

Missouri Course Access and Virtual School Program (MOCAP) Course Catalog-Connections Academy (MOCAS)

All Missouri Connections Academy Courses are Full Time Offerings

Course Name	Grade Level (K-12)	Type of Credit (ELA, Science, Electives, Etc.)	MOSIS Course Abbreviation	MOSIS Course ID	NCAA Approved? (Yes or No)	Prerequisites (Yes or No)	Number of Semesters (1 or 2)	Synchronous	Per Semester With Teachers	Per Year With Teachers	Materials and Book Cost	Vendor	Course Description
Kindergarten Full Time	K						2		\$2,996	\$5,993		Connections Academy	
Art K	K	Fine Arts	ART	024100			2	Both					For course descriptions click here!
Experiencing Music I	K	Fine Arts	INST MUSIC	125500			2	Both					For course descriptions click here!
Language Arts K	K	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Math K	K	Mathematics	SUPP MATH	115891			2	Both					For course descriptions click here!
Physical Education K	K	Physical Education & Health	PE	086000			2	Both					For course descriptions click here!
Science K	K	Science	GEN SCI	135000			2	Both					For course descriptions click here!
Social Studies K	K	Social Studies	SOC STUD	156600			2	Both					For course descriptions click here!

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1st Grade Full Time	1						2		\$2,996	\$5,993		Connections Academy	
Art 1	1	Fine Arts	ART	024100			2	Both					For course descriptions click here!
Experiencing Music II	1	Fine Arts	INST MUSIC	125500			2	Both					For course descriptions click here!
Language Arts 1	1	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Math 1	1	Mathematics	SUPP MATH	115891			2	Both					For course descriptions click here!
Physical Education 1	1	Physical Education & Health	PE	086000			2	Both					For course descriptions click here!
Science 1	1	Science	GEN SCI	135000			2	Both					For course descriptions click here!
Social Studies 1	1	Social Studies	SOC STUD	156600			2	Both					For course descriptions click here!

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2nd Grade Full Time	2						2		\$2,996	\$5,993		Connections Academy	
Art 2	2	Fine Arts	ART	024100			2	Both					For course descriptions click here!
Computer Science 2	2	Computer Science	COMPUTER SCI	991105			2	Both					For course descriptions click here!
Experiencing Music III	2	Fine Arts	INST MUSIC	125500			2	Both					For course descriptions click here!
Language Arts 2	2	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Math 2	2	Mathematics	SUPP MATH	115891			2	Both					For course descriptions click here!
Physical Education 2	2	Physical Education & Health	PE	086000			2	Both					For course descriptions click here!
Science 2	2	Science	GEN SCI	135000			2	Both					For course descriptions click here!

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Social Studies 2	2	Social Studies	SOC STUD	156600			2	Both					For course descriptions click here!
3rd Grade Full Time	3						2		\$2,996	\$5,993		Connections Academy	
Art 3	3	Fine Arts	ART	024100			2	Both					For course descriptions click here!
Connected Language Arts 3	3	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Connected Math 3	3	Mathematics	SUPP MATH	115891			2	Both					For course descriptions click here!
Connected Science 3	3	Science	GEN SCI	135000			2	Both					For course descriptions click here!
Connected Social Studies 3	3	Social Studies	SOC STUD	156600			2	Both					For course descriptions click here!
Discovering Music I	3	Fine Arts	INST MUSIC	125500			2	Both					For course descriptions click here!

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Essential Math 3	3	Mathematics	SUPP MATH	115891			2	Both					For course descriptions click here!
Gifted and Talented Language Arts 3	3	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Gifted and Talented Math 3	3	Mathematics	SUPP MATH	115891			2	Both					For course descriptions click here!
Gifted and Talented Science 3	3	Science	GEN SCI	135000			2	Both					For course descriptions click here!
Language Arts 3	3	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Math 3	3	Mathematics	SUPP MATH	115891			2	Both					For course descriptions click here!
Physical Education 3	3	Physical Education & Health	PE	086000			2	Both					For course descriptions click here!
Science 3	3	Science	GEN SCI	135000			2	Both					For course descriptions click here!

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Social Studies 3	3	Social Studies	SOC STUD	156600			2	Both					For course descriptions click here!
4th Grade Full Time	4						2		\$2,996	\$5,993		Connections Academy	
Art 4	4	Fine Arts	ART	024100			2	Both					For course descriptions click here!
Connected Language Arts 4	4	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Connected Math 4	4	Mathematics	SUPP MATH	115891			2	Both					For course descriptions click here!
Connected Science 4	4	Science	GEN SCI	135000			2	Both					For course descriptions click here!
Connected Social Studies 4	4	Social Studies	SOC STUD	156600			2	Both					For course descriptions click here!
Discovering Music II	4	Fine Arts	INST MUSIC	125500			2	Both					For course descriptions click here!

