

## RED MOUNTAIN HIGH SCHOOL 2009-2010 SOPHOMORE COURSES

### AGRICULTURE

<i>Course ID</i>	<i>Course Name</i>	<i>Prerequisites/Comments</i>	<i>Sem/Yr</i>
AG25	Introduction to Agricultural Science ^		Year
*AG30	Applied Biological Systems	Students who have earned credit for SC49 cannot earn credit for this course.	Year
AG31	Animal Science ^	AG30 <i>or</i> SC49	Year
AG35	Veterinary Science ^	AG31 recommended	Year
AG51	Plant Science I ^		Year
AG53	Biotechnology Agricultural Applications ^		1-2 sem
AG61	Applied Environmental Science ^	AG25 recommended	Year
*SC48W	Biotechnology I ^	SC49 <i>or</i> AG30 with C or better	Year

### ART

<i>Course ID</i>	<i>Course Name</i>	<i>Prerequisites/Comments</i>	<i>Sem/Yr</i>
*AR32	Beginning Photography	35mm camera recommended	Sem
*AR33	Intermediate Photography	AR32; 35mm camera recommended	Sem
*AR40	Stained Glass		Sem
*AR41	Beginning Ceramics		Sem
*AR42	Intermediate Stained Glass	AR40	Sem
*AR43	Intermediate Ceramics	AR41	Sem
*AR54	Beginning Jewelry		Sem
*AR56	Intermediate Jewelry	AR54	Sem
*AR60	Beginning Painting	AR63 <i>or</i> teacher approval	Sem
*AR61	Intermediate Painting	AR60	Sem
*AR63	Beginning Drawing		Sem
*AR64	Intermediate Drawing	AR63	Sem
*AR69	Introduction to Sculpture		Sem
*AR70	Art Design with Photoshop I		Sem
*AR71	Art Design with Photoshop II	AR70	Sem
*AR82W	Advanced Placement Art History	Two semesters of history & 3.0 GPA recommended	Year

### BUSINESS EDUCATION

<i>Course ID</i>	<i>Course Name</i>	<i>Prerequisites/Comments</i>	<i>Sem/Yr</i>
BE30	Business for the 21 <sup>st</sup> Century		Sem
BE52	Marketing I		Sem
BE53	Marketing II	BE52	Sem
BE54	Student Store	Store Manager interview; BE52 strongly recommended concurrently	

### COMPUTER EDUCATION

<i>Course ID</i>	<i>Course Name</i>	<i>Prerequisites/Comments</i>	<i>Sem/Yr</i>
CB10	Computer Foundations	Required for all other computer classes <i>or</i> pass competency test	Sem
CB11	Computer Applications	CB02 <i>or</i> CB10	Sem

"W" *weighted course - Student must be enrolled in class the entire year in order to receive weighted credit.*

^ *Optional dual enrollment*

Δ *Elective credit only*

\* *asterisk - meets core course competency requirements for AZ universities*

CB14	Business Technology I	CB02 <i>or</i> CB10	Sem
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### COMPUTER EDUCATION

<i>Course ID</i>	<i>Course Name</i>	<i>Prerequisites/Comments</i>	<i>Sem/Yr</i>
CB16	Law and Business Ownership		Sem
CB17	Banking and Investment Management		Sem
CB18	Desktop Publishing and Graphics	CB02 <i>or</i> CB10 required; CB11 highly recommended	Sem
CB19	Accounting and Financial Analysis		Sem
CB20	Web Page Design	CB02 <i>or</i> CB10 required; CB11 highly recommended	Sem
CB21	Advanced Web Page Design	CB20	Sem
CB31	Visual BASIC Programming I	MA27 with a C or better	Sem
CB32	Visual BASIC Programming II	CB31 <i>and</i> MA27 with C or better	Sem
CB44	Computer Maintenance and Repair	Computer experience <i>and</i> teacher approval (Mrs. Hain - Rm 131)	Sem
CB50	Computer Maintenance & Repair II	CB44 <i>and</i> teacher approval (Mrs. Hain, Rm 131)	Sem

### GRAPHIC/VIDEO TECHNOLOGIES

<i>Course ID</i>	<i>Course Name</i>	<i>Prerequisites/Comments</i>	<i>Sem/Yr</i>
GV20	Video, TV and Movie Production		Year
GV30	Intro to Digital Publications		Year

