

MINGUS UNION HIGH SCHOOL

COURSE CATALOG 2016-2017



INTRODUCTION

The purpose of this booklet is to familiarize you with the courses offered by Mingus Union High School. Please pay close attention to prerequisites and course descriptions. Register for all classes required for your grade level as well as any classes that you might need to repeat. It is important to note that university entrance requirements differ from Mingus Union graduation requirements (See *Requirements for Graduation and University Admission* on pages 8-9 for more detailed information).

Thoughts from your Principal...

Dear Mingus Parents,

As your partner in educating your child, Mingus Union High School offers a wide variety of elective courses, extra-curricular organizations, athletic teams, and enrichment programs to complement core courses including Advanced Placement, Yavapai College Dual Enrollment, and Career & Technical Education aligned with Arizona's Standards for College and Career Readiness. When reviewing this year's course choices with your student, please also encourage participation in school activities. This is a key factor in high school success and happiness. Also, please note carefully MUHS' attendance requirements for earning course credit. We appreciate your continued involvement during these *very* important years!

Jennifer Chilton

Principal, Mingus Union High School



Administration

Mrs. Jennifer Chilton	Principal	649-4430	jchilton@muhs.com
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School Counselors

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Mrs. Shelley Kitchen	Student Advisor Yavapai-Apache Liaison	649-4381	skitchen@muhs.com
Mrs. Gretchen Wesbrock	Gear Up Coordinator Counselor for Class of 2018	478-7944	gwesbrock@muhs.com

Counseling Secretaries

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Mingus Union High School District #4 does not discriminate on the basis of race, color, national origin, sex, age, or disability in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of their operations. The Career and Technical Education department of Mingus Union High School District #4 does not discriminate in enrollment or access to any of the programs available, such as, but not limited to, Agriculture, Business, Finance and Information Technology, Family and Consumer Science, Health Occupations, Marketing, and Trade and Industry. The lack of English language skills shall not be a barrier to admission or participation in the district's activities and programs. Mingus Union High School District #4 also does not discriminate in its hiring or employment practices.


This notice is provided as required by Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title IX of the Education Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. Questions, complaints, or requests for additional information regarding these laws may be forwarded to the designated compliance coordinator—Brandi Bateman, 1801 East Fir Street, Cottonwood, AZ 86326, Phone # 928-634-8901, opt 6.

Notificación Pública Anual de No Discriminación

El Distrito Escolar Unido No. 4 de Mingus no discrimina en la base de raza, color, nacionalidad, género, edad, o incapacidad en admisión a sus programas, servicios, o actividades, en acceso a esos, en el tratamiento de individuos, o en ningún aspecto de sus operaciones. El departamento de Educación Técnica y de Carreras del Distrito Escolar Unido No. 4 de Mingus no discrimina en la matriculación o en el acceso a cualquier de sus programas disponibles, como, pero no limitado a, la agricultura, los negocios, las finanzas y la tecnología, la economía domestica, el salud, el marcadero, y la comercia y la industria. La falta de habilidades en el idioma inglés no será una barrera a la admisión ni la participación en las actividades del distrito y sus programas. El Distrito Escolar Unido No. 4 de Mingus tampoco discrimina en sus contratos o practicas de empleados.

Ésta noticia es distribuida y requerida por el Título VI del Acto de Derechos Civiles de 1964, Sección 504 del Acto de Rehabilitación de 1973, Título IX de la Enmienda Educativa de 1972, en el Acto de Discriminación por Edad de 1975, y el Acto de los Estadounidenses con Habilidades Diferenciadas de 1990. Preguntas, quejas, o para más información con respecto a estas leyes pueden remitir al coordinador de conformidad—Brandi Sauer, 1801 East Fir Street, Cottonwood, AZ 86326, Phone # 928-634-8901, opt 6.

School Counseling Department

A well-qualified and professional counseling staff is available to assist Mingus Union High School students with academic counseling, college and career planning, personal counseling, and crisis intervention. Students may request to see a counselor by coming to the School Counseling office and requesting a pass. Parents who wish to meet with their student's counselor may call or email for more information. Be sure to check the school website (www.mingusunion.com) and calendar for upcoming college and Counseling evenings for students and parents. The Counseling Office is located in the 100 building.  MUHS counseling on Facebook

NOTE: Mingus Union High School Code is **030050**

Personal Counseling:

Counselors are available for parent conferences and referral resources as needed upon request. The counselor is not there to make decisions for the student but can provide information which will help the student arrive at his or her own decisions. The school counselor is available to assist students with a wide range of personal problems such as:

- Crisis intervention counseling
- Interpersonal issues
- Education

Brief, solution-focused personal counseling is available to students upon request from a student or parent/guardian or upon a referral from a teacher or administrator. Students in need of assistance should make an appointment with their assigned counselor.

Academic Counseling:

Our counseling staff is available to help students and parents with:

- Course selection
- Academic requirements for high school graduation and college admission
- Course placement
- Development of individual education and career action plans (ECAPs - 4 year plans)
- Standardized testing information, administration and interpretation (ASVAB, PSAT, ACT, SAT)
- Accessing Arizona Career Information System (Az-CIS), a tool to help students plan their high school and college academic courses as well as in choosing a career path.

College Counseling:

Our counseling staff provides:

- Administration and interpretation of the PSAT, SAT, and ACT
- College information and Financial Aid Parent-Student Evening Programs
- Campus visits by representatives of universities and colleges
- Individual parent/student appointments available for college planning, decision-making, and application process
- Assistance with creating an appropriate college application list and organizing the college application process
- Assistance with organizing application materials and meeting deadlines
- Letters of recommendation and contact with university representatives as appropriate

Parents of 9th Grade Students:

It is very important to emphasize the importance of becoming a freshman and how it effects college and scholarship applications. All grades and credits will be entered into the student's transcript. A transcript is a document detailing a student's academic achievement in high school. A Mingus Union High School transcript includes the following information:

- Courses, grades, and credits for each grade completed beginning with the 9th grade
- Current GPA (the average of a student's grades)
- College test scores (ACT/SAT/PSAT)

Continued on next page

Parents of 9th Grade Students (Continued)

Parents of 9th Grade Students:

- ☐ **Monitor Academic Progress.** Mingus Union High School offers FamilyLink for parents to view grades and the progress their student is making toward his/her academic goals. Progress reports go home every 3 weeks. **Parents, do not assume your student is doing fine. Check grades weekly. Schedule parent conferences, attend open houses, email teachers, and keep lines of communication open to become informed.**
- ☐ **Monitor Attendance.** For your student to be successful, he/she must be in class. Colleges and employers review a student's attendance record.

- ☐ **Encourage Involvement in a Variety of Activities.** Colleges and universities will ask students about their high school activities. Not only do they want to see involvement in activities but they want to see leadership responsibilities. Community service activities look good on college applications.
- ☐ **Select Appropriate 10th Grade Courses.**
- ☐ **Select Beneficial Summer Activities.** Volunteer, have a summer job, take a youth mission trip, or visit college campuses. College campuses often offer high school student summer programs.
- ☐ **Start a College Savings Plan.**

Parents of 10th Grade Students:

- ☐ **Continue to Monitor Your Student's Progress.** Check FamilyLink weekly for progress and grade reports. Remember, MUHS grade cards go home every 9 weeks.
- ☐ **Continue to Monitor Attendance.**
- ☐ **Continue to Encourage Involvement in Community Activities, School Clubs, and Organizations.** Student should strive to gain leadership experience.
- ☐ **Have Student Take the PSAT** (a national test

offered at MUHS October 22, 2016).

- ☐ **Discuss College Options.**
- ☐ **Talk with your student about their interest and abilities in terms of college majors.** Make informal visits to colleges. Great information is available on the web.
- ☐ **Update Resume.** Create a resume listing all honors, awards and community service.
- ☐ **Meet With Your Counselor.** Check credits.

Parents of 11th Grade Students:

- ☐ **Continue to Monitor Academic Progress.** Junior grades are considered the most important grades on a student's transcript because they are the last grades a college will see when reviewing and considering scholarship applications. Most college applications and scholarship committees have a December 1 deadline of a student's senior year in high school.
- ☐ **Continue to Monitor Attendance.**
- ☐ **Encourage Involvement in Activities.** Community service, church service, school clubs and organizations are a must for a competitive resume.
- ☐ **Register for the PSAT.** MUHS offers the PSAT in October. The PSAT is a national test that contains five sections: two critical reading, two math, one writing.
- ☐ **Explore College Options.** Consider the following: location, campus size, majors offered, admission requirements, cost. Schedule visits to tour the campus and meet with admission counselors.
- ☐ **Register for the ACT/SAT.** Students should take the ACT/SAT in late spring of their junior year or

early in their senior year. Students can register for the ACT at:

www.actstudent.org

Mingus Test Center Code: **200320**

MUHS school code is **030050**

and for the SAT at:

www.collegeboard.com

Mingus Test Center Code: **03007**

MUHS school code is **030050**

- ☐ **Update Student's Resume.**
- ☐ **Have Copies of Letters of Reference.** Request letters of reference at least two weeks in advance and give a copy of updated resume to the person writing the letter of recommendation.
- ☐ **Get more involved in your student's academic success.** The counselors encourage you to subscribe to the monthly *ACT Parent*. It's full of information and free! You can access *ACT Parent* at:
www.act.org/path/parent/news/index.html
Once you subscribe, you, as parents, will receive a monthly newsletter designed to help your child succeed.

Senior Year Time Line

Fall

- Continue to take a full course load of college-prep courses.
- Keep working on your grades. Make sure you have taken the courses necessary to graduate in the spring.
- Continue to participate in extracurricular and volunteer activities. Demonstrate initiative, creativity, commitment, and leadership in each.
- To male students: you must register for selective service on your eighteenth birthday to be eligible for federal and state financial aid.
- Talk to counselors, teachers, and parents about your final college choices.
- Make a calendar showing application deadlines for admission, financial aid, and scholarships.
- Check resource books, computer programs, and your School Counseling Office for information on scholarships and grants. Ask colleges about scholarships for which you may qualify.
- Give recommendation forms to the teachers you have chosen, along with stamped, addressed envelopes so your teachers can send them directly to the colleges. Be sure to fill out your name, address, and school name on the top of the form. Talk to your recommendation writers about your goals and ambitions.
- Give School Report forms to your high school's School Counseling Office. Fill in your name, address, and any other required information on top.
- Verify with your counselor the schools to which transcripts, test scores, and letters are to be sent. Give your counselor any necessary forms at least two weeks before they are due.
- Register for and take the ACT Assessment, SAT I, or SAT II Subject Tests, as necessary.
- Be sure you have requested (either by mail or online) that your test scores be sent to the colleges of your choice.
- Mail, or send electronically, any college applications for early-decision admission by dates indicated on the college website.
- If possible, visit colleges while classes are in session.
- If you plan to apply for an ROTC scholarship, remember that your application is due by December 1.
- Print extra copies or make photocopies of every application you send.

Winter

- Attend whatever college-preparatory nights are held at your school or by local organizations.
- Send midyear grade reports to colleges. Continue to focus on your schoolwork!
- Fill out the Free Application for Federal Student Aid (FAFSA). These forms can be obtained from your counselor or go to <http://www.fafsa.ed.gov> to download the forms or to file electronically. These forms may not be processed before January 1,

so don't send them before then.

- Mail, or send electronically, any remaining applications and financial aid forms before winter break. Make sure you apply to at least one college that you know you can afford and where you know you will be accepted.
- Follow up to make sure that the colleges have received all application information, including recommendations and test scores.

Spring

- Watch your mail between March 1 and April 1 for acceptance notifications from colleges.
- Watch your mail for notification of financial aid awards between April 1 and May 1.
- Compare the financial aid packages from the colleges and universities that have accepted you.
- Make your final choice, and notify all schools of your intent. If possible, do not decide without making at least one campus visit. Send your nonrefundable deposit to your chosen school. Request that the counseling office send a final transcript to the college in June.
- Be sure that you have received a FAFSA acknowledgment.
- If you applied for a Pell Grant (on the FAFSA), you will receive the Student Aid Report (SAR) statement. Review this Pell notice, and forward it to the college you plan to attend. Make a copy for your record.
- Complete follow-up paperwork for the college of your choice (scheduling, orientation session, housing arrangements, and other necessary forms).

Summer

- Contact the school you will be attending to apply for student and/or parent loans.
- Receive the orientation schedule from your college.
- Get residence hall assignment from your college.
- Obtain course scheduling and cost information from your college.
- Congratulations! You are about to begin the greatest adventure of your life.

COMMUNITY SERVICE FORM**Class of** _____

Every student at Mingus Union High School must complete 20 hours of volunteer work as part of his/her graduation requirements.

Students must:

- A) Perform work for any non-profit organization
- B) Not complete the work for money
- C) List hours worked on a daily basis as performed. Do not log as total sum of hours worked over an extended period of time
- D) Have the adult that supervised you sign for the work you completed *each day*
- E) Signature must **NOT** come from your parent
- F) Perform work outside of regular school hours
- G) Submit this completed form to Mrs. Belzer in the School Counseling Office.

Please note: Hours completed for MUHS Clubs and/or Service Learning Activities count for community service requirement.

Student Name: _____ Current Grade: _____

DATE HOURS PERFORMED List each day separately MM/DD/YY	HOURS worked this day	NAME OF AGENCY WHERE PERFORMED	TYPE OF WORK PERFORMED	SUPERVISOR'S SIGNATURE

Total Hours: _____

City of Cottonwood - Ms. Kyla Allen 634-5526

Cottonwood Public Library - 634-7559

Verde Valley Habitat for Humanity - 649-6788

Verde Historical Society, Clemenceau Museum - Ms. Killebrew 634-2868 or
www.clemenceaumuseum.org/volunteers.html

Stewards of Public Lands - Diane Joens dianej@sedona.net or www.verdestewards.org

Second Chance Thrift Store - Ms. West 634-7555

Cottonwood Village Senior Living - Leanne 634-2956 (Must complete application, background check, and TB shots).

