

MESA HIGH MASTER COURSE LIST 2010-2011

ACADEMIC COURSES

- * Meets the competency requirements for AZ Univ and scholastic diploma.
- College credit may be available. **W** indicates that the course is weighted.

ENGLISH – CORE COURSES

Refer to English Course Sequence chart on page 10 of Course Handbook

To be taken during Freshman year

*EN09	Freshman English	YEAR
EN19	Basic Freshman English	YEAR (by teacher/counselor placement)
*EN27W	AA Freshman English	YEAR

To be taken during Sophomore year

*EN47	Sophomore English	YEAR
*EN35W	AA Sophomore English	YEAR

To be taken during Junior year

*EN48	Junior English	YEAR
*EN39W	AA Junior English	YEAR
●*EN70W	AP (Jr) Eng Lang & Comp	YEAR

To be taken during Senior year

The following courses are “average to high” in difficulty and are not for credit recovery.

*EN49	Senior English	YEAR
*EN40	Shakespeare	SEM (Can be taken Jr year as elective, English is still required Sr year)
*EN44	Creative Writing	SEM (Can be taken Jr year as elective, English is still required Sr year)
*EN45	CP Writing	SEM (Can be taken Jr year as elective, English is still required Sr year)
*EN52	Mythology	SEM (Can be taken Jr year as elective, English is still required Sr year)
●*EN71W	AP (Sr) Eng Lit & Comp	YEAR
●*EN72	College Eng. Composition 101	SEM (At Mesa High)
●*EN64	College Eng. Composition 102	SEM (At Mesa High)
●*RTCC	College Eng. Composition 101	SEM (At Community College)
●*RTCC	College Eng. Composition 102	SEM (At Community College)

ENGLISH – ELECTIVE COURSES The following courses should not be taken in place of one of the above “Core English” courses without counselor approval.

*EN57	American Literature	SEM (BioTech Academy only)
*EN68	Technical Writing	SEM (BioTech Academy only)
EN73	Speech	SEM/YR
EN74	Debate	SEM
EN75	Forensics	SEM/YR
EN86	Yearbook	SEM/YR (Will not count for English graduation requirement)
*EN87	Journalistic Writing (Newslab)	SEM/YR

ENGLISH – ELECTIVE COURSES Continued

The following courses are “low to average” in difficulty. They may be used for credit recovery and require counselor placement.

EN37	Essential of Rdg & Writ II	YEAR
EN38	Essential of Rdg & Writ I	YEAR
*EN50	Senior Literature/Composition	SEM/YR
*EN54	Paperback Literature	SEM
*EN56	Multi Cultural Lit.	SEM
EN81	Fundamental Writing Lab	SEM (AIMS Writing remediation course)
EN88	Approaches to Literature	SEM (AIMS Reading remediation course)

ENGLISH LANGUAGE DEVELOPMENT (ELD)

The following classes require counselor placement based on home language other than English and AZELLA level at Pre-Emergent/Emergent.

*ELD11	Intro to English Grammar I	YEAR
ELD12	Intro to English Reading I	YEAR
ELD13	Intro to Conv Eng/Acad Vocab I	YEAR
ELD14	Intro to English Writing I	YEAR

The following classes require counselor placement based on home language other than English and AZELLA level at Basic/Intermediate.

*ELD21	Intro to English Grammar II	YEAR
ELD22	Intro to English Reading II	YEAR
ELD23	Intro to Conv Eng/Acad Vocab II	YEAR
ELD24	Intro to English Writing II	YEAR