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Essential Math 4	4	Mathematics	SUPP MATH	115891			2	Both					For course descriptions click here!
Gifted and Talented Language Arts 4	4	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Gifted and Talented Math 4	4	Mathematics	SUPP MATH	115891			2	Both					For course descriptions click here!
Gifted and Talented Science 4	4	Science	GEN SCI	135000			2	Both					For course descriptions click here!
Language Arts 4	4	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Math 4	4	Math	SUPP MATH	115891			2	Both					For course descriptions click here!
Physical Education 4	4	Physical Education & Health	PE	086000			2	Both					For course descriptions click here!
Science 4	4	Science	GEN SCI	135000			2	Both					For course descriptions click here!

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Social Studies 4	4	Social Studies	SOC STUD	156600			2	Both					For course descriptions click here!
5th Grade Full Time	5						2		\$2,996	\$5,993		Connections Academy	
Art 5	5	Fine Arts	ART	024100			2	Both					For course descriptions click here!
Computer Science 5	5	Computer Science	COMPUTER SCI	991105			1	Both					For course descriptions click here!
Connected Language Arts 5	5	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Connected Math 5	5	Mathematics	SUPP MATH	115891			2	Both					For course descriptions click here!
Connected Science 5	5	Science	GEN SCI	135000			2	Both					For course descriptions click here!
Connected Social Studies 5	5	Social Studies	SOC STUD	156600			2	Both					For course descriptions click here!

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Discovering Music III	5	Fine Arts	INST MUSIC	125500			2	Both					For course descriptions click here!
Essential Math 5	5	Mathematics	SUPP MATH	115891			2	Both					For course descriptions click here!
Gifted and Talented Language Arts 5	5	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Gifted and Talented Math 5	5	Mathematics	SUPP MATH	115891			2	Both					For course descriptions click here!
Gifted and Talented Science 5	5	Science	GEN SCI	135000			2	Both					For course descriptions click here!
Language Arts 5	5	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Math 5	5	Mathematics	SUPP MATH	115891			2	Both					For course descriptions click here!
Physical Education 5	5	Physical Education & Health	PE	086000			2	Both					For course descriptions click here!

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Science 5	5	Science	GEN SCI	135000			2	Both					For course descriptions click here!
Social Studies 5	5	Social Studies	SOC STUD	156600			2	Both					For course descriptions click here!
Elementary Electives												Connections Academy	
Elementary Sign Language	K-5	World Language	ASL	062000			2	Both					For course descriptions click here!
Elementary Spanish I	3-5	World Language	SPANISH	066300			2	Both					For course descriptions click here!
Elementary Spanish II	3-5	World Language	SPANISH	066300			2	Both					For course descriptions click here!
6th Grade Full Time	6						2		\$2,996	\$5,993		Connections Academy	
Art 6	6	Fine Arts	ART	024100			2	Both					For course descriptions click here!

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Connected Language Arts 6	6	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Connected Science 6	6	Science	GEN SCI	135000			2	Both					For course descriptions click here!
Exploring Music I	6	Fine Arts	INST MUSIC	125500			2	Both					For course descriptions click here!
Geography	6	Social Studies	SOC STUD	156600			2	Both					For course descriptions click here!
Gifted and Talented Language Arts 6	6	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Gifted and Talented Math 6	6	Mathematics	SUPP MATH	115891			2	Both					For course descriptions click here!
Gifted and Talented Science 6	6	Science	EARTH SCI	133800			2	Both					For course descriptions click here!
Health and Physical Education 6	6	Physical Education & Health	PE-HLTH	086045			2	Both					For course descriptions click here!

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Language Arts 6	6	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Math 6	6	Mathematics	SUPP MATH	115891			2	Both					For course descriptions click here!
Science 6	6	Science	EARTH SCI	133800			2	Both					For course descriptions click here!
7th Grade Full Time	7						2		\$2,996	\$5,993		Connections Academy	
Art 7	7	Fine Arts	ART	024100			2	Both					For course descriptions click here!
Connected Language Arts 7	7	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Connected Science 7	7	Science	GEN SCI	135000			2	Both					For course descriptions click here!
Exploring Music II	7	Fine Arts	INST MUSIC	125500			2	Both					For course descriptions click here!