Verde Valley Medical Center Volunteer Services - 639-6550 or 639-6413

Verde Valley Humane Society - Jennifer Nicolella or Sierra Nobline 634-7387

Old Town Mission - Terry 634-7869

Cottonwood Big Brothers/Big Sisters - Gwen Reynolds 634-9789 ext.15

REQUIREMENTS FOR GRADUATION AND UNIVERSITY ADMISSION

A minimum of **22.5** credits is required to graduate from Mingus Union High School. There are 17.5 required subjects. The remaining requirements will consist of electives and/or university admission requirements.

Course	MUHS Requirements and Technical & Community Requirements.	AZ Universities Requirements
English	4 credits (9th, 10th, 11th, 12th)	4 credits- same requirements
Math	4 credits (to include Alg 2)	4 credits (must include one advanced math class Beyond Algebra 2)
Science	3 credits	3 credits, each from a different group A. Biology or Agriscience 2 B. Agriscience 4 or Ecology C. Earth Science D. Chemistry E. Physics 1 F. Advanced Science (Physics 2, AP Chemistry)
Social Sciences	3 credits World History 1 credit (9th or 10th) or <i>AP World History</i> U.S. History 1 credit (11th) or <i>AP U.S. History</i> American Govt. 1 credit (12th) and Economics	2 credits - (US History plus one additional social studies credit)
Physical Education	1 credit (9th)	
Vocational Ed (CTE)	2 credits (in the same discipline)	1 credit
---OR---		---OR---
Fine Arts	1 credit	1 credit
Foreign Language		2 credits of the same foreign language
Community Service	.5 credit	

MUHS offers the following Advanced Placement courses: AP U.S. History, AP Chemistry, AP Calculus, AP Studio Art, AP English Literature and Composition, AP English Language and Composition, AP Art History, AP Psychology and AP World History. Upon completion of College Board AP test, all Advanced Placement classes are weighted using the following values: A= 5.0, B= 4.0, C= 2.5, D= 1.0.

Fees: All fees must be paid to graduate and receive a diploma.

Activity Fee.....\$ 15.00	P. E. Uniform.....\$ 12.00
Locker Fee.....\$ 5.00	Parking.....\$ 75.00
Book Deposit.....\$ 40.00	Yearbook.....\$75.00
Science Class.....\$ 15.00	AP Workbook.....\$15.00

ADDITIONAL POST HIGH SCHOOL REQUIREMENTS AND RECOMMENDATIONS

I. Additional Arizona university admission requirements:

- A. A minimum of a “C” average is required in **each** of the core subject areas.
- B. An applicant must also meet at least one of the following General Aptitude Requirements for regular, unconditional admission:
 - 1. Have GPA of at least 3.00 based on the 16 required English, Math, Science, Social Sciences, Foreign Language, and Fine Arts courses *or*
 - 2. Rank in the upper 25% of the graduating class *or*
 - 3. Have an ACT composite score of at least 22 or 1040 on SAT (combine math and verbal scores only)

NOTE: University catalogs should be consulted for specific high school courses recommended or required for admission into a particular college or program, such as engineering or nursing. The *Requirements for Participation in NCAA Division I and Division II Schools* is available at www.NCAA.org.

NOTE: Out of state colleges frequently have different and/or additional entrance requirements. College web sites should be consulted.

II. The Arizona universities highly recommend the following:

- A. A math and science class during the senior year
- B. A fourth credit of college prep science
- C. A third credit of the same foreign language
- D. A foreign language course during the senior year
- E. A computer course

III. If a student fails to meet the admission requirements to attend an Arizona university, attendance at an Arizona community college is an option.

- A. If fewer than 24 transferable college credits are earned in academic courses:
 - 1. The student must meet the remaining subject requirements through successful completion of equivalent test scores.
 - 2. The student must also meet the general aptitude requirements listed above.
- B. If 24 or more transferable college credits are earned in academic courses:
 - 1. The student must meet the remaining subject requirements through successful completion of equivalent community college courses or attainment of equivalent test scores.
 - 2. The student must also earn at least a 2.00 college GPA.
- C. A transfer degree enables you to transfer to a four-year college or university. The community college will help students plan a course of study that transfers to the university.

VI. Technical Schools and Career and Technical Education Programs

- A. There are many private schools that offer specialized skill training. The programs provide technical skills needed for direct entry into a skilled occupation. The entrance requirements and fees vary.
- B. For a comprehensive listing of available career and technical education programs available in Arizona, the **Arizona College and Career Guide** is available in the School Counseling Office. The information also can be accessed online at <http://accg.azhighered.org>.

V. Military Representatives – If your career choices can be achieved through military service, you may find additional information in the School Counseling Office. You qualify for programs based upon your ASVAB score. The ASVAB test can be taken through your military recruiter. The recruiters are on campus often. They can be contacted directly or the student may sign up through the School Counseling Office.

Get an Early Start on Your College Education with ***DUAL ENROLLMENT & ADVANCED PLACEMENT***

Dual Enrollment Classes

NOTE: Beginning school year 2016-2017, Yavapai College will charge **\$10 per credit hour** for dual enrollment credits.

Dual Enrollment is an enriching program where high school students take college courses and earn college credit in their own high school. Through Dual Enrollment courses, high school students gain exposure to college academics, learn from instructors with credentials to teach at the college level, and earn college credit while fulfilling high school graduation requirements!

Benefits of Dual Enrollment

Students who take Dual Enrollment courses enjoy many benefits. Studies show that students who acquire college credits while still in high school are more likely to continue their education beyond high school. Other benefits include:

- Earn college credit at the same time as high school credit
- Become familiar with college application and enrollment processes
- Learn from Dual Enrollment instructors who have the credentials to teach at the college level
- Gain early exposure to the academic rigors of a college level course at your own high school

Dual Enrollment Courses offered at Mingus Union High School

<u>MUHS Course Title</u>	<u>YC Course#</u>	<u>YC Course Title</u>	<u>YC Credit</u>	<u>MUHS Credit</u>
Certified Nursing Assistant	AHS114	Nursing Assistant	5	2
Firefighter Certification	FSC104	Haz Mat First Responder	3	0
Firefighter Certification	FSC105	Firefighter Cert Academy	12	4
Agriscience 3	AGS120	Introduction to Animal Industry	4	1
	AGE261	Aquaculture Science	3	
Agriscience 4	AGS100	Introduction to Equine Science	3	1
	VIT100	Introduction to Viticulture	3	
Auto Tech 2	AUT100	Auto/Diesel Preventative Maintenance	2	.5
	AUT123	Automotive Brakes	4	
	AUT126	Auto/Diesel Steer/Suspension	4	
Auto Tech 3 (semester 1)	AUT108	Engine Repair Technology	4	.5
	AUT109	Auto/Diesel Elect Systems	4	
Auto Tech 3 (semester 2)	AUT132	Electrical Systems	4	.5
Digital Media 2, 3, 4	FMA-103	Storytelling through Image and Sound	3	1
	FMA-106	Storytelling through Editing	3	1
English 12 DE (semester 1)	ENG101	College Composition I	3	.5
English 12 DE (semester 2)	ENG102	College Composition II	3	.5
Precalculus	MAT187	Precalculus	5	1
College Algebra	MAT152	College Algebra	3	.5

Continued on next page

Advanced Placement (AP) Classes

Advanced Placement, or AP classes, are part of a nationwide high school program put together by the College Board. They developed 37 courses across 22 subject areas to be at college level and much more rigorous than standard high school classes. High school students can opt to take these courses if they want to stand out academically, want to be challenged, or have a keen interest in a given subject.

At the end of the AP course, and for a fee of about \$85.00, students take the AP exam. If they score well enough, some colleges will accept these scores as college credit. For example, if a student scores high on the AP Chemistry exam, he or she can skip the introductory college chemistry class. Qualifying to skip courses can save you money in college tuition, plus save you time, allowing you to graduate earlier. Not all colleges accept high AP exam scores for college credit, so be sure to check with an admissions counselor at the college of your choice.

If you do NOT take the AP exam at the end of the course, you will NOT receive a weighted grade.

AP students must purchase a workbook to prepare for the AP End of Course Test.

Advanced Placement Classes offered at Mingus Union High School:

- AP Studio Art
- AP Art History
- AP Calculus
- AP Biology
- AP Chemistry
- AP English Literature and Composition
- AP Language and Composition
- AP US History
- AP World History
- AP Psychology

Continued on next page

**Be sure to review the
attendance policy in the
Student Handbook.**

GET CONNECTED AND STAY CONNECTED WITH YOUR COUNSELORS

Get all the latest Counseling & Guidance info:  www.facebook.com/MUHSCounseling

 [Twitter.com/muhscounseling](https://twitter.com/muhscounseling)

From:

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ACADEMIC INFORMATION & STANDARDS

Students who have taken a college board advanced placement course in their secondary school may be eligible to receive YC credit. Listed are the AP subject areas accepted by Yavapai College, the score required, the credit awarded and the recommended YC equivalent. Students should have their scores sent directly to the YC Registrar's office.

Advanced Placement (AP) Table*

Exam	Score	Credits	YC Equivalent
Art History	3	3	ART 200 or ART 201
	4/5	6	ART 200 & ART 201
Biology	3	4	BIO 100
	4/5	8	BIO 181 & 182
Calculus AB	3/4/5	5	MAT 220
Calculus BC	3	5	MAT 220
	4/5	10	MAT 220 & MAT 230
Chemistry	4	5	CHM 151
	5	10	CHM 151 & CHM 152
Economics: Macro	4/5	3	ECN 235
Economics: Micro	4/5	3	ECN 236
English Language & Composition	4/5	3	ENG 101 or Dept Elective
English Literature	4/5	3	ENG 101 or Dept Elective
Environmental Science	4/5	3	Elective Credit
European History	4/5	6	HIS 201 & HIS 202
Government & Politics: US	4/5	3	POS 110
Government & Politics, Comp.	4/5	3	Elective Credit
Music Theory	4/5	4	MUS 131
Physics 1 (Mechanics)	4/5	4	PHY 111
Physics 2 (Elect. & Magnetism)	4/5	4	PHY 112
Physics B (Discontinued in 2014)	4	4	PHY 111
	5	8	PHY 111 & 112
Physics C (Mechanics)	3/4/5	4	PHY 111
Physics C (Elect. & Magnetism)	3/4/5	4	PHY 112
Psychology	4/5	3	PSY 101
Spanish Language	3/4/5	16	SPA 101, 102, 201 & 202
Spanish Literature	3/4/5	16	SPA 101, 102, 201 & 202
Statistics	3/4/5	3	MAT 167
Studio Art: Drawing	4/5	3	ART 110**
Studio Art: 2D Design	4/5	3	ART 112**
Studio Art: 3D Design	4/5	3	ART 113**
US History	4/5	6	HIS 131 & 132

*These areas of study represent the Advanced Placement Standards set by the state of Arizona's Articulation Task Forces and approved by the AZ Transfer Steering Committee.

**To receive credit, student must submit their portfolio to the Visual and Performing Arts Division Dean for approval.





ACT and SAT Information for Mingus Union High School Parents

Dear Parents,

Your child has access to Method Test Prep, an online course that helps students improve their ACT and SAT scores as well as builds their math, reading and writing skills.

Students can listen to math, verbal and writing tutorials and each tutorial is accompanied by a quiz to test student mastery. The program is highly adaptive and keeps track of a student's strengths and weaknesses. Students have access to a large pool of practice questions and receive instant feedback upon completion of each question. This feedback includes easy-to-understand explanations.

Students and parents have seen measurable progress when using Method Test Prep. Method Test Prep uses proven strategies that are clear and easy to understand for any type of learner. Method Test Prep is interactive and time efficient. By using internet technology, students are more engaged and their time is focused on areas in need of improvement.

Method Test Prep is a good fit for any type of student. The website can be accessed at any time of day or night most convenient to the student. Method Test Prep is designed to be used independently or as a supplement to other SAT or ACT prep.

Every Mingus Union High School student has access to MTP. This course raises students' SAT and ACT scores, increases their access to better colleges, and raises their competitiveness for academic scholarships. Students can watch video explanations of how to solve every commonly asked ACT and SAT question. And, students get immediate feedback on every question, and their performance is tracked so that they can realize their strengths and target their weaknesses. With Method Test Prep, students can:

- Hear audio explanations of test questions
- Access strategy guides for the test
- Complete full-length practice tests
- Receive hundreds of practice questions
- Access their courses on an unlimited, 24x7 basis, from any Web-enabled computer

ACT and SAT Prep available to all Mingus Union High School Students



"Method Test Prep helped me raise my SAT score 150 points. I've been accepted into my first-choice college and have qualified for a scholarship."

-Michael Rossano, Senior

To access Test Prep, go to the following web site:

<https://app.methodtestprep.com/MingusUnionHighSchool/signup>

1. Click on the "Signup" tab.
2. Enter your information
3. Your referral code is:

tkn.79230722

SCHEDULE CHANGES

Changing a schedule is the process of dropping one course and replacing it with another or moving a required course to a different period within the student's schedule. Counselors are not permitted to overload any teacher's class when another teacher with fewer students is available. Students, parents, and/or staff must have a valid reason(s) to change a student's schedule. Valid reasons are as follows:

1. Placement in a program (i.e. Language Arts Enrichment, Special Education, Advanced Placement)
2. Proof that credit has been earned for a course (i.e. transcript from another school)
3. Changes needed to satisfy graduation requirements
4. Changes necessitated by failures
5. Teacher's request due to misplacement
6. Changes necessitated because of student health issues
7. Computer or counselor error
8. Administrative needs for balancing classes
9. Required or requested college entrance coursework

To request a schedule change, the student and parent must complete an *Agreement and Schedule Change Request* form. Forms are available in the School Counseling Office. Once the form is completed, a counselor will meet with the student/parent to discuss the schedule change. If the request is appropriate and possible, the requested change will be made. Below is a sample of the form you **MUST COMPLETE and SUBMIT** before you see your counselor or the process of making a change will begin.