MATHEMATICS Refer to Math Course Sequence chart on page 11 of Course Handbook

*MA27	Algebra I	YEAR
*MA30	Geometry	YEAR (Passed at least one semester of MA27)
*MA32W	Honors Geometry	YEAR (Passed MA27 and teacher recommendation)
MA38	Algebra Applications	YEAR (Passed MA27, MA30 and Math AIMS)
*MA40	Algebra II	YEAR (Passed MA27 and MA30)
*MA41W	Honors Algebra II	YEAR (Passed MA27 and MA30/placement test)
*MA42	Trig/College Math	YEAR (Passed MA40)
●*MA45W	Pre-Calculus	YEAR (Passed MA40, MA41 or MA42)
●*MA50W	AP Calculus AB	YEAR (Passed MA45 or teacher recommendation)
●*MA51W	AP Calculus BC	YEAR (Passed MA50 and teacher recommendation)
MA90	Standard Mathematics I	YEAR (Geometry credit recovery/AIMS remediation course, requires teacher/counselor placement)

SCIENCE Refer to Science Course Sequence chart on page 12 of Course Handbook

*SC09	Essential Elements of Science	YEAR
●*SC49	Biology	YEAR (Freshman –“A” or “B” in MA27 and teacher recommendation) (Must be taken during Freshman or Sophomore year) (Required course for graduation)
*SC33	Earth Science	YEAR
●*SC46W	AP Biology	YEAR
●*SC48W	Biotechnology I	YEAR (Requires SC49 with “C” or better)
*SC50	Environmental Science	YEAR
●*SC52W	AP Environmental Science	YEAR
●*SC54W	Biotechnology II	YEAR (Requires SC48W with “C” or better)
●*SC57W	Advanced Human Anat & Phys	YEAR
SC70	Consumer Chemistry	YEAR (Low difficulty level)
*SC71	Chemistry	YEAR (Passed MA27)
*SC72W	College Prep Chemistry	YEAR
●*SC77W	AP Chemistry	YEAR
*SC81	Physics	YEAR
●*SC82W	AP Physics	YEAR
●*SC92W	Scientific Research Methods	YEAR

SOCIAL STUDIES – CORE COURSES

Refer to Social Studies Course Sequence chart on page 13 of Course Handbook

To be taken during Freshman year

*SS21	World History/Geography I	SEM (Required if not completed in 9 th grade)
*SS22	World History/Geography II	SEM (Required if not completed in 9 th grade)
*SS28W	AA World History/Geography	YEAR

To be taken during Junior year

*SS34	Am History I	SEM
*SS35	Am History II	SEM
●	See counselor if interested in non-weighted SS34/35 dual enrollment class option	
●*SS39W	AP American History	YEAR

To be taken during Senior year

*SS51	American Government	SEM
*SS57	Prin and Pract of Economics	SEM
●*SS52W	AP American Government	YEAR (Satisfies the Economics/Government course requirement for graduation)
*SS59W	We the People	YEAR (Satisfies the Economics/Government course requirement for graduation)

SOCIAL STUDIES – ELECTIVE COURSES

*SS76	Psychology	SEM
●*SS64W	AP European History	YEAR
●*SS67W	AP Human Geography	YEAR (Recommended Sophomore AP Course)
●*SS79W	AP Psychology	YEAR
●*AR82W	AP Art History	YEAR (Satisfies fine art requirement)

WORLD LANGUAGE

●*WL18	Sign Language I	YEAR
●*WL19	Sign Language II	YEAR
*WL21	Spanish I	YEAR
*WL22	Spanish II	YEAR
●*WL23W	Spanish III	YEAR
●*WL24W	Spanish IV	YEAR
●*WL25W	AP Spanish V	YEAR
*WL31	German I	YEAR
*WL32	German II	YEAR
●*WL33W	German III	YEAR
●*WL34W	German IV	YEAR
*WL41	French I	YEAR
*WL42	French II	YEAR
●*WL43W	French III	YEAR
●*WL44W	French IV	YEAR
*WL81	Spanish for Spanish Speakers	YEAR