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Gifted and Talented Language Arts 7	7	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Gifted and Talented Math 7	7	Mathematics	SUPP MATH	115891			2	Both					For course descriptions click here!
Gifted and Talented Science 7	7	Science	LIFE SCI	134230			2	Both					For course descriptions click here!
Health and Physical Education 7	7	Physical Education & Health	PE-HLTH	086045			2	Both					For course descriptions click here!
Language Arts 7	7	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Math 7	7	Mathematics	SUPP MATH	115891			2	Both					For course descriptions click here!
Science 7	7	Science	LIFE SCI	134230			2	Both					For course descriptions click here!
World History	7	Social Studies	SOC STUD	156600			2	Both					For course descriptions click here!

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8th Grade Full Time	8						2		\$2,996	\$5,993		Connections Academy	
American History	8	Social Studies	SOC STUD	156600			2	Both					For course descriptions click here!
Art 8	8	Fine Arts	ART	024100			2	Both					For course descriptions click here!
Connected Language Arts 8	8	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Connected Science 8	8	Science	GEN SCI	135000			2	Both					For course descriptions click here!
Exploring Music III	8	Fine Arts	INST MUSIC	125500			2	Both					For course descriptions click here!
Gifted and Talented Language Arts 8	8	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Gifted and Talented Math 8	8	Mathematics	SUPP MATH	115891			2	Both					For course descriptions click here!

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Gifted and Talented Science 8	8	Science	PHYS SCI	135010			2	Both					For course descriptions click here!
Health and Physical Education 8	8	Physical Education & Health	PE-HLTH	086045			2	Both					For course descriptions click here!
Language Arts 8	8	English Language Arts	LANG ARTS	054800			2	Both					For course descriptions click here!
Math 8	8	Mathematics	SUPP MATH	115891			2	Both					For course descriptions click here!
Science 8	8	Science	PHYS SCI	135010			2	Both					For course descriptions click here!
Middle School Electives												Connections Academy	
Home Life	6-8	Elective	EXP-ENRICH	991010			1	Both					For course descriptions click here!
Middle School Career Exploration 1	6-8	Elective	CAREER ED	995050			1	Both					For course descriptions click here!

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Middle Sign Language	6-8	World Language	ASL	062000			2	Both					For course descriptions click here!
Middle Spanish I	6-8	World Language	SPANISH	066300			2	Both					For course descriptions click here!
Middle Spanish II	6-8	World Language	SPANISH	066300			2	Both					For course descriptions click here!
High School Courses (Choose 6)	9-12						2		\$2,996	\$5,993		Connections Academy	
Algebra I	9-12	Mathematics	ALGEBRA	115810	Yes	No	2	Both					For course descriptions click here!
Algebra II	9-12	Mathematics	ALGEBRA	115810	Yes	Yes	2	Both					For course descriptions click here!
American Government	9-12	Social Studies	AMER GOVT	156651	Yes	No	1	Both					For course descriptions click here!
Anatomy and Physiology	9-12	Physical Education & Health	PHYS-ANAT	085310	Yes	No	2	Both					For course descriptions click here!

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AP Biology	9-12	AP-Science	AP-BIOLOGY	134295	Yes	No	2	Both					For course descriptions click here!
AP Calculus AB	9-12	AP-Mathematics	AP-CALC AB	115895	Yes	No	2	Both					For course descriptions click here!
AP Computer Science Principles	9-12	AP-Elective	AP-CMPR SC P	991196	Yes	No	2	Both					For course descriptions click here!
AP English Language and Composition	9-12	AP-English Language Arts	AP-ENG LN CP	054895	Yes	No	2	Both					For course descriptions click here!
AP English Literature and Composition	9-12	AP-English Language Arts	AP-ENG LT CP	054995	Yes	No	2	Both					For course descriptions click here!
AP Environmental Science	9-12	AP-Science	AP-ENVIR SCI	134195	Yes	No	2	Both					For course descriptions click here!
AP Human Geography	9-12	AP-Social Studies	AP-HUM GEPHY	156495	Yes	No	2	Both					For course descriptions click here!
AP Macroeconomics	9-12	AP-Social Studies	AP-MACROECON	156895	Yes	No	1	Both					For course descriptions click here!