AGREEMENT AND SCHEDULE CHANGE REQUEST

Parent(s) must sign this form for a schedule change to occur. Students will be responsible for ALL assignments in the requested class.

Student ID	Grade	Student Name (please print)
Class presently enrolled in		Semester Period
Class Requested		Semester Period
Student Signature	Date	Parent Signature Date
School Counselor Signature		Phone number to reach parent

OFFICE USE ONLY: ☐ Approved ☐ Credit Check
 ☐ Not Approved ☐ This schedule change does not replace a required class graduation

Counselors may be reached at the following phone numbers or email address.

Counselors are assigned by student's last name.

<u>A-F</u>	<u>G-N</u>	<u>O-Z</u>	<u>Class of 2018</u>
Cindy Forsythe	Cynthia Harakaly	Kristy Meyers	Gretchen Wesbrock
649-4464	649-4416	649-4404	478-7944
cforsythe@muhs.com	charakaly@muhs.com	kmeyers@muhs.com	gwesbrock@muhs.com

REPEATING CLASSES & PART TIME STUDENT STATUS

REPEATING A CLASS

Classes may be repeated to raise a grade in lieu of additional credit being awarded. The student may repeat the class through Mingus Online Academy. A fee will be charged according to the fee schedule for the current school year for each course taken as a repeat. Both grades will be listed on the transcript; however, only the higher grade will be used in calculating the GPA. All classes taken through Mingus Online Academy (MOA) will be designated on the transcript as being taken through MOA. Classes that are repeated through a school other than Mingus will be honored as elective credit and will not be calculated into the Mingus GPA (Grade Point Average).

PART TIME STUDENT STATUS

Any student who attends classes less than four (4) periods per day is considered a part time student. Part time students are not eligible to participate in any Mingus Union High School extra-curricular activities. Examples of such activities are all sports teams, Theatre, Choir, Band, FFA, National Honor Society, Hot Rod Club, Link Crew and Student Council.

REQUEST TO TAKE 2 MATH CLASSES CONCURRENTLY

Current math teacher and parent must sign this form for student to take two math classes in one school year. Student is responsible for ALL assignments in both math classes.

<u>REQUEST TO TAKE 2 MATH CLASSES CONCURRENTLY</u>		
<div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 5px;"></div> Student ID	<div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 5px;"></div> Grade	<div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 5px;"></div> Students Name (please print)
<div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 5px;"></div> Math class presently enrolled in	<div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 5px;"></div> Current grade	
<div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 5px;"></div> 1st Request Math Class	<div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 5px;"></div> 2nd Requested Math Class	
<div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 5px;"></div> Reason for request		
<div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 5px;"></div> Signature of Current Math Teacher	<div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 5px;"></div> Date	
<div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 5px;"></div> Student Signature	<div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 5px;"></div> Date	
<div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 5px;"></div> Parent Signature	<div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 5px;"></div> If on IEP, File Manager Signature	<div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 5px;"></div> Date

STAY CONNECTED

Get all the latest Counseling & Guidance info:  www.facebook.com/MUHSCounseling



[Twitter.com/muhscounseling](https://twitter.com/muhscounseling)

EXTRACURRICULAR & CO-CURRICULAR ACTIVITIES

Listed below are the sports and extracurricular activities offered for the 2015-2016 school year.

Requirements and prerequisites are available from the specific activity advisor.

CLUBS: ADL/World of Difference – *Laura Logsdon*
ATORT (A Troupe Of Ridiculous Thespians)/Theatre – *James Ball*
ASW Student Chapter/Welding-*Andrew Lamer*
Chess Club – *Tim Haggerty*
Explorers – *Officer Watson*
FBLA Future Business Leaders of America – *Rick Finley*
FFA – *Eric Banuelos*
Hot Rod Club – *Andy Hooten*
HOSA (Health Occupation Students of America) – *Mike Boysen*
Ignite – *Carol Smith*
Interact – *Cindy Bruchman*
International Explorers – *Kristy Meyers*
Key Club – *Colleen Whitehurst*
Mingus Production – *Jeff Wood*
National Honor Society – *Oouida Dorr*
Native American Club – *Shelley Kitchen*
Skills USA – *Andrew Lamer/Andy Hooten/Rick Finley*
Student Council – *Chad Scott*
YATCY - *Gretchen Wesbrock*
Youth Alive - *Klint McKean*

Coaches and club advisors are subject to change at any time.


SPORTS:

Baseball – *Bob Young*
Basketball (Boys) – *David Beery*
Basketball (Girls) – *Bri Young*
Cross Country – *Tiffany Goettl*
Football – *Bob Young*
Golf – *Craig Mai*
Soccer (Boys) – *Calvin Behlow*
Soccer (Girls) – *Andrea Strobel*
Softball – *John Brown*
Spiritline / Cheerleading – *Brenda Watson*
Swim Team – *Gretchen Wesbrock*
Tennis (Boys) – *Tyler Novak*
Tennis (Girls) – *Andrea Meyer*
Track and Field – *Yancey DeVore*
Volleyball – *Loraine Roethler*
Wrestling – *Tim McKeever*

Part Time Students Note (Part time means taking fewer than four classes per day):

Any student who attends classes less than four (4) periods per day is considered a part time student. Part time students are not eligible to participate in any Mingus Union High School extra-curricular activities. Examples of such activities are all sports teams, Theatre, Choir, Band, FFA, National Honor Society, Hot Rod Club, Link Crew and Student Council.

WELCOME TO OUR STUDENT INFORMATION SYSTEM

To access  , go to our local website: www.mingusunion.com

For Gus Marauder.....

Login: 987654

Password: 1234

Select "Current Progress" to view your student's classes.
Click on "Report" link to view current grade and assignments.

To e-mail your child's teacher, just click on their name (in blue).
Feel free to click on the other links shown for more information on your student.



HELP US STAY IN TOUCH . . .

by advising us of any address or phone number changes. Notify Dale Williams in the School Counseling Office at 928-649-4401 to avoid delays in receiving progress reports, report cards, test results, absence reporting, and important announcements. E-mail addresses are also helpful. An address change requires resubmitting proof of residency.

It is also important that we are advised of any special custody/guardianship situations. A copy of supporting legal documentation is required for the student's file.

CURRENT SCHOLARSHIP INFORMATION

Please refer to the Mingus HS website (www.mingusunion.com). Under the "High School" tab, select "Counseling and Guidance Resources." Then select "Financial Aid and Scholarships."

GET CONNECTED AND STAY CONNECTED

Get all the latest Counseling & Guidance info:  www.facebook.com/MUHSCounseling

 [Twitter.com/muhscounseling](https://twitter.com/muhscounseling)

SUMMER SCHOOL REGISTRATION**MINGUS UNION HIGH SCHOOL****2016****Courses are highly concentrated. Therefore, credit will not be awarded after two absences.**This completed registration form will be accepted in the MUHS Counseling Office until **April 25th**.

Upon receipt of this form, your student is enrolled in the class. You **will not** receive any other information prior to the start of class. Students should arrive early the first day. Room numbers will be posted in the main office and in the courtyard the first day of class, May 24, 2016

Math and English classes are for students who failed and need to recover credit. These classes will be covered under a Title I grant and will be offered for free.

Course Title	Time	Credit	Dates	Fee
Repeat Algebra 1, 2 Repeat Geometry Repeat Discrete	7:00 AM - 1:00 PM	1	May 24 th – June 21 st	No Fee
Repeat English 9, 10, 11, 12	7:00 AM - 1:00 PM	1	May 24 th – June 21 st	No Fee

Questions can be directed to the Counseling Office at 649-4402

2016 SUMMER SCHOOL REGISTRATION *(please print)*

STUDENT: _____ PHONE _____

ADDRESS: _____

GRADE LEVEL (in 2016-2017): 10 11 12 **(please circle)**

First Choice _____

Second Choice _____

Parent/Guardian Signature _____ Date _____

NOTE: Please return this form to the Counseling Office.

CAREER AND TECHNOLOGY EDUCATION

AGRISCIENCE

The Agriscience program prepares students for employment in various production, sales, and supplier positions in the agriculture industry. When completed, students will possess the technical knowledge and skills associated with agricultural science, production and health, marketing, and sales positions. Students will develop technical skills, leadership, advanced employability, critical thinking, applied academic, and life management skills. The program utilizes a delivery system of formal instruction, experiential education, leadership and personal development through the Career and Technical Student Organization, FFA. **Beginning with class of 2017, Agriscience 2 and 4 count as Science credits.**

Course #	Course Name	Grades	Credits	Prerequisites
9010	AGRISCIENCE 1	9-12	1	None

This course is the introductory class in the Agriculture Program. Classroom instruction includes plant science, small animal production, greenhouse production plus leadership and team building. Students in this class enjoy a hands-on experience. Skills are tested in the many contests the FFA national organization has to offer. Students will plant, maintain, and market a large selection of fresh vegetables. Students are required to have an individual project related to agriculture to promote work ethic and enhance workplace skills. Examples of these projects are raising animals for sale, developing gardens, raising fish, agriculturally related science experiments, etc. Participation in FFA is mandatory and is a part of the state required curriculum.

Course #	Course Name	Grades	Credits	Prerequisites
9020	AGRISCIENCE 2	10-12	1	# 9010

This course covers the biological world as explored through hands-on labs. In this class students create insect collections, work in the garden, visit fish hatcheries and maintain and collect data with a compost project. Units covered in this class include entomology, aquaculture, ecology, plant and animal genetics, and vegetable production. Outside-of-class projects called SAE (supervised agricultural experience) are required in order for students to extend their learning and develop their work ethic and workplace skills. State Biology Standards are taught throughout a full year of Applied Biological Systems. Participation in FFA is mandatory and is a part of the state required curriculum. **Students completing a full year of Agriscience 2 will earn Biology Credit accepted at all Arizona Universities.**

Course #	Course Name	Grades	Credits	Prerequisites
9030	AGRISCIENCE 3 (Dual Enrollment)	11-12	1	# 9020
AGS120	Introduction to Animal Industry		4	
AGE261	Aquaculture Science		3	

This course covers the advanced study and practices of livestock which include horses, swine, cattle, sheep and poultry. Students will also participate in agricultural mechanics including woodworking, irrigation, surveying, as well as participating in FFA. Technical information, demonstrations and hands-on practicum will be presented in the above subject areas. Students are required to select an individual project related to agriculture to promote work ethic and enhance workplace skills. This course also includes an introduction to the aquaculture & fisheries industry and the related career opportunities. Topics include basic fish culturing environments, species identification of fresh and saltwater fish, fish biology, disease prevention & treatments, and fish feeds & feeding techniques. Participation in FFA is mandatory and is a part of the state required curriculum.

Course #	Course Name	Grades	Credits	Prerequisites
9040	AGRISCIENCE 4 (Dual Enrollment)	12	1	#9030
VEN100	Introduction to Viticulture		3	

This course is an advanced-level course and a continuation of the Agriscience curriculum. Students will participate in hands-on projects that focus on career and college readiness as well as agricultural mechanics. Students are required to select an individual project related to agriculture to promote work ethic and enhance workplace skills. Also covered is the world history of grapes and their products. Emphasis is on the varieties of grapes, grapevine biology and physiology, vineyard management and harvest & post-harvest operations. Participation in FFA is mandatory and is part of the state required curriculum. Students that complete Agriscience 4 will earn science credit that is accepted by Arizona Universities. This course is a dual credit class through Yavapai Community College and will allow students to earn 3 credits in the Yavapai Introduction to Viticulture class.

AUTOMOTIVE TECHNOLOGY

The automotive technology program uses Arizona State Standards to prepare students for entry level positions in the automotive repair industry. Instruction includes areas such as: vehicle maintenance, engines, electrical, steering, suspension, brakes, and wheel alignment. Students who complete the program have the opportunity to attain college credits through Yavapai College and receive a certificate in Basic Automotive Service Technology.

Course #	Course Name	Grades	Credits	Prerequisite
9310	AUTO TECHNOLOGY 1	10-12	1	None

This course provides students with a foundation of automotive theory to progress into more advanced sections of auto such as in Auto2 and Auto 3. This course begins with safety in the shop environment and careers in the industry then progresses into a basic understanding of the complete automobile. Content includes: maintenance, tools, fasteners, tires, brakes, alignment, steering, suspension, basic electricity, and engines. This course is a prerequisite for Auto 2. Students in Auto 1 are encouraged to actively participate in the Auto Club at MUHS.

Course #	Course Name	Grades	Credits	Prerequisite
9320	AUTO TECHNOLOGY 2 (Dual Enrollment)	10-12	1	70% or better in #9310
AUT 100	Auto/Diesel Preventative Maintenance		2	
AUT 123	Automotive Brakes		4	
AUT 126	Auto/Diesel Steer/Suspension		4	

After gaining a strong foundation for the automobile in Auto 1, students will have the opportunity to apply their knowledge to understanding the operation and repair of steering, suspension, brakes and alignment. This course is a prerequisite for Auto 3. Students in Auto 2 are expected to actively participate in the Auto Club at MUHS.

Course #	Course Name	Grades	Credits	Prerequisite
9330	AUTO TECH 3 (Dual Enrollment)	11-12	1	70% or better in #9320
AUT108	Engine Repair Technology		4	or teacher approval
AUT109	Auto/Diesel Elect Systems		4	

In Auto 3, students use their skills acquired in previous courses to understand advanced technology used in modern automobiles, students who are in Auto 3 are provided the opportunity to attend competitions to test their skill in automotive knowledge and leadership. Instruction includes: engine rebuilding and repair, electric system diagnostics. Students who successfully pass all three courses are considered completers in automotive technology and will receive a certificate in basic automotive technology through Yavapai College. Students in Auto 3 are expected to actively participate in the Auto Club at MUHS.