### ENGLISH

<i>Course ID</i>	<i>Course Name</i>	<i>Prerequisites/Comments</i>	<i>Sem/Yr</i>
EN31	Fundamentals of English I		Sem
*EN33	Principles of English I		Sem
*EN35W	AA Sophomore English	Combined Terra Nova Reading & Language score of 160+; Passed 8 <sup>th</sup> grade AIMS in reading & writing; A/B 1 <sup>st</sup> semester honors English <i>or</i> A regular English.	Year
*EN51	Literary Explorations		Sem
*EN58W	AA American History & Literature	Combined Terra Nova Reading & Language score of 160+; Passed 8 <sup>th</sup> grade AIMS in reading & writing; A/B 1 <sup>st</sup> semester honors English <i>or</i> A regular English. Must also be enrolled in SS31W & SS32W	Sem
EN73	Speech/Communications Arts		Sem
EN74	Debate		Sem
EN75	Forensics		Sem
EN84	Journalism I	Keyboard skills	Sem
EN86	Yearbook Publications	Teacher interview required	Sem/Yr
EN87	Journalistic Writing (Newslab)	EN84 recommended; teacher approval	Sem/Yr

### ENGLISH LANGUAGE DEVELOPMENT (ELD)

<i>Course ID</i>	<i>Course Name</i>	<i>Prerequisites/Comments</i>	<i>Sem/Yr</i>
*ELD11	Introduction to English Grammar I	AZELLA level at pre-emergent/emergent	Year
ELD12	Introduction to English Reading I <sup>Δ</sup>	AZELLA level at pre-emergent/emergent	Year
ELD13	Introduction to Conversational English & Academic Vocabulary I <sup>Δ</sup>	AZELLA level at pre-emergent/emergent	Year
ELD14	Introduction to English Writing I <sup>Δ</sup>	AZELLA level at pre-emergent/emergent	Year
*ELD21	Intermediate English Grammar II	AZELLA level at basic/intermediate	Year
ELD22	Intermediate English Reading II <sup>Δ</sup>	AZELLA level at basic/intermediate	Year

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<sup>^</sup> Optional dual enrollment

<sup>Δ</sup> Elective credit only

\* asterisk - meets core course competency requirements for AZ universities

ELD23	Intermediate Conversational English & Academic Vocabulary II <sup>△</sup>	AZELLA level at basic/intermediate	Year
ELD24	Intermediate English Writing II <sup>△</sup>	AZELLA level at basic/intermediate	Year

### FAMILY and CONSUMER SCIENCES

Course ID	Course Name	Prerequisites/Comments	Sem/Yr
FS41	Culinary Arts I		Sem
FS42	Culinary Arts II	FS41	Sem
FS51	Early Childhood Professions I <sup>△</sup>	FS52 also required for dual enrollment credit	Sem
FS52	Early Childhood Professions II <sup>△</sup>	FS51	Sem
FS59	Design, Merchandising & Construction <sup>△</sup>		Sem
FS62	Elements of Design and Merchandising I		Sem

### INDUSTRIAL TECHNOLOGY

Course ID	Course Name	Prerequisites/Comments	Sem/Yr
IT31	Computer Aided Design and Drafting		Year
IT41	Introduction to Engineering Design		Year
IT42	Digital Electronics	IT41 or instructor approval	Year
IT43	Principles of Engineering	IT41 or instructor approval	Year
IT45	Civil Engineering and Architecture	IT41 or instructor approval	Year
IT46	Engineering Design and Development		Year
IT61	Woodworking Technology – Basic		Sem
IT62	Woodworking Technology II	IT61 C or better	Sem
IT71	Welding I		Sem
IT72	Welding II	IT71 C or better	Sem
IT73	Welding and Materials Processes	IT71	Year
IT91	Automotive Systems Technology - Auto I		Sem
IT92	Automotive Systems Repair – Auto II	IT91 C or better	Sem

### MATHEMATICS

Course ID	Course Name	Prerequisites/Comments	Sem/Yr
*MA27	Algebra I		Year
*MA30	Geometry	MA27 (strongly recommend with C or better)	Year
MA38	Algebra Applications	MA27, MA30 <i>and</i> passed AIMS	Year
*MA40	Algebra II	MA27, MA30 (strongly recommend with C or better)	Year
*MA41W	Honors Algebra II	MA27, MA30 <i>or</i> MA32 <i>and</i> placement test required	Year
*MA42	Trigonometry/College Math	MA40 (strongly recommend with C or better)	Year
*MA45W	Pre-Calculus <sup>△</sup>	MA41 <i>or</i> MA42 (strongly recommend with C's or better)	Year
SK10	Math Concepts <sup>△</sup>	Teacher placement – taken concurrently with MA30	Year

