

TYPE		SUBJECT	COURSES--GRADE OF "C" OR BETTER				TOTAL	
MS	SS	<b>Agriculture</b>	animal science	plant science	agricultural mech.			
MS	SS	<b>Art</b>	drawing & painting	art history or apprec	crafts			
MS	SS	<b>Business</b>	Business Management	Business Marketing /Intro. Business	Computer Concepts	Economics	Bus Comm	Accounting
MS	SS	<b>Computer Science</b>	computational thinking	computing practice and programming	computers and communication devices	impacts of computing (e.g., social, ethical, legal)		
MS	SS	<b>English</b>	grammar or lang struct	composition	literature			
MS	SS	<b>Health Science</b>	substance abuse	nutrition	school health programs	Family Life Education	Health Ed Theory	
MS	SS	<b>Home Economics</b>	food and nutrition	clothing	child development	family life and parenting	Lab comp	
MS	SS	<b>Industrial Arts</b>	drafting or graphic arts	woods or metals	electricity or electronics			
MS	SS	<b>A Language Other Than English</b>	grammar	composition	conversation	literature	oral lang prof.	
MS	SS	<b>Mathematics</b>	algebra	geometry	real numbers/intro math	O R	3 courses in higher math	
MS	SS	<b>Music</b>	vocal music	instrumental music	music hist or apprec	music theory		
MS	SS	<b>Physical Education</b>	team sports and games	mvmnt skills	human mvmt, motor dev.	global sports and games		
MS	SS	<b>Science</b>	biological sciences	chemistry	physics	geosciences	<i>lab comp?</i>	<i>1 yr seq in two areas?</i>
MS	SS	<b>Social Science</b>	United States history	California history	world history	geography	U. S. govt	

**SPECIFIC SUBJECTS**

Accounting Including Finance*	Consumer education (Home Economics)	Geography	Ornamental horticulture
Agricultural mechanics	Crafts, including jewelry and ceramics (Art)	Geosciences	Painting and drawing
Animal science	Dance	Graphic Arts	Photography
Anthropology	Drafting	Industrial crafts and plastics	Physics
Auto mechanics	Drama	Instrumental music	Plant science
Biological Sciences✓	Economics	Interior Design (Home Economics)✓	Plastics (Industrial Arts)
Chemistry✓	Economic and consumer education	Economics✓	Psychology
Child Development (Home Economics) ✓	Electronics	Journalism	Sociology
Clothing and textiles (Home Economics) ✓	English Composition	Literature	Speech
Community and family health, including drug use and abuse	Family Life and Parenting (Home Economics)	Marketing/Entrepreneurship	US Government and US Civics
Comparative political systems and international relations	Family Life Ed including Drug, Alcohol and Tobacco Abuse Prevention (Health Science)**	Metals (Industrial Arts)	US History and California History
Computer Science	Foods and nutrition (Home Economics) ✓	Office Technologies including Word Processing and Business Communications	Vocal Music
	Forestry and horticulture		Woods (Industrial Arts)
			World History

\* Must included one course in accounting and one course in finance

\*\* Must include the following components: S.T.D.'s; human development and sexuality; parent education; violence prevention; drug prevention

✓ Must include laboratory component

**SPECIFIC SUBJECTS IN SCIENCE**

To obtain a specific subject in science, the teacher's course of study must include each of the components for that area as shown below.

**TOTAL**

Biological Sciences	molecular and cellular biology, biology of organisms, and evolution	lab component?	
Chemistry	structure and stability, and chemical reactions	lab component?	
Geosciences	astronomy, geology, meteorology, and oceanography	lab component?	
Physics	energy-mechanics, energy-heat, energy-electricity and magnetism, wave motion, and atomic and nuclear physics	lab component?	

**SPECIFIC SUBJECT IN COMPUTER SCIENCE**

To obtain a specific subject in computer science, the teacher's course of study must include each of the components for that area as shown below.

**TOTAL**

Computer Science	computer programming; data structures and algorithms; digital devices, systems and networks; software design; impacts of computing (e.g., social, ethical, legal)	
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**SPECIFIC SUBJECTS**

**TOTAL**

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**TOTAL**