BUSINESS OPERATIONS SUPPORT and ASSISTANT SERVICES

The Business Operations Support and Assistant Services program is designed to prepare students for instruction in business communications, principles of business law, word processing, data entry, office machine operations, office procedures, public relations, filing, records management and report preparation. An integrated approach of teaching and learning is provided as students enhance their technical knowledge and skills that are associated with functions within Business Operations Support and Assistant Service occupations including Administrative Assistant, Executive Assistant, Office Manager, Information Assistant, Desktop Publisher, Customer Service Assistant, Data Entry Specialist, Receptionist, Computer Operator or Word Processor. In addition to the occupation related skills, students completing this program will also develop advanced critical thinking, applied academics such as math and language arts, interpersonal relations, life management, business, economic, and leadership skills required for the 21st century workplace. The program uses a delivery system made up of four integral parts: formal/technical instruction, experiential learning, supervised occupational experiences, and the Career and Technical Student Organization, FBLA (Future Business Leaders of America)

Course #	Course Name	Grades	Credits	Prerequisite
9100	INTRODUCTION to BUSINESS	9-12	1	None

This course is recommended for students who have an interest in Administration and Information Support to learn how to utilize technology to perform and coordinate the administrative activities of an office and to ensure that information is collected and disseminated to staff and clients effectively and efficiently.

Course #	Course Name	Grades	Credits	Prerequisite
9110	ADVANCED BUSINESS	10-12	1	#9100

Students enrolled in this course will develop advanced knowledge and skills in desktop publishing, office procedures, transcription, public relations, records management and customer service while integrating the skills attained in the Introduction to Business Operations Support and Assistant Services course. We may add an Internship in the third year that will allow students to engage in learning through participation in a structure work experience that will be either paid or unpaid.

DIGITAL FILMMAKING

The Digital Filmmaking program will prepare students to plan, prepare and execute commercial and industrial image products. Students will learn to use mechanical, electronic, and digital equipment. Students who complete the program will develop technical skills,

advanced critical thinking, career development, applied academic, life management, business, economic and leadership skills. The program consists of formal/technical instruction, experiential learning, supervised occupational experience, and the Career and Technical Student Organization, SkillsUSA.

Course #	Course Name	Grades	Credits	Prerequisite
9810	DIGITAL FILMMAKING 1	9-12	1	None

Digital Filmmaking 1 is an introduction to narrative and documentary video production. Students will learn the basics of the production process, including script writing, planning for a short video shoot, the use of audio and visual equipment, non-linear video editing and distribution to DVD.

Course #	Course Name	Grades	Credits	Prerequisite
9820	DIGITAL FILMMAKING 2	10-12	1	#9810

Digital Filmmaking 2 will reinforce the skills learned in Digital Filmmaking 1 and provide advanced-level instruction for more complex productions. Students will have access to professional grade audio and video equipment and will learn how to work on a professional crew.

Course #	Course Name	Grades	Credits	Prerequisite
9830	DIGITAL FILMMAKING 3	11-12	1	#9820

Students will work toward independent narrative and/or documentary film projects under the guidance of the instructor.

Course #	Course Name	Grades	Credits	Prerequisite
9840	DIGITAL FILMMAKING 4	12	1	#9830

Students work to create independent audio and video projects. The goal is to create professional level projects for businesses and organizations in the community, short films of the student's creation, and projects for national competitions. A professional portfolio will be expected by the end of this course.

DRAFTING/DESIGN TECHNOLOGY

The Drafting/Design Technology program prepares students to plan scale interpretations of engineering, design and architectural drafting applications in industry. Instruction will include the use of precision drawing instruments, Computer Assisted Drawing and Design (CADD), sketching, illustration and specification interpretation. Upon completion, students will possess technical skills, advanced critical thinking, employability, applied academic, life management, business economic, and leadership skills. The program consists of formal/technical instruction, experiential learning, supervised occupational experience, and the Career and Technical Student Organization, SkillsUSA.

Course #	Course Name	Grades	Credits	Prerequisites
9410	CADD 1	9-12	1	Algebra 1 preferred

This course will provide you with an introduction to drafting knowledge and skill. You will learn about the various employment opportunities in the CADD field. Two-dimensional style drawing techniques will be used to create single and multi-view drawings. International mechanical drawing standards are emphasized. AutoCAD 2010 is the software used. This course is required if you want to take CADD 2 or CADD 3. Enrollment in CADD 1 allows for participation in SkillsUSA.

Course #	Course Name	Grades	Credits	Prerequisites
9420	CADD 2	10-12	1	#9410

CADD 2 will give you the opportunity to develop three-dimensional drawing skills through the production of full-color solid models and advanced 2-dimensional drawing. These solid objects will then be physically produced with the 3-dimensional printer. Solid Works 2010 solid modeling software is used. Enrollment in CADD 2 allows for participation in Skills USA.

Course #	Course Name	Grades	Credits	Prerequisites
9430	CADD 3	11-12	1	#9420

You will learn advanced applications of computer-aided drafting with special emphasis placed upon Architectural Design. You will design and draw a complete set of house plans. AutoCAD 2010 is the software used. A state end-of-course examination is required.

Course #	Course Name	Grades	Credits	Prerequisite
9440	CADD 4	12	1	#9430

You will learn advanced applications of computer-aided drafting with special emphasis placed upon Advanced Solid Modeling. Solid Works 2010 is the software used. You will further your solid modeling skills through advanced projects with an emphasis on motion and

functionality of design. Participation in SkillsUSA is encouraged. A state end of course examination is required. A national Solid Works certification examination is available upon request. An examination fee is required.

ENGINEERING

Engineering is the application of science and mathematics by which the properties of matter and the sources of energy in nature are made useful to people.

Course #	Course Name	Grades	Credits	Prerequisite
9990	INTRO TO ENGINEERING	10-12	1	"B" or better in Algebra 1 or Teacher Approval

Introduction to Engineering is for students who are interested in design and engineering. The major focus of the course is to expose students to design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. Students will have the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based learning.

Course #	Course Name	Grades	Credits	Prerequisite
9995	ENGINEERING APPLICATIONS	11-12	1	#9990

Engineering scope, content, and professional practices are presented through practical applications. Students will develop critical thinking and problem-solving skills through instructional activities that pose design and application challenges for which they develop solutions. Students will work in engineering teams that apply technology, science, and mathematics concepts and skills to solve engineering design problems. Students will research, develop, test and analyze engineering designs using criteria such as design effectiveness, public safety, human factors, and ethics. Students will also learn how engineers and technicians use the problem solving process to benefit people. The course also addresses concerns about social and political consequences of technological change.

FIRE SCIENCE

This high school administered college-level course is designed to prepare entry-level firefighters to successfully achieve State of Arizona Fire Fighter I & II certification. It will teach them to understand and manage the role and function of a fire fighter as outlined in NFPA 1001 - Standard for Fire Fighter Professional Qualifications. This course is hazardous by its nature, and includes high-risk functions such as breathing apparatus use, power tool operations, ladder operations, roof ventilation skills, vehicle extrication, and live fire fighting exercises. Students should be prepared for a mentally and physically challenging experience. The program consists of formal/technical instruction, experiential learning, supervised occupational experience, and the Career and Technical Student Organization, SkillsUSA.

Course #	Course Name	Grades	Credits	Prerequisite
9920	FIREFIGHTER CERTIFICATION ACADEMY (Dual Enrollment)	12	4	Pass COMPASS
FSC104	Hazardous Materials		3	reading + place into
FSC105	Firefighter Cert Academy		12	MAT122 or C or
	Note: This class meets two periods.			higher in Algebra 1

Firefighter Certification Academy - Essentials of fire fighting including fire department operations, fire fighting equipment, and safety. Emphasis on the chemistry of fire, techniques of fire fighting, and utilization of equipment in fire suppression. The course includes preparation for State Fire Marshal Fire Fighter I & II certification. **This course is dual enrollment through Yavapai College and will allow students to earn 12 credits. You must submit an Instructor Approval Form to the School Counseling Office. The form can be found at www.mingusunion.com.**

HEALTH SERVICES

This program is designed to prepare high school students with foundations in knowledge and the technical skills needed to help them continue their education in the field of Sports Medicine and Rehabilitation Services or Other Health Care and Medical Fields by successfully completing an appropriate postsecondary program.

Course #	Course Name	Grades	Credits	Prerequisites
9451	SPORTS MEDICINE 1	10-12	1	None

Sports Medicine 1 is recommended for students who are considering going specifically into sports medicine or into any health care or medical related field. Emphasis will be placed on athletic training and orthopedic medicine. The purpose of this course is to provide students with an anatomical and physiological understanding of the major systems of the human body: skeletal, muscular, respiratory, circulatory systems, anatomical disorders and exercise physiology. The prevention, cause/effect, treatment, and rehabilitation of athletic injury, standard first aid, athletic training procedure, and CPR will be taught.

Course #	Course Name	Grades	Credits	Prerequisites
9452	SPORTS MEDICINE 2	11-12	1	#9451

Sports Medicine 2 is recommended for students who are considering going specifically into sports medicine or into any health care or medical related field. The student must have taken and completed Sports Medicine 1. Emphasis will be placed on expanding the knowledge and skills attained in Sports Medicine 1.

Course #	Course Name	Grades	Credits	Prerequisites
9453	SPORTS MEDICINE 3	12	1	#9452 + Instructor approval

Sports Medicine 3 is recommended for students who have a strong career interest in the health care or medical related fields. Pursuing a certification as a clinical medical assistant is included. An emphasis on furthering career decisions and community based learning will take place as well.

Course #	Course Name	Grades	Credits	Prerequisites
9455	SPORTS MEDICINE INTERNSHIP 12	12	1	#9452 + Approval from Athletic Trainer

This is an advanced Work Experience or Internship program for which students must apply to the Athletic Trainer. This may or may not include classroom time. This will require extensive work and participation outside of the school day. Pursuing a certification as a Clinical Medical Assistant is included.

NURSING SERVICES

The Nursing Services program prepares students for employment as nursing assistants, home health aides, or acceptance into an articulated nursing program at Yavapai College. Students passing both a written test and technical skill evaluation are qualified to become certified as Nursing Assistants. Students completing this course will develop technical skills, advanced critical thinking, applied academic, career development, life management, business, economic, and leadership skills. The program consists of formal/technical instruction, experiential learning and supervised occupational experience in a nursing facility.

Course #	Course Name	Grades	Credits	Prerequisite
9050	CERTIFIED NURSING ASSISTANT 1 & 2 (Dual Enrollment)	12	2	Application
AHS114	Nursing Assistant		5	

Note: This class meets 2 periods and is limited to 10 students

This course is designed for students interested in the nursing field but also recommended for students considering going into any health or medical related field. This 3-hour class includes classroom, lab practice and "hands-on" clinical instruction at a local hospital and nursing home. Focus will be on basic nursing assistant skills, resident/patient needs and rights, medical terminology, communication and ethical/legal aspects of care and emergency procedures. Students will also earn a Health Care Provider CPR [cardio pulmonary resuscitation] card. Passing this course qualifies students to take the State Certified Nursing Assistant exam leading to state certification and will fulfill the prerequisite requirement for the nursing program at Yavapai College. CNA students meet on site daily at the Verde Valley Medical Center campus for training. CNA students are to provide their own means of transportation. **Students are dual enrolled with Yavapai College and receive 5 college credits upon the successful completion of this course. You must submit an application to the instructor. The application form can be found at www.mingusunion.com.**

TECHNICAL THEATRE

The Technical Theatre program prepares students for jobs related to production in the entertainment industry. Whether the student pursues a career in production, or is seeking fill in income while perusing other fields of interest, these courses will give the student a head start into the industry. Instruction includes an integrated approach for skills in theatrical carpentry, lighting, rigging and sound. Students completing this course will develop technical skills, advanced critical thinking, applied academic and career development, life management, business, economic and leadership skills. The program consists of formal/technical instruction, experiential learning, and supervised occupational experience.

Course #	Course Name	Grades	Credits	Prerequisite
6230	TECHNICAL THEATRE 1	9-12	1	None

This course is an introduction to the behind the scenes activities of theatre. Students will learn the fundamental hierarchy, terminology, history, safety and basic skill sets that make a production happen. This is not an acting class. Content of this course will include design, scenery construction, scene painting, lighting, sound, rigging, costumes and make up. The curriculum of this class will be geared toward a "Hands On" experience in the production of our main stage shows.

Course #	Course Name	Grades	Credits	Prerequisite
6231	TECHNICAL THEATRE 2	10-12	1	6230

This course will be geared toward the in depth study of the technical theatre. The students will explore designing scenery, lighting, cos-

tumes and sound for theatre productions. Advanced construction scene painting and rigging techniques will be introduced and used in our main stage productions. Lighting, sound and costuming are covered in this course through extensive practical application.

Course #	Course Name	Grades	Credits	Prerequisite
6235	THEATRE MANAGEMENT 1	10-12	1	None

This course is intended for the student to learn about theatre management. The content of this course includes: publicity, marketing, and state management. The organization of the business end of the theatrical production will be stressed. This is a "paper heavy" experience utilizing organizational skills, creativity in marketing, and the handling of budgets.

WELDING TECHNOLOGY

Welding Technology prepares students for jobs related to the fabrication, joining and machining of metals. Instruction includes an integrated approach for skills in sheet metal, welding and machining technology. Students completing this course will develop technical skills, advanced critical thinking, applied academic, career development, life management, business, economic, and leadership skills. The program consists of formal/technical instruction, experiential learning, supervised occupational experience, and SkillsUSA.