GENERAL ELECTIVE COURSES

ACADEMIC DECATHLON

**Found on page 65 of course handbook under
Special Course Numbers**

AD86W Academic Decathlon YEAR

AEROSPACE SCIENCE/LEADERSHIP - ROTC

AS31 AFJROTC 1 YEAR
*AS32 AFJROTC 2 YEAR
*AS33 AFJROTC 3 YEAR
*AS34 AFJROTC 4 YEAR
*AS35 AFJROTC Drill Team/Color Guard YEAR (May count as P.E. requirement)

ART

AR32 Beginning Photography SEM
AR33 Intermediate Photography SEM
AR34 Advanced Photography SEM
AR40 Stained Glass SEM
AR42 Intermediate Stained Glass SEM
AR41 Beginning Ceramics SEM
AR43 Intermediate Ceramics SEM
AR45 Advanced Ceramics SEM
AR54 Beginning Jewelry SEM
AR56 Intermediate Jewelry SEM
AR58 Advanced Jewelry SEM
AR63 Beginning Drawing SEM
AR64 Intermediate Drawing SEM
AR66 Advanced Drawing SEM
*AR82W AP Art History YEAR (Satisfies fine art requirement)

AVID

**Found on page 29 and 65 of course handbook under Special Course Numbers.
Requires teacher/counselor placement.**

AV09 AVID YEAR
AV10 AVID YEAR
AV11 AVID YEAR
AV12 AVID YEAR

RD70 Tutor Program (AVID) SEM/YEAR (Elective credit, by counselor placement only)

CAREER AND TECHNICAL EDUCATION

AUTOMOTIVE TECHNOLOGIES

IT54	Electronics I	SEM
IT55	Electronics II	SEM
IT91	Auto Systems Tech. - Auto I	SEM
IT92	Auto Systems Repair - Auto II	SEM (Sophomores, Juniors and Seniors only)
IT93	Auto Systems Diagnostics - Auto III	YEAR (Sophomores, Juniors and Seniors only)
IT95	Advanced Automotives	YEAR (Sophomores, Juniors and Seniors only)

BIOTECHNOLOGY

*SC48W	Biotechnology I	YEAR (Requires SC49 with "C" or better)
*SC54W	Biotechnology II	YEAR (Requires SC48W with "C" or better)
*SC92W	Scientific Research Methods	YEAR

CONSTRUCTION TECHNOLOGIES

IT30	Intro to Construction Trades	YEAR (Found on page 39 under Drafting and Design Tech)
IT61	Woodworking Technology	YEAR
IT62	Adv. Woodworking Technology	YEAR
*IT77	Prin and Pract of Economics	SEM (Satisfies the Economics course requirement for graduation)

CULINARY ARTS

FS41	Culinary Arts	YEAR
FS45	Advanced Culinary Arts	YEAR

DESIGN & MERCHANDISING

FS59	Design, Merchandising & Construction	SEM
FS62	Elements of Design & Merchandising I	SEM
FS63	Elements of Design & Merchandising II	SEM
FS64	Adv Fashion Design & Merchandising	SEM
FS69	Adv Interior Design & Merchandising	SEM

DRAFTING & DESIGN TECHNOLOGIES

IT31	Computer Aided Design and Drafting	YEAR
IT32	Computer Aided Design-Architectural I	YEAR
IT33	Computer Aided Design-Architectural II	YEAR
IT34	Computer Aided Design-Engineering I	YEAR
IT35	Computer Aided Design-Engineering II	YEAR

EDUCATION PROFESSIONS

FS10	Teens 'n Teaching	SEM (Freshman only)
●FS51	Early Childhood Professions I	SEM
●FS52	Early Childhood Professions II	SEM
(College credit may be available for completing FS51 and FS52 in the same year with a grade of "A" or "B")		
FS53	Teacher Training Program	YEAR (Program application form required)

CAREER AND TECHNICAL EDUCATION - Continued

ELECTRICAL AND POWER TRANSMISSION TECHNOLOGIES

IT51 Residential Wiring I SEM

ENGINEERING

IT48 Engineering and Problem Solving YEAR (IT31 beneficial)