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AP Microeconomics	9-12	AP-Social Studies	AP-MICROECON	156995	Yes	No	1	Both					For course descriptions click here!
AP Psychology	9-12	AP-Social Studies	AP-PSYCHOLGY	156195	Yes	No	1	Both					For course descriptions click here!
AP Spanish Language and Culture	9-12	AP-World Language	AP-SPAN LANG	066395	Yes	No	2	Both					For course descriptions click here!
AP Statistics	9-12	AP-Mathematics	AP-STAT	115795	Yes	No	2	Both					For course descriptions click here!
AP United States Government and Politics	9-12	AP-Social Studies	AP-US GOVPOL	156795	Yes	No	1	Both					For course descriptions click here!
AP United States History	9-12	AP-Social Studies	AP-US HIST	156295	Yes	No	2	Both					For course descriptions click here!
Art and World Cultures	9-12	Fine Arts	ART APPREC	024110	No	No	1	Both					For course descriptions click here!
Art History	9-12	Fine Arts	ART APPREC	024110	No	No	2	Both					For course descriptions click here!

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Biology	9-12	Science	BIOLOGY	134200	Yes	No	2	Both					For course descriptions click here!
Business Applications	9-12	Business	BUS COMMUN	034320	No	No	1	Both					For course descriptions click here!
Calculus	9-12	Mathematics	CALCULUS	115866	Yes	Yes	2	Both					For course descriptions click here!
Career Planning and Skill Development	9-12	Elective	CAREER ED	995050	No	No	1	Both					For course descriptions click here!
Chemistry	9-12	Science	CHEMISTRY	134600	Yes	No	2	Both					For course descriptions click here!
College Prep with ACT	9-12	Test Prep	ACT-SAT	994025	No	No	1	Both					For course descriptions click here!
College Prep with SAT	9-12	Test Prep	ACT-SAT	994025	No	No	1	Both					For course descriptions click here!
Consumer Math	9-12	Mathematics	CONSM MATH	115868	No	No	2	Both					For course descriptions click here!

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Digital Photography I	9-12	Fine Arts	PHOTOGRPH Y	024130	No	No	2	Both					For course descriptions click here!
Earth Science	9-12	Science	EARTH SCI	133800	Yes	No	2	Both					For course descriptions click here!
English I	9-12	English Language Arts	LANG ARTS	054800	Yes	No	2	Both					For course descriptions click here!
English II	9-12	English Language Arts	LANG ARTS	054800	Yes	No	2	Both					For course descriptions click here!
English III	9-12	English Language Arts	LANG ARTS	054800	Yes	No	2	Both					For course descriptions click here!
English IV	9-12	English Language Arts	LANG ARTS	054800	Yes	No	2	Both					For course descriptions click here!
Environmental Science	9-12	Science	EARTH SCI	133800	Yes	No	2	Both					For course descriptions click here!
Explorations in Mathematics	9-12	Mathematics	OTHER MATH	115899	No	No	2	Both					For course descriptions click here!

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French I	9-12	World Language	FRENCH	064900	Yes	No	2	Both					For course descriptions click here!
French II	9-12	World Language	FRENCH	064900	Yes	Yes	2	Both					For course descriptions click here!
French III	9-12	World Language	FRENCH	064900	Yes	Yes	2	Both					For course descriptions click here!
French IV	9-12	World Language	FRENCH	064900	Yes	Yes	2	Both					For course descriptions click here!
Game Design for Chromebooks	9-12	Elective	DESIGN THKNG	990300	No	No	1	Both					For course descriptions click here!
Geometry	9-12	Mathematics	GEOMETRY	115830	Yes	No	2	Both					For course descriptions click here!
German I	9-12	World Language	GERMAN	065100	Yes	No	2	Both					For course descriptions click here!
German II	9-12	World Language	GERMAN	065100	Yes	Yes	2	Both					For course descriptions click here!

Missouri Course Access and Virtual School Program (MOCAP) Course Catalog-Connections Academy (MOCAS)

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German III	9-12	World Language	GERMAN	065100	Yes	Yes	2	Both					For course descriptions click here!
High School Computer Science	9-12	Business	COMP SCI	991105	No	No	2	Both					For course descriptions click here!
High School Health	9-12	Physical Education & Health	HEALTH	085300	No	No	1	Both					For course descriptions click here!
Honors Algebra I	9-12	Mathematics	ALGEBRA	115810	Yes	No	2	Both					For course descriptions click here!
Honors Algebra II	9-12	Mathematics	ALGEBRA	115810	Yes	Yes	2	Both					For course descriptions click here!
Honors American Government	9-12	Social Studies	AMER GOVT	156651	Yes	No	1	Both					For course descriptions click here!
Honors Biology	9-12	Science	BIOLOGY	134200	Yes	No	2	Both					For course descriptions click here!
Honors Chemistry	9-12	Science	CHEMISTRY	134600	Yes	Yes	2	Both					For course descriptions click here!