Note: Welding classes are on a three-year rotation. Each year a different type of welding will be taught.

Course #	Course Name	Grades	Credits	Prerequisite
9560	GAS TUNGSTEN ARC WELDING	9-12	1	None

This class will focus on developing and advancing the students' welding and metal working skills. The instructor will introduce Gas Tungsten Arc Welding (GTAW) commonly referred to as TIG welding and learn to weld on steel, stainless steel and aluminum. Students will also learn general shop safety, Thermal cutting processes, Weld symbols, Print reading, and Measuring. Upon completion of this course, students will be able to perform general entry level structural welding for fabrication and machine shops.

GENERAL CURRICULUM

ENGLISH

Course #	Course Name	Grades	Credits	Prerequisite
2010	ENGLISH 9	9	1	None

English 9 is aligned with the Common Core Standards and provides students with an overview of literature across forms and genres (short stories, novels, poetry, drama, and literary nonfiction). Some of the required works will be *To Kill a Mockingbird*, *Romeo and Juliet* and *The Odyssey*. To begin preparation for the State Standardized Exam, the writing focus is expository and persuasive to increase students' analytical skills. Additionally students will begin to read and respond to literary criticism. Also included are skills in using the library, speaking, listening and vocabulary. **Students are required to complete a minimum of four extended writing assignments (two per semester) in order to receive credit for the class.**

Course #	Course Name	Grades	Credits	Prerequisite
2015	PRE-AP ENGLISH 9	9	1	See Pre-AP and AP NOTE below

The material students will encounter in Pre-AP will build a foundation of knowledge, concepts, and skills needed to engage successfully in a higher level of learning, helping to ensure future success in AP courses. The curriculum for this class meets the expectations of The College Board through the application of Common Core ELA Standards. This course will challenge students to think critically and express content understandings in a variety of ways. Students will be required to read, write, listen, and speak at an academically advanced level, with an emphasis on providing research and evidence to support findings, positions, and analyses. **Students are required to complete a minimum of four extended writing assignments (two per semester) in order to receive credit for the class. Summer work is required. For the assignments and guidelines see mingusunion.com.**

Course #	Course Name	Grades	Credits	Prerequisite
2020	ENGLISH 10	10	1	#2010

English 10 builds on freshman skills and continues to prepare sophomore students for state-mandated tests. As part of the curriculum, students will study literature from around the world, primarily from Latin America, Asia, Africa, the Middle East, and Russia. Each unit allows for close study of literary works, as well as consideration of historical and cultural context. Required texts include *The Underdogs*; *Cry, the Beloved Country*; *Master Harold and the Boys*; *The Sound of Waves*, and *One Day in the Life of Ivan Denisovich*. Writing will focus on literary analysis, persuasive and expository essays. Students will also take part in student-led seminars, deliver memorized poems or speeches, and continue vocabulary study. **Students are required to complete three essays in the course of the school year in order to receive credit for the class.**

Course #	Course Name	Grades	Credits	Prerequisite
2025	PRE-AP ENGLISH 10	10	1	See Pre-AP and AP NOTE below

World Literature is the foundational study underlying Pre-AP Eng. 10; there is a greater concentration on analytical writing, reading, and discussion. Weekly vocabulary study comes from a separate vocabulary book and constitutes a hefty percentage of the course grade. Pre-AP students read two additional novels: *The Joy Luck Club* (Chinese-American) and *Things Fall Apart* (Africa). Students **MUST** complete a reading assignment during the summer and turn it in on the first day of class. As with regular English 10, students are required to satisfactorily complete a minimum of three essays in order to earn credit for the course. Summer work is required. A field trip to the Utah Shakespeare Festival and a collaborative project with the Art department are part of the enriched course offerings. **Summer work is required. For the assignments and guidelines see mingusunion.com.**

Course #	Course Name	Grades	Credits	Prerequisite
2030	ENGLISH 11	11	1	#2020

English 11 is devoted to a study of American literature from the early Native American mythology to the late twentieth century. Students build on their writing skills from previous years, integrating multiple sources and perspectives into their work, reading literary criticism, and writing longer and more complex research and analytical essays. **Students are required to complete a minimum of six extended writing assignments (three per semester) in order to receive credit for the class.** Some of the required texts, in continued alignment with the Common Core Curriculum, are *The Crucible*, *Of Mice and Men*, *Catcher in the Rye* and *The Great Gatsby*.

Course #	Course Name	Grades	Credits	Prerequisite
2035	AP LANGUAGE AND COMPOSITION	11	1	See Pre-AP and AP NOTE below

AP Language and Composition is a college-level course for juniors following English 10 Pre-AP. This course engages students in becoming skilled readers of prose written in different periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. This reading and writing should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way generic conventions and the resources of language contribute to effectiveness in writing. Students must complete a summer reading project which is due on the first day of class. Transfer students must have been enrolled in AP or Pre-AP English in their former school. Successful completion of English Pre-AP 9 and 10 are recommended. It is highly recommended that all students who complete the course take the AP Language and Composition exam in May. Non-fiction selections will be assigned for summer work. **Students are required to complete a minimum of six extended writing assignments (three per semester) in order to receive credit for the class.** Summer work is required. For the assignments and guidelines see mingusunion.com

Course #	Course Name	Grades	Credits	Prerequisite
2040	ENGLISH 12	12	1	#2030

English 12 is designed to prepare students to be successful in an academic or professional setting after high school. The Common Core focus for English 12 is on European Literature from the Dark Ages to the 20th century. Required texts include *Hamlet*, *Frankenstein*, and *The Metamorphosis*. By the end of twelfth grade, students will have become familiar with some of the major works and ideas of European Literature, have honed their skills of literary analysis, and will have written multiple research-based essays. **Students are required to complete a minimum of six extended writing assignments (three per semester) in order to receive credit for the class.**

Course #	Course Name	Grades	Credits	Prerequisite
2045	AP ENGLISH LITERATURE AND COMPOSITION	12	1	See AP note below

AP Literature and Composition will engage college-bound seniors in the careful reading and critical analysis of classic and contemporary British, American, and European literature and deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. Students must complete a summer reading project which is due on the first day of class. Writing assignments focus on the critical analysis of literature. Toward that end, writing instruction focuses on developing coherence, unity, precision, structure, and stylistic maturity. By the end of the course, students will be able to analyze various literary genres, complete multiple research projects and employ a variety of test-taking skills and techniques that will enable them to satisfactorily complete both the multiple choice and essay portions of the AP Literature and Composition exam in the spring. This course is designed to meet the needs of and challenge the abilities of students who are gifted and talented in English. It is the equivalent of the first-year literature study (ENG 102) at a college or university. Transfer students must have been enrolled in AP English or have a grade of A or B in an honors-level course. **Students are required to complete a minimum of six extended writing assignments (three per semester) in order to receive credit for the class.** Summer work is required. For the assignments and guidelines see mingusunion.com.

Pre-AP and AP NOTE - A Note about English Pre-AP and AP Language and Composition Classes:

English Pre-AP and AP Language and Composition courses are intended for highly motivated students for whom reading and writing is a passion. Admittance to a Pre-AP course may require the following:

- 1) Demonstrated commitment to course work
- 2) A recommendation from the previous English teacher
- 3) Completion of a summer reading/writing component.
- 4) Parent/Counselor meeting w/instructor

Course #	Course Name	Grades	Credits	Prerequisite
2041	ENGLISH 12 (Dual Enrollment)	12	1	See note below
ENG101	College Composition I		3	
ENG102	College Composition II		3	

English 12 Dual Enrollment (101) focuses on composing expository and argumentative essays for specific audiences. Emphasis is on the processes of writing, reading and critical thinking with an introduction to research and documentation. The course includes extensive critical reading and writing. Second semester (102), fluency, literary analysis, and critical writing will be emphasized. Students will further develop research skills to write a critical, documented essay. **A grade of C or better will earn English 101/102 credit at Yavapai Community College which is transferable to most colleges and universities.**

NOTE: Students may elect to take English 101 and 102 at the Yavapai College campus in lieu of a MUHS senior level English course with the following conditions:

1. Must have passed the State Standardized Exam and be in good academic standing (A/B in English courses)
2. Must pass the Yavapai College entrance/proficiency test

Please Note: English 100 will NOT be considered for any part of the English 12 (1.0 credit) requirement.

***To better assure student success at Yavapai College, all students who are enrolling for the first time in an English, Math, or General Education class or are under the age of 18 and have not yet received a high school diploma are required to take the (free) English and Math skills assessment test at Yavapai College. It is also recommended that students will have earned a B or better in Algebra 1, Geometry and Algebra 2.**

FINE ARTS - Performing

The goal of the Performing Arts Department at Mingus Union High School is to provide an aesthetic experience, teach music or theatre through performance, nurture creativity, and provide a sequential program of performing arts study through listening, reading, playing, singing, and performing. The Performing Arts Department also provides the opportunity for individual performers to strive for and achieve membership in regional, stage, and international performing ensembles and honor societies.

Course #	Course Name	Grades	Credits	Prerequisite
6117	MUSIC THEORY	9-12	1	None

Music Theory is the exploration into the world of music. In this class you need no previous knowledge of music. You will begin exploring how composers organized and put together music. You will learn basic music notation, melodic and harmonic dictation, ear training, and part writing techniques. Upon completion of this course you will be able to sight read music and perform on a level above your peers. If you choose to continue in music, then you might be able to test out of at least one semester of college work at a university. Depending on course enrollment, this course may be offered in alternating years.

Course #	Course Name	Grades	Credits	Prerequisite
6200	CHORALE / CONCERT CHOIR	9-12	1	None

In this course, students learn how to read music, sing, and perform throughout the year. You do not need previous singing experience to take this class. Basic music theory, sight reading, rhythms, and vocal production will be covered. Students will be involved with the musical review in January as well learning songs from different genres of music to perform in the community and throughout the year. Participation at concerts and performances is expected and required.

Course #	Course Name	Grades	Credits	Prerequisite
6205	HONORS CHOIR	10-12	1	#6200

This choir is auditioned and selected the year prior. Students must have completed one year of Concert Choir. Students will be performing college level music and focusing on advanced singing concepts. This group will have more community performances than concert choir.

Course #	Course Name	Grades	Credits	Prerequisite
6105	BEGINNING BAND	9-12	1	None

This course is designed to aid those interested in learning a musical instrument (woodwind, brass, or percussion). The student must be committed to devoting the time and energy to practice. The decision of which instrument to learn must meet with band director's approval. This class is also geared towards advanced musicians interested in taking up a secondary instrument. Basic music theory, history, and selected musical literature are also covered. **This is a performance class, and students will be required to participate in spring concerts.**

<i>Course #</i>	<i>Course Name</i>	<i>Grades</i>	<i>Credits</i>	<i>Prerequisite</i>
6150	DRUMMING/PERCUSSION ENSEMBLE	9-12	1	None

This course is designed for the non-musician or any student wishing to further their skill in drumming. In this course, students learn basic to intermediate skills on melodic percussion, concert and marching snare drum, Afro-Caribbean instruments, and various genres on drum set. The course will also feature music reading, music terminology, music history, and music theory. The first semester's primary focus will be on rudimental percussion and drumset, while the second semester will emphasize concert and melodic percussion. Students may feel free to purchase their own sticks, mallets, etc. to further their skill. At the conclusion of each semester, the class will perform a piece(s) of music alongside the MUHS concert band at concerts, as well as athletic events in the winter and spring. This is a performance class. Attendance at performances is required.

<i>Course #</i>	<i>Course Name</i>	<i>Grades</i>	<i>Credits</i>	<i>Prerequisite</i>
6120	BAND	9-12	1	At least 1 year band/musical experience or Director Approval

This ensemble meets as the Marauder Marching Band in the fall term. The Marching Band is a performance group, representing MUHS by performing at varsity football games, varsity men and women's basketball games, state-sponsored band competitions, pep assemblies, fall concerts, and community events. The Marching Band is a serious commitment; all rehearsals and performances are mandatory. Symphonic Band is a concert instrumental performing group. The student will develop technical playing skills, communication, teamwork, and skill in music theory and its application. The course provides experience in Woodwind, Brass, and Percussion. The Symphonic Band performs at state-sponsored concert festivals, spring concerts, graduation, and other school activities. This course may be repeated for credit with director's approval. **Attendance at all rehearsals and performances is required.**

<i>Course #</i>	<i>Course Name</i>	<i>Grades</i>	<i>Credits</i>	<i>Prerequisite</i>
6140	JAZZ BAND	9-12	1	One semester of #6120 or Director Approval

Jazz Band is available for students interested in the music, style, and history of the Jazz idiom. Students study and perform all styles of jazz in an ensemble setting, as well as jazz theory/harmony and jazz history. The class is performance-based, requiring several performances throughout the year. An audition may be required for enrollment. Jazz band is open to students studying saxophone, flute, clarinet, trumpet, trombone, bass, guitar, piano, drums, and voice. This course may be repeated for credit with director's approval. **Attendance at all rehearsals and performances is required.**

<i>Course #</i>	<i>Course Name</i>	<i>Grades</i>	<i>Credits</i>	<i>Prerequisite</i>
6210	THEATRE ARTS 1	9-12	1	None

Theatre Arts 1 is an acting class designed to guide students to finding characterizations, motivations, and help with improvisation through scenes, monologues, short plays, and self written plays. The first part of this class teaches the basics of acting through theatre games and activities. The culmination of this class is to present a short one-act play. In addition, students will review professional performances and learn how to critique performers and help their peers progress throughout the semester.

<i>Course #</i>	<i>Course Name</i>	<i>Grades</i>	<i>Credits</i>	<i>Prerequisite</i>
6220	THEATRE ARTS 2	10-12	1	#6210

Theatre 2 is a more focused approach to acting. Students will participate in scenes, independent features, and hopefully the main stage shows. Students will learn various skills such as stage combat, characterization, improvisation, acting exercises, and environment interaction. They will also discover numerous ways to form characters and improve scenes. Improvisation is also a strong component of this class – so be prepared to laugh! This course may be repeated for credit with instructor's approval.