FINANCIAL SERVICES

CB26 Financial Services I YEAR

CB27 Financial Services II YEAR

INFORMATION TECHNOLOGY (Includes beginning keyboarding)

CB09 Intro to Information Technology YEAR

INFORMATION TECHNOLOGY: COMPUTER MAINTENANCE

CB44 Computer Maint. and Repair I SEM

CB50 Computer Maint. and Repair II SEM

INFORMATION TECHNOLOGY: SOFTWARE DEVELOPMENT

CB31 Visual Basic Programming I SEM

CB32 Visual Basic Programming II SEM

INFORMATION TECHNOLOGY: WEB DESIGN & DEVELOPMENT

CB20 Web Page Design SEM

CB21 Advanced Web Page Design SEM

SALES & MARKETING

BE52 Marketing I YEAR

BE53 Marketing II YEAR

SPORTS MEDICINE & REHAB SERVICES

HE91 Prev and Care of Sports Injuries YEAR

HE92 Sports Medicine YEAR (Requires teacher recommendation)

VIDEO PRODUCTION

GV20 Video, TV and Movie Production YEAR

GV21 TV Broadcasting YEAR

WELDING

IT71 Welding I SEM (Sophomores, Juniors and Seniors only)

IT72 Welding II SEM (Sophomores, Juniors and Seniors only)

IT73 Welding and Materials Processes YEAR (Sophomores, Juniors and Seniors only)

IT74 Advanced Welding YEAR (Sophomores, Juniors and Seniors only)

CAREER AND TECHNICAL EDUCATION - Continued

COOPERATIVE EDUCATION/INTERNSHIP - (Teacher course acceptance note required)

CT90 CTE Cooperative Education/Internship YEAR **Seniors Only** 3 credit course (1 credit class, 2 credits job)
(Paid on-the-job training to reinforce job skills learned in previously taken CTE classes. One hour daily related classroom activities and a minimum of 15 hours a week on the job.)

MUSIC/PERFORMING ARTS

#All other Band, Chorus and Orchestra classes require an audition and course placement by the teacher.

#MU74	All Chorus	YEAR
#MU81	Marching Band	1 st SEM
#MU83	All Bands	YEAR
#MU90	All Orchestras	YEAR
MU29	Beginning Guitar	SEM (Must have access to classical or acoustic guitar.)
MU30	Intermediate Guitar	SEM (Must have access to classical or acoustic guitar.)
MU31	Advanced Guitar	SEM (Must have access to classical or acoustic guitar.)
●MU33W	AP Music Theory	YEAR (Juniors and Seniors only)
PA89	Stagecraft	SEM/YEAR
PA90	Theater I (Drama I)	SEM
PA91	Theatre II (Drama II)	SEM
PA86	Intermediate Acting (Drama III)	SEM-YEAR (Teacher recommendation/audition only)
PA92	Advanced Acting	SEM-YEAR (Teacher recommendation/audition only)

PHYSICAL EDUCATION

PE40	Advanced PE (Spin and Tone)	SEM (Coed class, see Coach Larish regarding placement)
PE47	P.E. Activities	SEM
PE50	AA Interscholastic Athletics	SEM (Must have coach's signature)
PE52	Advanced Fitness	SEM (Coed class, see Coach Corte regarding placement)
PE53	Complete Fitness/Aerobics	SEM (Coed class)
PE74	Hip Hop Dance	SEM (Coed class)
PE76	Weight Training	SEM
PE78	Adv. Weight Training	SEM (Must have coach's signature)
PE79	The Ultimate Challenge	SEM (Coed class)
PE81	The Ultimate Challenge II	SEM (Coed class)
PE82	Stretch & Strength	SEM (Coed class, involves core training)
PE87	Wellness and Nutrition	SEM (Coed class)
PE70	Beginning Dance	SEM
PE71	Int. Dance	SEM (Teacher recommendation/audition only)
PE72	Adv. Dance	SEM (Teacher recommendation/audition only)
PE75	Dance Composition/Performance	SEM (Teacher recommendation/audition only)
PE581	Team Sports-Football Wt Training	1 st SEM (Must have Football coach's signature)
PE582	Team Sports-Football Wt Training	2 nd SEM (Must have Football coach's signature)