### MILITARY SCIENCE/LEADERSHIP ARMY JROTC

Course ID	Course Name	Prerequisites/Comments	Sem/Yr
MS31	Army JROTC LET-I		Year
MS32	Army JROTC LET-II	MS31	Year
MS35	Special Teams "A Hour"	Concurrent enrollment in other Army program	Year

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<sup>△</sup> Optional dual enrollment

<sup>△</sup> Elective credit only

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**MUSIC/PERFORMING ARTS**

<i>Course ID</i>	<i>Course Name</i>	<i>Prerequisites/Comments</i>	<i>Sem/Yr</i>
*MU29	Beginning Guitar	Access to classical/acoustic guitar	Sem
*MU30	Intermediate Guitar	MU29 <i>or</i> audition; access to classical/acoustic guitar	Sem
*MU31	Advanced Guitar	MU30 <i>or</i> audition; access to classical/acoustic guitar	Sem
*MU33W	AP Music Theory ^	Teacher recommendation	Year
*MU71	Men's Chorus	Teacher recommendation	Year
*MU72	Women's Chorus	Teacher recommendation	Year
*MU74	Mixed Chorus	Teacher recommendation	Year
*MU80	Concert Band	Teacher recommendation/audition	Year
*MU81	Marching Band 'A' hr class	Teacher recommendation/audition	Sem I
*MU82	Band/Percussion 'A' hr class	Teacher recommendation/audition	Sem II
*MU84	Symphonic Band	Teacher recommendation/audition	Year
*MU90	Concert Orchestra	Teacher recommendation	Year
*MU92	Symphony Orchestra	Teacher recommendation/audition	Year
*MU96	Symphonic Pops Orchestra	Teacher recommendation/audition	Year
PA75	Video Journalism	(see GV20 and GV21)	
*PA89	Stagecraft	PA90 (may be concurrent); teacher approval	Year
*PA90	Theatrical Arts I		Sem
*PA91	Theatrical Arts II	PA90	Sem

**PHYSICAL EDUCATION**

<i>Course ID</i>	<i>Course Name</i>	<i>Prerequisites/Comments</i>	<i>Sem/Yr</i>
PE37	Recreational Basketball		Sem
PE38	Modified P.E.	Doctor <i>and</i> parent recommendations	1-2 Sem
PE43	Spirit Line	Audition	Year
PE47	PE Activities		Sem
PE50	Interscholastic Athletics (Sports)	Coach's approval	Sem
PE52	Advanced Fitness	A/B in PE53	Sem
PE53	Complete Fitness/Aerobics		Sem
PE55	Aerobics		Sem
PE57	Advanced Aerobics	PE55	Sem
PE70	Beginning Dance		Sem
PE71	Intermediate Dance	Teacher approval/audition	Sem
PE72	Advanced Dance	PE70 <i>or</i> PE71 recom; Teacher approval/audition	1-2 Sem
PE75	Dance Composition & Performance	Teacher approval/audition	1-2 Sem
PE76	Weight Training		Sem
PE78	Advanced Weight Training	A or B in PE76	Sem
PE83	Pilates Mat		Sem
HE91	Prevention & Care of Sports Injuries		Sem
HE92	Sports Medicine	HE91 <i>and/or</i> teacher approval	Sem

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**READING**

<i>Course ID</i>	<i>Course Name</i>	<i>Prerequisites/Comments</i>	<i>Sem/Yr</i>
RD30	Applied Reading I <sup>Δ</sup>	For students who have not passed the reading portion of the 8 <sup>th</sup> and 10 <sup>th</sup> grade AIMS tests.	Sem
RD31	Applied Reading II <sup>Δ</sup>	RD30 <i>or</i> have not passed the reading portion of the 8 <sup>th</sup> and 10 <sup>th</sup> grade AIMS tests.	Sem
RD51	Reading and Linguistics I		Year
RD52	Reading and Linguistics II		Year
RD53	Reading and Linguistics III		Year
RD54	Reading and Linguistics IV		Year
RD55	Reading and Linguistics V		Year
RD56	Reading and Linguistics VI		Year