FINE ARTS - Visual

Mingus's Art Department has a statewide reputation of being outstanding because it stresses the academics and the discipline necessary to build excellence in art. All students are encouraged to participate in art shows throughout the region and state.

<i>Course #</i>	<i>Course Name</i>	<i>Grades</i>	<i>Credits</i>	<i>Prerequisite</i>
6010	BEGINNING ART	9-12	1	None

This course is for beginning art students only. In Beginning Art, two-dimensional and drawing techniques are studied. The major emphasis is on drawing, but color techniques are included. The students are responsible for keeping a sketchbook and supplying their own materials.

<i>Course #</i>	<i>Course Name</i>	<i>Grades</i>	<i>Credits</i>	<i>Prerequisite</i>
6012	2D DESIGN / PHOTOGRAPHY	10-12	1	#6010

This course is for students who have had Beginning Art in high school. The 2D design class is an intermediate level class which offers art instruction through a combination of digital photography and print making techniques. This class introduces the exploration of color.

Through the use of these creative mediums, students gain an understanding of how to use the elements of art and the principles of design in a manner that allows them to express themselves artistically. Students are responsible for keeping a sketchbook and supplying their own materials. Having use of a cell phone for photography is also helpful. The prerequisite for this class is Beginning Art. This course is for the serious art students who did well in Beginning Art.

Course #	Course Name	Grades	Credits	Prerequisite
6020	INTERMEDIATE ART	10-12	1	#6010

This course is for students who have passed Beginning Art. Intermediate Art offers an instruction through a combination of pen and ink, charcoal/pastels, watercolor and acrylic paint. This class introduces exploration of color in Art. Through the use of these creative mediums, students gain an understanding of how to use the elements of art and principles of design in a manner that allows them to express themselves artistically. Students are responsible for keeping a sketchbook and supplying their own materials.

Course #	Course Name	Grades	Credits	Prerequisite
6030	ADVANCED STUDIO ART	11-12	1	#6012 or #6020

This course is for advanced students who have earned two previous credits of art in high school. This class primarily focuses on concept rather than technique. It is assumed that students entering this class will have the strong foundations in technique that it takes to produce conceptually original art works of the highest caliber. This course serves as a gateway to Advanced Placement Studio Art. Students are responsible for supplying a sketchbook along with any other supplementary materials beyond what the school can provide."

Course #	Course Name	Grades	Credits	Prerequisite
6035	AP STUDIO ART	12	1	#6030

The AP Studio Art program is intended for highly motivated students who are seriously interested in studio art and have completed Advanced Art or have instructor approval. In order to achieve AP Studio Art credit students must complete additional work outside of class in order to complete a portfolio. The completed portfolio will contain a minimum of 29 works of art. This work can stem from Beginning Art through AP Art. The student's final evaluation is based not upon a written exam, but rather on this portfolio. Each piece will be digitally photographed and then evaluated by the College Board. A score of 3 or better can lead to college credits and will be recognized nationally.

Course #	Course Name	Grades	Credits	Prerequisite
6040	AP ART HISTORY	11-12	1	None

AP Art History is a college level introduction to the history of art. This course involves critical thinking and cultural understanding of diverse historical contexts and content including: architecture, sculpture, painting and mixed media. Students examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. While visual analysis is a fundamental tool of the art historian, art history emphasizes understanding of how and why works of art functions in context, considering such issues as patronage, gender and function and effects of works of art. Many colleges offer advanced placement and/or credit to students who perform successfully on the AP Art History exam. **College level reading required.** Depending on course enrollment, this course may be offered in alternating years.

MATH

The Mathematics Department is concerned with the development of all students to their maximum potential in mathematics skills. The department believes that math competency is fundamental to a successful college experience, as well as an essential component of all career fields. Math courses emphasize utilization of latest technology, including calculators and computers.

Course #	Course Name	Grades	Credits	Prerequisite
3010	ALGEBRA 1	8-12	1	None

Algebra 1 provides the student with the basic structures of algebra necessary for higher mathematics, science and technological endeavors. It introduces properties of the real number system. An emphasis is placed on operations with polynomials, factoring techniques, solving linear and quadratic equations, solving systems of equations, graphing functions, solving and graphing inequalities, and working with rational and radical expressions.

If a student fails 2nd semester Algebra 1, the student must retake Algebra 1 in its entirety as a sophomore in the classroom.

Course #	Course Name	Grades	Credits	Prerequisite
3020	GEOMETRY	9-12	1	#3010

Geometry is designed to help students discover the purpose and usefulness of geometry in real-world applications. Using the properties and tools of geometry, students explore, investigate, and solve problems. Using both inductive and deductive reasoning, students learn to do geometric proofs. Algebra skills are built upon and practiced throughout the course.

Course #	Course Name	Grades	Credits	Prerequisite
3025	PRE-AP GEOMETRY	9-11	1	#3010 w/ final grade of A or teacher approval

Pre-AP Geometry explores the relationships, measurements, and properties of one, two, and three dimensional objects. Logical reasoning skills, along with the techniques and knowledge of algebra that are needed to solve higher-level mathematical and real world problems. This course will emphasize the further development of skills, techniques, and connections to the concepts of geometry and extend the understanding of algebra to include coordinate geometry. Topics for the course include but are not limited to: foundations of geometry, proof and logic, congruence and similarity in triangles, polygons, circles, and transformations. Pre-AP Geometry is designed to be more challenging while providing opportunities for students to take greater responsibility for their learning.

Course #	Course Name	Grades	Credits	Prerequisite
3030	ALGEBRA 2	10-12	1	#3010

This course includes simplifying polynomial, rational, and radical expression; solving quadratic, rational and radical equations; introducing functions and their representation; applying mathematics in real-world contexts and using appropriate technology.

Course #	Course Name	Grades	Credits	Prerequisite
3035	PRE-AP ALGEBRA 2	9-11	1	#3010 w/ final grade of A or teacher approval

Pre-AP Algebra 2 is a math course in the study of algebraic expressions, equations, inequalities, exponential and logarithmic functions, discrete math topics, systems of equations, polynomials, probability and statistics, relations and trigonometric functions. This course compliments and expands the mathematical content and concepts of Algebra 1. Pre-AP mathematics courses are intended to be more challenging than standard courses and provide multiple opportunities for students to take greater responsibility for their learning.

Course #	Course Name	Grades	Credits	Prerequisite
3040	DISCRETE MATHEMATICS / MODELING	12	1	#3010, #3020, and #3030

This course focuses on the 11-12 (College Work Readiness) AZ Math Standards. Discrete Mathematics and Modeling is designed to help students continue to make connections and build relationships among algebra, arithmetic, geometry, discrete mathematics, and probability statistics. Topics include constructing and using mathematical models, graph theory including Euler and Hamilton paths and circuits, matrix operations and their applications, techniques of counting with combinatorics and permutations and probability, and critical thinking skills, including the study of symbolic logic.

Course #	Course Name	Grades	Credits	Prerequisite
3050 MAT187	PRECALCULUS (Dual Enrollment) Precalculus	10-12	1 5	#3030 and *Satisfactory score on YC math skills assessment

Topics from college algebra and trigonometry essential to the study of calculus and analytic geometry. Includes linear, quadratic, polynomial, rational, exponential, circular, and trigonometric functions, trigonometry, systems of equations, and matrices. Note: Computer use and graphing calculator required (TI-83/84 recommended. Use depends on the teacher discretion). Duplicate credit for MAT 152 and/or MAT 183 and MAT 187 will not be awarded. Prerequisite: MAT 122, or two years of high school algebra and one year of geometry completed with grades of "B" or better each semester, reading proficiency. ***This class is dual enrollment with Yavapai Community College.***

Course #	Course Name	Grades	Credits	Prerequisite
3060	AP CALCULUS	11-12	1	#3050

AP Calculus is a full academic year of work that is the high school equivalent of first year calculus in colleges and universities. It is expected that students will take the AP exam in order to seek college credit.

Course #	Course Name	Grades	Credits	Prerequisite
3151	INTERMEDIATE ALGEBRA (MAT122)	10-12	.5	#3030 or #3035

Simplifying polynomial, rational and radical expressions; solving quadratic, rational and radical equations; introducing functions and their representations; applying mathematics in real-world contexts; and using appropriate technology. Note: Computer use and graphing calculator required (TI-83/84 recommended).

Course #	Course Name	Grades	Credits	Prerequisite
3152 MAT152	COLLEGE ALGEBRA (Dual Enrollment) College Algebra	10-12	.5 3	#3030 and *Satisfactory score on YC math skills assessment

Modeling of applications using linear, quadratic, exponential and logarithmic functions. Introduction to solving systems of equations using matrices. Note: Computer use and graphing calculator required (TI-83/84 recommended. Use depends on the teacher discretion). Duplicate credit for MAT 152 and/or MAT 183 and MAT 187 will not be awarded. Prerequisite: MAT 122, or two years of high school algebra and one year of geometry completed with grades of "B" or better each semester. Reading Proficiency. COURSE CONTENT: linear

Functions, quadratic and other nonlinear functions, exponential and logarithmic functions, polynomial functions, systems of equations and matrices & technology in mathematics ***This class is dual enrollment with Yavapai Community College.***

***To better assure student success at Yavapai College, all students who are enrolling for the first time in a English, Math, or General Education class or are under the age of 18 and have not yet received a high school diploma are required to take the (free) English and Math skills assessment test at Yavapai Community College. It is also recommended that students will have earned a B or better in Algebra 1, Geometry and Algebra 2.**

Course #	Course Name	Grades	Credits	Prerequisite
3028	INTEGRATED MATH APPLICATIONS	11	1	Math Teacher Approval

This course does not meet the requirements for university acceptance or NCAA. This course is designed to review and continue the studies of algebra 1, geometry and learn Algebra 2 concepts. To meet the graduation requirement of algebra 2 completion the student must take and complete Algebra 2(i) their senior year.

Course #	Course Name	Grades	Credits	Prerequisite
3029	ALGEBRA 2(i)	12	1	Math Teacher Approval

This course does not meet the requirements for university admittance or NCAA. This course continues with Algebra 2 concepts including simplifying polynomial, rational and radical expression; solving quadratic, rational and radical equations; introducing functions and their representation; applying mathematics in real-world contexts.

PHYSICAL EDUCATION

The two basic objectives of Physical Education at Mingus Union High School are the development of a sound, disciplined body and student exposure to life-long sports activities. A student who participates in an established MUHS athletic team for the entire season is eligible for .5 of physical education credit with a maximum of one credit per transcript. Other criteria for the awarding or denial of credit may be established by the coach of the team, with approval by both the Athletic Director and PE department.

Course #	Course Name	Grades	Credits	Prerequisite
7010	BOYS BEGINNING PE	9	1	None
7011	GIRLS BEGINNING PE	9	1	None

Freshman are required to take this class. This class provides boys/girls with an understanding and appreciation for physical activity and overall fitness. Activities include proper stretching techniques, cardiovascular fitness, and an introduction to basic skills in a variety of team and individual sports including tennis, basketball, soccer, volleyball, badminton, football, floor hockey, circuit training, and dance. Included are weekly lessons in character development and personal safety.

Course #	Course Name	Grades	Credits	Prerequisite
7030	ADVANCED PE	10-12	1	

Advanced PE implements modern aerobic and anaerobic training techniques, as well as participation in team sports. This class emphasizes advanced athletic techniques tailored to team and individual athletes. Students will be introduced to cardiovascular conditioning, strength training, and lifetime sports. This course may be repeated for credit with instructor approval.

Course #	Course Name	Grades	Credits	Prerequisite
7040	BODY CONDITIONING	10-12	1	#7010

This course is designed to improve total physical fitness. The weight room will be utilized to increase strength and flexibility and to tone and shape muscles. Aerobic conditioning, i.e., plyometrics and running, will be included to improve cardiovascular fitness. Proper nutrition and health are also emphasized. This course may be repeated for credit with instructor approval.

Course #	Course Name	Grades	Credits	Prerequisite
7050	SPORTS PERFORMANCE	10-12	1	Approval of a varsity coach

Sports Performance is designed for athletes who are playing sports at Mingus Union High School. This course provides a supervised and physiologically sound weight program which aids in the prevention of athletic injury, increases athletic performance, and promotes self-confidence and self-esteem. This course may be repeated for credit with instructor approval.