TRAFFIC SAFETY

TS321	Traffic Safety	1 st SEM (Must be 15 yrs and 7 months or older by Nov 1)
TS322	Traffic Safety	2 nd SEM (Must be 15 yrs and 7 months or older by Apr 1)

MISCELLANEOUS

EVITAM	EVIT 1-3	SEM (Requires proof of registration)
EVITPM	EVIT 4-6	SEM (Requires proof of registration)
MDLP	Mesa Distance Learning	SEM (By counselor placement only)
SD20	Sundown (A+ Lab)	SEM (Credit recovery, by counselor placement only)
NC40	Release Time Personal (Seminary)	YEAR
NC90	Release Time – No Class	SEM (Seniors only)

HONORS PROGRAM - WEIGHTED AND AP COURSES

ENGLISH

*EN27W	AA Freshman English	YEAR
*EN35W	AA Sophomore English	YEAR
*EN39W	AA Junior English	YEAR
●*EN70W	AP (Jr) Eng Lang & Comp	YEAR
●*EN71W	AP (Sr) Eng Lit & Comp	YEAR

MATHEMATICS

*MA32W	Honors Geometry	YEAR (Passed MA27 and teacher recommendation)
*MA41W	Honors Algebra II	YEAR (Passed MA27 and MA30/placement test)
●*MA45W	Pre-Calculus	YEAR (Passed MA40, MA41 or MA42)
●*MA50W	AP Calculus AB	YEAR (Passed MA45 or teacher recommendation)
●*MA51W	AP Calculus BC	YEAR (Passed MA50 and teacher recommendation)

SCIENCE

●*SC46W	AP Biology	YEAR
●*SC52W	AP Environmental Science	YEAR
●*SC57W	Advanced Human Anat & Phys	YEAR
*SC72W	College Prep Chemistry	YEAR
●*SC77W	AP Chemistry	YEAR
●*SC82W	AP Physics	YEAR

BIOTECHNOLOGY

●*SC48W	Biotechnology I	YEAR (Requires SC49 with "C" or better)
●*SC54W	Biotechnology II	YEAR (Requires SC48W with "C" or better)
●*SC92W	Scientific Research Methods	YEAR

HONORS PROGRAM - WEIGHTED AND AP COURSES - Continued

SOCIAL STUDIES

*SS28W	AA World History/Geography	YEAR
●*SS39W	AP American History	YEAR
●*SS52W	AP American Government	YEAR (Satisfies the Economics/Government course requirement for graduation)
*SS59W	We the People	YEAR (Satisfies the Economics/Government course requirement for graduation)
●*SS64W	AP European History	YEAR
●*SS67W	AP Human Geography	YEAR (Recommended Sophomore AP Course)
●*SS79W	AP Psychology	YEAR
●*AR82W	AP Art History	YEAR (Satisfies fine art requirement)

WORLD LANGUAGE

●*WL23W	Spanish III	YEAR
●*WL24W	Spanish IV	YEAR
●*WL25W	AP Spanish V	YEAR
●*WL33W	German III	YEAR
●*WL34W	German IV	YEAR
●*WL43W	French III	YEAR
●*WL44W	French IV	YEAR

ACADEMIC DECATHLON

AD86W	Academic Decathlon	YEAR
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ART

*AR82W	AP Art History	YEAR (Satisfies fine art requirement)
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MUSIC/PERFORMING ARTS

●MU33W	AP Music Theory	YEAR (Juniors and Seniors only)
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Note:

*Meets the competency requirements for AZ Univ and scholastic diploma.

●College credit may be available.

W indicates that the course is weighted.