**SCIENCE**

<i>Course ID</i>	<i>Course Name</i>	<i>Prerequisites/Comments</i>	<i>Sem/Yr</i>
*SC33	Earth and Space Science		Year
*SC48W	Biotechnology Concepts and Techniques <sup>Δ</sup>	SC49 <i>or</i> AG30 with C or better	Year
*SC49	Biology	Students who have earned credit for AG30 cannot earn credit for this course.	Year
*SC55	Human Anatomy and Physiology	SC49 <i>or</i> AG30	Year
*SC57W	Advanced Human Anatomy and Physiology <sup>Δ</sup> – <i>dual enrollment required</i>	SC49 <i>or</i> AG30; chemistry strongly recommended	Year
*SC71	Chemistry	MA27	Year
*SC72W	College Prep Chemistry	A/B in MA27 <i>and</i> MA30 <i>or</i> MA32	Year
*SC81	Physics	MA27; MA30 <i>or</i> MA32 recommended	Year
*SC92W	Scientific Research Methods	Recommended concurrent enrollment in another science course	Year

**SOCIAL STUDIES**

<i>Course ID</i>	<i>Course Name</i>	<i>Prerequisites/Comments</i>	<i>Sem/Yr</i>
*SS21	World History/Geography I		Sem
*SS22	World History/Geography II		Sem
*SS31/SS32W	AA American History & Literature	Must be enrolled in EN58W concurrently (see EN58W)	Year
SS40	World War II Studies		Sem
SS63	Holocaust Studies	C in English; C in two semesters of history	Sem
SS66	Anthropology		Sem
*SS76	Psychology I		Sem
*SS77	Psychology II	SS76	Sem
*SS78	Sociology		Sem
*SS79W	Advanced Placement Psychology		Year

**TRAFFIC SAFETY**

<i>Course ID</i>	<i>Course Name</i>	<i>Prerequisites/Comments</i>	<i>Sem/Yr</i>
TS321	Traffic Safety	Age 15 years & 7 months by 11/1/08	1st Sem
TS322	Traffic Safety	Age 15 years & 7 months by 4/1/09	2nd Sem

*\$150.00 fee is assessed for behind-the-wheel instruction (optional). Behind-the wheel instruction is required for the Insurance Reduction Card and the Driver's License Certificate issued by the Arizona Department of Transportation.*

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<sup>Δ</sup> *Optional dual enrollment*

<sup>Δ</sup> *Elective credit only*

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**WORLD LANGUAGES**

<i>Course ID</i>	<i>Course Name</i>	<i>Prerequisites/Comments</i>	<i>Sem/Yr</i>
*WL18	American Sign Language I		Year
*WL19	American Sign Language II	WL18	Year
*WL21	Spanish I		Year
*WL22	Spanish II	WL21	Year
*WL23W	Spanish III	WL22	Year
*WL24W	Advanced Placement Spanish IV	WL23W	Year
*WL25W	Advanced Placement Spanish V	WL24W	Year
*WL31	German I		Year
*WL32	German II ^	WL31	Year
*WL33W	German III ^	WL32	Year
*WL41	French I		Year
*WL42	French II	WL41	Year
*WL43W	French III ^	WL42	Year
*WL81	Spanish for Spanish Speakers I		Year
*WL82	Spanish for Spanish Speakers II	WL81	Year

**SPECIAL COURSES**

<i>Course ID</i>	<i>Course Name</i>	<i>Prerequisites/Comments</i>	<i>Sem/Yr</i>
AD86W	Academic Decathlon	Teacher approval	Year

**EAST VALLEY INSTITUTE OF TECHNOLOGY**

<i>Course ID</i>	<i>Course Name</i>	<i>Prerequisites/Comments</i>	<i>Sem/Yr</i>
VT01	EVIT REL. 1-3 (3 periods)	Must also enroll at EVIT – Some programs have applications due Feb. 1. See Career Center.	Sem
VT04	EVIT REL. 4-6 (3 periods)	Must also enroll at EVIT – Some programs have applications due Feb. 1. See Career Center.	Sem

**NON-CREDIT OFFERINGS**

<i>Course ID</i>	<i>Course Name</i>	<i>Prerequisites/Comments</i>	<i>Sem/Yr</i>
NC40	Release Time – Personal (Seminary)	Parent approval	Sem
NC402	Release Time – Personal (Seminary) Sem II	Parent approval	Sem
NC50	Study Hall		Sem
NC502	Study Hall – Sem II		Sem

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