SCIENCE

The goal of the Science Department is to educate students in the physical and biological sciences. Content and process skills are emphasized through experiments supported by concepts developed in the textbooks. Knowledge of the subject area is gained through a variety of media: lectures, demonstrations, audio-visual presentations, experiments, assignments, and projects. Additional activities

available to the students are the Sci-Tech Festival and field trips. A major goal of the Science Department is to help students develop a greater appreciation for the beauty and complexity of their surroundings. The curricula of all courses have been aligned to focus on mastery of content associated with the performance objectives from the Arizona State Science Standards. **All classes in science meet the credit requirements for entrance to Arizona universities.**

Course #	Course Name	Grades	Credits	Prerequisite
5010	EARTH SCIENCE	9-12	1	NONE

Earth Science is designed to familiarize students within the physical world in which they live and some rock and mineral identification. The earth as a dynamic sphere is studied through the investigation of earthquakes, volcanoes, continental drifting, chemical/physical weathering and erosion. Students will also be exposed to methods of geological age dating, and accurate mapping as well as basic meteorology, astronomy, and environmental science. Specific emphasis is placed on understanding Arizona's dynamic weather. The main curricular focus will be on mastery of content associated with the performance objectives from the Arizona State Science Standards. **This course meets a college preparatory lab science requirement for entrance to an Arizona university.**

Course #	Course Name	Grades	Credits	Prerequisite
5020	BIOLOGY	9-12	1	Demonstrated Commitment to course work or pass #5010

This course is designed to help students become aware of the major concepts of Biology including ecology, the cell, genetics and evolution. A major emphasis is the teaching of the scientific method and inquiry. Laboratory experience leads to many open-minded investigations and class discussions. Upon completion of this course, students will have a greater awareness and understanding of populations, communities, and ecosystem relationships. The curricular focus will be on mastery of content associated with the objectives from the Arizona State Science Standards. **This course meets the college preparatory science requirement for entrance to an Arizona university.**

Course #	Course Name	Grades	Credits	Prerequisite
5025	LIVING SYSTEMS	10-12	1	Pass #5020

This course is designed to help students become aware of the major concepts of Biology by building on the framework and concepts introduced in Biology. Topics to be discussed are the major kingdoms of organisms and their unique characteristics as well as the human systems. A major emphasis is the teaching of the scientific method and inquiry. Laboratory experience leads to many open-minded investigations and class discussions. Upon completion of this course, students will understand our uniqueness as well as our similarities when compared to other organisms. **This course meets the college preparatory science requirement for entrance to an Arizona university.**

Course #	Course Name	Grades	Credits	Prerequisite
5030	ADVANCED BIOLOGY	9-12	1	Demonstrated Commitment to course work or Instructor/Counselor Approval

This course is designed for the accelerated student to become aware of major concepts in Biology. **This class will prepare you to take AP Biology.** A major emphasis is the teaching of the scientific method and inquiry. Laboratory experience leads to many open-minded investigations and class discussions. This course covers all content from both Biology and Living Systems and thus pacing is for the advanced students only. The main curricular focus of semester 1 will be on mastery of content associated with the performance objectives from the Arizona State Science Standards. **This course meets the college preparatory science requirement for entrance to an Arizona university.**

Course #	Course Name	Grades	Credits	Prerequisite
5031	AP BIOLOGY	10-12	1	Proposed for School Year 2017-18

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes energy and communication, genetics, information transfer, ecology, and interactions.

Course #	Course Name	Grades	Credits	Prerequisite
5040	ECOLOGY	10-12	1	Pass #5020 or #5030

This course is designed to familiarize students with the local flora and fauna, the relationship between the biotic and abiotic environment, and experimental procedures to determine the effects of potential interactions between various components of the human and natural environment. The main curricular focus will be on mastery of content associated with the performance objectives from the Arizona State Science Standards. This course concentrates on the aquatic environment and **meets a college preparatory lab science requirement for entrance to an Arizona university.**

Course #	Course Name	Grades	Credits	Prerequisite
5050	CHEMISTRY	11-12	1	Pass #5020 or #5030 and Algebra 2.

Chemistry is the study of the composition of substances and the changes they undergo. Through varied classroom and laboratory ex-

periences (such as learning how melting ice freezes ice cream, a copper penny turns to gold, and two liquids form slime) students learn about the complexity of our world. Chemistry contributes to other natural sciences, including biology, geology, and physics, overlapping with agriculture, medicine, and manufacturing. It provides the knowledge to make wise consumer decisions as well as resolving societal issues. The main curricular focus will be on mastery of content associated with the performance objectives from the Arizona State Science Standards. **This course meets a college preparatory lab science requirement for entrance to an Arizona university.**

Course #	Course Name	Grades	Credits	Prerequisite
5054	PRE-AP CHEMISTRY	11-12	1	Pass #5020 or #5030 and Algebra 2.

Pre-AP Chemistry is an advanced course recommended for students with a strong interest in science and excellent study skills. Many of the concepts are similar to those in the Chemistry course; presentation of material is accelerated and more detailed to prepare students for the rigor of college-level coursework. Additional topics, such as quantum theory, thermodynamics, kinetics, and equilibrium problem-solving, etc. are covered for enrichment and preparation for AP Chemistry.

Course #	Course Name	Grades	Credits	Prerequisite
5055	AP CHEMISTRY	11-12	1	Pass #5054 or Instructor Approval

The academic objectives of this course are designed to be the equivalent of a first-year college chemistry course. AP Chemistry requires continual study, good note-taking skills, extensive time and effort, and excellent math skills. Extensive laboratory work is a major component of the course. A primary goal of AP Chemistry is to prepare students to pass the AP Exam in May and obtain college credit. As many as nine credit hours in chemistry at each of the state universities may be earned through the AP exam. Similar benefits are to be found at nearly 2000 universities in the U.S. and around the world. **AP Chemistry is also accepted at the state universities as one of the three required lab sciences, even if the student has already taken the chemistry course.**

Course #	Course Name	Grades	Credits	Prerequisite
5060	PHYSICS 1: MECHANICS/MOTION	11-12	1	2 credits of college prep science + Enrollment or completion of Alg 2

In this course, students will deepen and refine their knowledge of matter and energy gained from other science classes. The laws of motion, including kinematics, which describe how things move and dynamics, which explains why things move, are described conceptually and developed through numerous laboratory investigations. Simple machines that transform energy are studied in detail. The principles of physical and mathematical modeling are used to develop patterns which underlie natural processes. Computers are utilized extensively as a laboratory tool in gathering and analyzing data. Applications of topics covered will be explored in technological fields. The main curricular focus will be on mastery of the associated performance objectives from the Arizona State Science Standards. **This course meets the college preparatory science requirement for entrance to an Arizona university.**

SOCIAL SCIENCE

The primary objective of the Social Science Department is to develop good citizenship. The desire is to promote an understanding of, and a respect for, America's unique political, social, and economic heritage. In addition to history, government, and economics, social studies classes emphasize the development of geographic concepts and an understanding of current events.

Course #	Course Name	Grades	Credits	Prerequisite
4010	WORLD HISTORY	9-10	1	None

This course enables students to compare and contrast past cultures and civilizations and to identify how these civilizations have contributed to modern life. It introduces students to the basic concepts in the development of human society with an emphasis on ideas that affect our lives today. First semester focuses on Prehistory to the Renaissance. Second semester focuses on the French Revolution to the Modern Era.

Course #	Course Name	Grades	Credits	Prerequisite
4015	AP WORLD HISTORY	9-12	1	None

AP World History provides a clear framework of six chronological periods viewed through the lens of related key concepts and course themes, accompanied by a set of skills that clearly define what it means to think historically. Emphasis in the course is placed developing four historical skills: crafting historical arguments from evidence, chronological reasoning, comparing and contextualizing, and historical interpretation and synthesis. The five course themes are 1: Interaction between Humans and the Environment, 2: Development and Interaction of Cultures, 3: State-Building, Expansion, and Conflict, 4: Creation, Expansion, and Interaction of Economic Systems, 5: Development and Transformation of Social Structures. Depending on course enrollment, this course may be offered in alternating years.

Course #	Course Name	Grades	Credits	Prerequisite
4020	US HISTORY	11	1	None

American History explores the history and the political and economic development of the United States. First semester focuses on Early Civilizations through Reconstruction. Second semester focuses on the Industrial age to Modern America. This course includes refer-

ence to the development of Arizona.

Course #	Course Name	Grades	Credits	Prerequisite
4025	AP US HISTORY	10-12	1	Demonstrated commitment to course work or Instructor/Counselor Approval

The objective of this course is to increase the students' understanding of United States from pre colonization through current affairs. This is a college-level course which subjects enrolled students to a general seminar approach to learning. Additional weekly reading and writing assignments require extra out of class involvement. All students are required to take the Nation College Board AP U.S. History Exam near the end of the course. The cost of the exam as well as the purchase of the AP study guide are also required to complete AP US History. Summer reading assignments will be assigned to ensure that students are prepared at the start of the semester.

Course #	Course Name	Grades	Credits	Prerequisite
<i>If you have not taken either of these classes in the past, you must sign up for BOTH classes</i>				
4030	GOVERNMENT	12	.5	#4020 or #4025
4035	ECONOMICS	12	.5	#4020 or #4025

Government: Students examine the philosophical foundations of the American political system. In addition this course offers the basic constitutional structure of the United States. Aspects of this course focus on the Bill of Rights and the role of individual responsibilities to society.

Economics: Acquaints students with the economic life of the United States. This course emphasizes the free-market system, with exposure to the global economy and current economic issues. Students examine the practical application of personal finance.

Course #	Course Name	Grades	Credits	Prerequisite
4050	HOLOCAUST STUDIES	11-12	.5	None

Learn conversational German and the basics of speaking and reading German phrases. Investigate 20th Century German society and how citizens grappled with Nazism. Study Eugenics as a global phenomenon, comparing and contrasting British, European, and American attitudes toward the alleged hierarchy of humanity. Study the four stages of The Holocaust via primary documents, novels, and films. Investigate the psychological effects of the first and second generation survivors and the healing process. Depending on course enrollment, this course may be offered in alternating years.

Course #	Course Name	Grades	Credits	Prerequisite
4060	RECENT WORLD HISTORY	11-12	.5	None

Explore the cause and effects of 20th Century Cold War including the Vietnam Conflict. Analyze African and South American revolutionaries, military governments, and the practice of genocide. Discover the characteristics and ramifications of global terrorism. Investigate the involvement of the United States in Desert Storm, Afghanistan, and the Iraq War. Study the challenges of refugee camps and the global agencies combating the problems. Imagine solutions.

Course #	Course Name	Grades	Credits	Prerequisite
4070	AP PSYCHOLOGY	11-12	1	Demonstrated commitment to course work or Instructor/Counselor Approval

Students in the AP Psychology develop understanding of the theoretical underpinnings of psychology, psychological theories, research strategies, brain and nervous system function, the role of personality in behavior, psychological disorders and the range of available treatments. In addition, students understand current laws and ethics regarding research and the field of mental health. This is a college-level course which subjects enrolled students to extensive research and reading outside of the classroom. Depending on course enrollment, this course may be offered in alternating years.

WORLD LANGUAGE

Learning a Foreign Language at Mingus Union High School is a challenging and rewarding experience. Literacy in a foreign language is a valuable tool for many careers and is also required for admittance to many colleges and universities. The universities recommend that a foreign language be taken in the senior year. In our foreign language classes, the basic skills of speaking, listening, reading, and writing are emphasized.

Course #	Course Name	Grades	Credits	Prerequisite
7510	SPANISH 1	10-12	1	None

Spanish 1 will provide the student with a general introduction to the Spanish language: sound system, pronunciation, functional vocabulary related to everyday life, cultural information and basic grammatical structures. Emphasis will be on the acquisition of four skills: listening, speaking, reading and writing. There are two main objectives to the course. Foremost is to give the students the ability to carry on a simple conversation. The second is to provide the students with instruction that teaches a basic understanding of Spanish culture, vocabulary, and grammatical concepts.

Course #	Course Name	Grades	Credits	Prerequisite
7520	SPANISH 2	10-12	1	#7510 or instructor approval upon completion of placement test

Spanish 2 builds upon knowledge gained in Spanish 1. This course will also reinforce the skills learned in Spanish I: listening, speaking, reading and writing. Emphasis is on perfecting pronunciation, mastery of the basic grammatical structures, and increased communicative proficiency. Acquisition of functional vocabulary is expected. Students will be exposed to the past tenses, future, conditional and subjunctive mood. Students will be expected to apply them in their writing and speaking.

Course #	Course Name	Grades	Credits	Prerequisite
7530	SPANISH 3	11-12	1	Successful completion of #7510 & #7520 or instructor approval upon completion of placement test

This course builds upon knowledge gained in Spanish 1 & 2. The course is a continuation and recycling of knowledge acquired in Spanish 1 and Spanish 2, as well as an introduction to new vocabulary, structures and expressions. Students will be expected to expand their vocabulary range to include more sophisticated terms, use advanced language expressions, verb tenses and grammatical concepts such as the pluperfect and the subjunctive mood. Students will view Spanish language films and read selected Spanish literature.

Course #	Course Name	Grades	Credits	Prerequisite
7610	MANDARIN CHINESE 1	9-12	1	None

This is the first of two courses designed to introduce students to modern Mandarin Chinese. The course begins with an introduction to the sound system of Mandarin Chinese and moves on to basic skills in listening, speaking, reading and writing. Classes have an additional aim of introducing students to aspects of Chinese culture.

Course #	Course Name	Grades	Credits	Prerequisite
7611	MANDARIN CHINESE 2	10-12	1	#7610

The course aims at further developing fundamental language skills. All four skills (speaking, reading, listening and writing) will be emphasized and learned in communicative context. Students are expected to actively participate in class by engaging in interactive activities and reading and writing practices. Many aspects of everyday Chinese culture will be introduced through these activities.

OTHER ELECTIVES

Course #	Course Name	Grades	Credits	Prerequisite
9610	YEARBOOK	10-12	1	Application + Instructor Approval

Yearbook is a demanding, full year, elective course that may be repeated for credit. Over the course of the year, the yearbook staff is responsible for the production of the entire MUHS yearbook. Students handle all phases of the yearbook publication except printing. Much of the work can be completed during school in the computer lab, but some must be done after school or at home. Students must commit to photo assignments of school activities such as sports, plays, and other extracurricular events. Students must be committed to meeting deadlines, learning computer publication layout, and writing a large number of headlines, body copy and captions. Strong writing skills are required for success in this course. Students who do not work to successfully meet deadlines will be asked to leave after the fall semester. You must submit a Yearbook Application Form to the yearbook instructor. The form can be found at www.mingusunion.com

Course #	Course Name	Grades	Credits	Prerequisite
0130	STUDENTS REACHING OUT (SRO)	11-12	1	Approval of a Resource Instructor

SROs are assigned to a Special Education Teacher. Under the direction of the teacher, the SRO will work with students in small groups and/or individually to assist with learning academic and functional skills.