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Honors Earth Science	9-12	Science	EARTH SCI	133800	Yes	No	2	Both					For course descriptions click here!
Honors English I	9	English Language Arts	LANG ARTS	054800	Yes	No	2	Both					For course descriptions click here!
Honors English II	10	English Language Arts	LANG ARTS	054800	Yes	No	2	Both					For course descriptions click here!
Honors English III	11	English Language Arts	LANG ARTS	054800	Yes	No	2	Both					For course descriptions click here!
Honors English IV	12	English Language Arts	LANG ARTS	054800	Yes	No	2	Both					For course descriptions click here!
Honors Geometry	9-12	Mathematics	GEOMETRY	115830	Yes	Yes	2	Both					For course descriptions click here!
Honors Physical Science	9-12	Science	PHYS SCI	135010	Yes	No	2	Both					For course descriptions click here!
Honors Physics	9-12	Science	PHYSICS	135900	Yes	Yes	2	Both					For course descriptions click here!

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Honors United States History	9-12	Social Studies	AMER HIST	156661	Yes	No	2	Both					For course descriptions click here!
Honors World History	9-12	Social Studies	WORLD HIST	156663	Yes	No	2	Both					For course descriptions click here!
Internship & Work Study	9-12	Elective	C EX OFF-C	997001	No	No	2	Both					For course descriptions click here!
Introduction to Drawing	9-12	Fine Arts	DRAWING	024150	No	No	1	Both					For course descriptions click here!
Introduction to Graphic Design	9-12	Fine Arts	DESIGN	024140	No	No	2	Both					For course descriptions click here!
Japanese I	9-12	World Language	JAPANESE	068000	Yes	No	2	Both					For course descriptions click here!
Japanese II	9-12	World Language	JAPANESE	068000	Yes	Yes	2	Both					For course descriptions click here!
Journalism	9-12	Journalism	JOURNALISM	054810	Yes	No	2	Both					For course descriptions click here!

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Learning in a Digital World	9-12	Elective	COMPUTER LIT	991100	No	No	1	Both					For course descriptions click here!
Life Skills: Navigating Adulthood	9-12	Elective	LIFE SKILL	994020	No	No	1	Both					For course descriptions click here!
Living Music I	9-12	Fine Arts	INST MUSIC	125500	No	No	1	Both					For course descriptions click here!
Living Music II	9-12	Fine Arts	INST MUSIC	125500	No	Yes	1	Both					For course descriptions click here!
Marine Science	9-12	Science	O BIOL SCI	134299	No	No	2	Both					For course descriptions click here!
Personal Finance	9-12	Elective	PERS FIN	996400	No	No	1	Both					For course descriptions click here!
Physical Education	9-12	Physical Education & Health	PE	086000	No	No	2	Both					For course descriptions click here!
Physical Science	9-12	Science	PHYS SCI	135010	Yes	No	2	Both					For course descriptions click here!

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Physics	9-12	Science	PHYSICS	135900	Yes	Yes	2	Both					For course descriptions click here!
Precalculus	9-12	Mathematics	EL FUNCT	115870	Yes	Yes	2	Both					For course descriptions click here!
Sign Language I	9-12	World Language	ASL	062000	Yes	No	2	Both					For course descriptions click here!
Sign Language II	9-12	World Language	ASL	062000	Yes	Yes	2	Both					For course descriptions click here!
Spanish I	9-12	World Language	SPANISH	066300	Yes	No	2	Both					For course descriptions click here!
Spanish II	9-12	World Language	SPANISH	066300	Yes	Yes	2	Both					For course descriptions click here!
Spanish III	9-12	World Language	SPANISH	066300	Yes	Yes	2	Both					For course descriptions click here!
Spanish IV	9-12	World Language	SPANISH	066300	Yes	Yes	2	Both					For course descriptions click here!

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Statistics	9-12	Mathematics	PROB-STAT	115875	Yes	Yes	2	Both					For course descriptions click here!
United States History	9-12	Social Studies	AMER HIST	156661	Yes	No	2	Both					For course descriptions click here!
Web Design I	9-12	Business	WEB DES	034393	No	No	2	Both					For course descriptions click here!
World Geography	9-12	Social Studies	GEOGRAPHY	156640	Yes	No	1	Both					For course descriptions click here!
World History	9-12	Social Studies	WORLD HIST	156663	Yes	No	2	Both					For course descriptions click here!

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