, 11, 12
*	<i>3D Modeling &amp; Animation 2</i>	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 <b>total of 3 periods in 1 semester</b>  (Course is 2 periods, + 1 period for transit)	CAA	10, 11, 12
* \$	Recombinant DNA and Protein Diagnostics, Honors	4143		CAA	11, 12
* \$	Biotech in Agriculture and Pharmaceuticals, Honors	4145		CAA	10, 11, 12
* \$	Biotech Research and Professional Learning Experience, Hon. (1 sem, credit varies)	4147		CAA	11, 12

## Culinary Arts & Hospitality

			Scheduling: total periods required, including transit	Location	Grade level
\$	<i>Commercial Baking 1</i>	6408	Each of these courses requires a <b>total of 3 periods each semester for a full year.</b>  (Course is 2 periods, + 1 period for transit)	CAA	10, 11, 12
* \$	<i>Commercial Baking 2</i>	6409		CAA	11, 12
\$	<i>Culinary Arts 1</i>	6406		CAA	10, 11, 12
* \$	<i>Culinary Arts 2</i>	6407		CAA	11, 12
	Catering Management & Event Planning (evening only)	6457	Outside school day, full year	CAA	10, 11, 12
	Intro to Restaurant Management (evening only)	6455	Outside 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 <b>full year</b> , 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 <b>total of 3 periods</b> in <b>1 semester</b> . (Course is 2 periods, + 1 period for transit.)	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

## Medical Health Science / Professional Health Studies

			Scheduling	Location	Grade level
	Exploring Medical Health Science Careers	4149	<b>1 sem, 1 period @SME</b>	SME	10, 11, 12
*	Medical Science - (must take Explor Med Health first)	4146	<b>3 periods total, in 1 semester</b>	CAA	11, 12
* \$	Med Sci Clinical Invest. Hon (must have completed Anatomy)	4138	<b>Full year, 4-period block</b>		12
*	Certified Nursing Assistant (CNA)	4150	<b>Must take Med Sci 1 first</b> Each of these courses requires a total of <b>3 periods in 1 semester</b> . (Course is 2 periods, + 1 period for transit)		12
*	Applied Medical Science	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
<b>Intro course</b>	Blue Eagle Academy	6610	1 semester, 1 period @SME	SME	9, 10, 11, 12
<b>Pre-Law</b>	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			<b>FULL YEAR</b> , 1 period @SME
<b>Emergency Med. Svcs (EMS)</b>	* EMS 1	6620	<b>3 periods total, in 1 semester</b>	CTC	10, 11, 12
	* EMS 2	6628	Each of these courses requires a total of <b>3 periods each semester for a FULL YEAR</b> . (Course is 2 periods + 1 period for transit)		11, 12
<b>Fire Science</b>	* Fire Science 1	6622			10, 11, 12
	* Fire Science 2	6624	Online only, outside school day	online	11, 12
	* Hazmat for First Responders	6627			11, 12
	Wild Land Firefighting	6626			11, 12
<b>Law Enforcement</b>	* Law Enforcement 1	6612	Each of these courses requires a <b>total of 3 periods in 1 semester</b> . (Course is 2 periods, + 1 period for transit)	CTC	10, 11, 12
	* Law Enforcement 2	6614			11, 12
<b>Capstone course</b>	* LPSS Internship (for Pre-Law, Fire Science, or Law Enforcement)	6630	1 semester, 1 period		12