Course #	Course Name	Grades	Credits	Prerequisite
0115	PEER TUTOR	11-12	1	Counselor approval

Under the supervision of a teacher, a student will be responsible for one-on-one tutoring in the classroom.

Course #	Course Name	Grades	Credits	Prerequisite
0080	CEC	11-12		Counselor approval

CEC allows students to earn credits through the A+ computer program.

Course #	Course Name	Grades	Credits	Prerequisite
0320	WORK EXPERIENCE	11-12	1	Local employment

This course focuses on the development of workplace skills. As a pre-requisite to enrolling in the Work Experience class, students must seek out and find their own job. These jobs must be paid positions for established local employers. Students must work 5 hours per week. A signed training agreement and student worker agreement must be on file. In addition to working a minimum of 180 hours, students must complete several assignments and turn in all time sheets.

AIDES

Course #	Course Name	Grades	Credits	Prerequisite
0100	TEACHER AIDE	12	1	Teacher Approval
0145	FRONT OFFICE AIDE	12	1	Supervisor approval
0140	BOOKSTORE AIDE	12	1	Supervisor approval
0105	SCHOOL COUNSELING AIDE	12	1	Counselor approval
0150	LIBRARY AIDE	12	1	Supervisor approval

Students serving as aides are accountable to the assigned teacher during a specific period of each day. Clerical skills are desirable. A maximum of 2.0 credits can be earned for graduation in the following aide positions. (See note)

Senior Option

Seniors can request to be off campus a maximum of 2 periods per day. Only seniors can be scheduled off campus.

Course #	Course Name	Grades	Credits	Prerequisite
0051	1st hour OFF CAMPUS	12 only	None	Parent approval
0052	2nd hour OFF CAMPUS	12 only	None	Parent approval
0055	5th hour OFF CAMPUS	12 only	None	Parent approval
0056	6th hour OFF CAMPUS	12 only	None	Parent approval



SPECIAL EDUCATION DEPARTMENT

Mingus' special education department offers many classes based on the needs of students with disabilities. Small Group Instruction (SGI) classes are offered in core academic subjects as well as vocational skills and work experience. Students receive support services in general education classrooms as well as other classroom environments.

Course #	Course Name	Grades	Credits	Prerequisite
8217	SGI MATH 9	9	1	Be Eligible for Special Education

SGI Math A is designed for freshman who need continued practice in the basic fundamentals of math. Small group instruction includes high school math standards and consumer math concepts. Students are instructed according to their existing math ability levels. These classes satisfy math graduation requirements.

Course #	Course Name	Grades	Credits	Prerequisite
8207	SGI MATH 10	10-12	1	Be Eligible for Special Education

SGI Math courses are designed for those students who need continued practice in the basic fundamentals of math. Small group instruction includes high school math standards and consumer math concepts. Students are instructed according to their existing math ability levels. These classes satisfy math graduation requirements.

Course #	Course Name	Grades	Credits	Prerequisite
8227	SGI MATH 11 & 12	10-12	1	Be Eligible for Special Education

SGI Math courses are designed for those students who need continued practice in the basic fundamentals of math. Small group instruction includes high school math standards and consumer math concepts. Students are instructed according to their existing math ability levels. These classes satisfy math graduation requirements.

Course #	Course Name	Grades	Credits	Prerequisite
8315	SGI SUPPORT LAB	9-12		Be Eligible for Special Education

SGI Support Lab is designed to address the needs of identified Special Education students. This program assists students through individualized software courses. Students also receive adult support and have active teacher involvement by monitoring coursework.

Course #	Course Name	Grades	Credits	Prerequisite
8218	SGI INDIVIDUAL SUPPORT	9-12		Be Eligible for Special Education

SGI Individual Support is designed to address the needs of identified students with disabilities.

Course #	Course Name	Grades	Credits	Prerequisite
8213	SGI WORLD HISTORY	9-12	1	Be Eligible for Special Education

This course explores the history of the world starting with the Sumerian civilization in A.D. 4000 and ending in present day. Students are given practice in working with timelines, graphs, charts, and maps. This class satisfies social studies graduation requirements.

Course #	Course Name	Grades	Credits	Prerequisite
8209	SGI U.S. HISTORY	9-12	1	Be Eligible for Special Education

This course explores the history of the United States starting with the Native Americans and ending with developments in modern technology. The course covers political, geographical, and economic information that has affected the growth of the United States and its relations with other countries. This class satisfies social studies graduation requirements.

Course #	Course Name	Grades	Credits	Prerequisite
8203	SGI ENGLISH 9	9	1	Be Eligible for Special Education

This course offers each student an individualized program of study in reading and written language. Group instructional components are also used with active learning in the areas of literature, grammar, and study skills.

Course #	Course Name	Grades	Credits	Prerequisite
8216	SGI ENGLISH 10	10	1	Be Eligible for Special Education

This course offers each student an individualized program of study in reading and written language. Group instructional components are also used with active learning in the areas of literature, grammar, and study skills.

Course #	Course Name	Grades	Credits	Prerequisite
8205	SGI ENGLISH 11	11-12	1	Be Eligible for Special Education

This course offers group and individual study of advanced literature, career writing activities utilizing internet research,

Course #	Course Name	Grades	Credits	Prerequisite
8211	SGI ENGLISH 12	12	1	Be Eligible for Special Education

This course offers group and individual study of advanced literature, career writing activities utilizing internet research,

Course #	Course Name	Grades	Credits	Prerequisite
8020	TRANSITION	12	1	Be Eligible for Special Education

Transition class is designed to help each student make a successful changeover from high school to post-secondary education or employment. Students are taught to express learning differences, learn to self-advocate their needs, as well as gain academic and personal skills that help them articulate their personal strengths and weaknesses. They learn to identify and articulate strategies and accommodations that help them find success in both academic and work settings. Learning activities are planned to encourage development of various life skills. Students explore career options. Setting specific goals for post-graduation is encouraged, and support is provided to help the students work towards the completion of these goals. Students practice self-determination as they prepare to embrace their more independent futures.

EMOTIONAL DISABILITY - PRIVATE SCHOOL

The EDP (Self-Contained Emotional/Emotional Disability-Private School) Program is a highly structured program that addresses the emotional needs of students in a supportive environment. The students must be diagnosed with an emotional disability to qualify for this program. Students work on improving social skills, developing interpersonal relationships, making positive choices, and developing positive self-images. Students participate in small-group counseling sessions. Striving for academic excellence is a major component of the EDP Program. Placement determined by IEP team.

ELL (ENGLISH LANGUAGE LEARNERS)

At Mingus Union High School, the special educational needs of ELL students are addressed via Individual Language Learner Plans. These plans normally involve well-supported mainstream education combined with two hours of focused English language instruction using the Arizona state language arts standards and English Language Proficiency Standards. Qualification and for ELL services are currently determined by AZELLA scores.



Have you reviewed the attendance policy in the Student Handbook yet?

CHECK OUT OUR STUDENT INFORMATION SYSTEM



To access , go to our local website: www.mingusunion.com

For Gus Marauder.....

Login: 987654

Password: 1234

Select "Current Progress" to view your student's classes.
Click on "Report" link to view current grade and assignments.

To e-mail your child's teacher, just click on their name (in blue).
Feel free to click on the other links shown for more information on your student.



PLEASE STAY IN TOUCH WITH US . . .

by advising us of any address or phone number changes. Notify Dale Williams in the School Counseling Office at 928-649-4401 to avoid delays in receiving progress reports, report cards, test results, absence reporting, and important announcements. E-mail addresses are also helpful. An address change requires resubmitting proof of residency.

It is also important that we are advised of any special custody/guardianship situations. A copy of supporting legal documentation is required for the student's file.



GET CONNECTED AND STAY CONNECTED WITH YOUR COUNSELORS

Get all the latest Counseling & Guidance info:  www.facebook.com/MUHSCounseling

 [Twitter.com/muhscounseling](https://twitter.com/muhscounseling)

NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



Eligibility Center

NCAA Division I Initial-Eligibility Requirements

Core Courses: (16)

- **Initial full-time collegiate enrollment before August 1, 2016:**
 - **Sixteen (16) core courses** are required (see chart below for subject-area requirements).
- **Initial full-time collegiate enrollment on or after August 1, 2016:**
 - **Sixteen (16) core courses** are required (see chart below for subject-area requirements).
 - Ten (10) core courses completed before the seventh semester; seven (7) of the 10 must be in English, math or natural/physical science.
 - These courses/grades are "locked in" at start of the seventh semester (cannot be repeated for grade-point average [GPA] improvement to meet initial-eligibility requirements for competition).
 - *Students who do not meet core-course progression requirements may still be eligible to receive athletics aid and practice in the initial year of enrollment by meeting academic redshirt requirements (see below).*

Test Scores: (ACT/SAT)

- Students must present a corresponding test score and core-course GPA on the sliding scale (see Page No. 2).
 - **SAT:** critical reading and math sections.
 - Best subscore from each section is used to determine the SAT combined score for initial eligibility.
 - **ACT:** English, math, reading and science sections.
 - Best subscore from each section is used to determine the ACT sum score for initial eligibility.
- All ACT and SAT attempts before initial full-time collegiate enrollment may be used for initial eligibility.
- **Enter 9999 during ACT or SAT registration to ensure the testing agency reports your score directly to the NCAA Eligibility Center. Test scores on transcripts will not be used.**

Core Grade-Point Average:

- Only core courses that appear on the high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org) will be used to calculate your core-course GPA. Use this list as a guide.
- **Initial full-time collegiate enrollment before August 1, 2016:**
 - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale A (see Page No. 2).
 - Core-course GPA is calculated using the **best 16 core courses** that meet subject-area requirements.
- **Initial full-time collegiate enrollment on or after August 1, 2016:**
 - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see Page No. 2).
 - Core-course GPA is calculated using the **best 16 core courses** that meet both progression (10 before seventh semester; seven in English, math or science; "locked in") and subject-area requirements.

DIVISION I

Core-Course Requirement (16)

- 4 years of English
- 3 years of math (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab if offered)
- 1 year of additional English, math or natural/physical science
- 2 years of social science
- 4 years of additional courses (any area above, foreign language or comparative religion/philosophy)

DIVISION I – 2016

Qualifier Requirements

**Athletics aid, practice, and competition*

- 16 core courses
 - Ten (10) core courses completed before the start of seventh semester. Seven (7) of the 10 must be in English, math or natural/physical science.
 - "Locked in" for core-course GPA calculation.
- Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B (see Page No. 2).
- Graduate from high school.

DIVISION I – 2016

Academic Redshirt Requirements

**Athletics aid and practice (no competition)*

- 16 core courses
 - No grades/credits "locked in" (repeated courses after the seventh semester begins may be used for initial eligibility).
- Corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale B (see Page No. 2).
- Graduate from high school.

Sliding Scale A		
<i>Use for Division I prior to August 1, 2016</i>		
NCAA DIVISION I SLIDING SCALE		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.550 & above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	59
2.700	730	60
2.675	740-750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840-850	70
2.425	860	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	80
2.125	960	81
2.100	970	82
2.075	980	83
2.050	990	84
2.025	1000	85
2.000	1010	86

Sliding Scale B		
<i>Use for Division I beginning August 1, 2016</i>		
NCAA DIVISION I SLIDING SCALE		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.550	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	60
2.700	740	61
2.675	750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840	70
2.425	850	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.299	910	76
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	81
2.125	970	82
2.100	980	83
2.075	990	84
2.050	1000	85
2.025	1010	86
2.000	1020	86

For more information, visit www.eligibilitycenter.org or www.2point3.org.

NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



Eligibility Center

Division II Initial-Eligibility Requirements

Core Courses

- **Division II currently requires 16 core courses.** See the chart below.
- **Beginning August 1, 2018**, to become a full or partial qualifier for Division II, all college-bound student-athletes must complete the 16 core-course requirement.

Test Scores

- **Division II** currently requires a minimum SAT score of 820 or an ACT sum score of 68. **Beginning August 1, 2018**, Division II will use a sliding scale to match test scores and core-course grade-point averages (GPA). The sliding scale for those requirements is shown on Page No. 2 of this sheet.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the following four sections: English, mathematics, reading and science.
- **When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. Test scores that appear on transcripts will not be used.**

Grade-Point Average

- Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's approved List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- The current **Division II** core GPA requirement is a minimum of 2.000. **Division II** core GPA required to be eligible for competition on or after August 1, 2018, is 2.200 (corresponding test-score requirements are listed on the Sliding Scale on Page No. 2 of this sheet).
- The minimum **Division II** core GPA required to receive athletics aid and practice as a partial qualifier on or after August 1, 2018, is 2.000 (corresponding test-score requirements are listed on the Sliding Scale on Page No. 2 of this sheet).
- Remember, the NCAA core GPA is calculated using NCAA core courses only.

DIVISION II 16 Core Courses

- 3 years of English.
- 2 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 3 years of additional English, mathematics or natural/physical science.
- 2 years of social science.
- 4 years of additional courses (from any area above, foreign language or comparative religion/philosophy).

DIVISION II COMPETITION SLIDING SCALE		
<i>Use for Division II beginning August 1, 2018</i>		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.300 & above	400	37
3.275	410	38
3.250	420	39
3.225	430	40
3.200	440	41
3.175	450	41
3.150	460	42
3.125	470	42
3.100	480	43
3.075	490	44
3.050	500	44
3.025	510	45
3.000	520	46
2.975	530	46
2.950	540	47
2.925	550	47
2.900	560	48
2.875	570	49
2.850	580	49
2.825	590	50
2.800	600	50
2.775	610	51
2.750	620	52
2.725	630	52
2.700	640	53
2.675	650	53
2.650	660	54
2.625	670	55
2.600	680	56
2.575	690	56
2.550	700	57
2.525	710	58
2.500	720	59
2.475	730	60
2.450	740	61
2.425	750	61
2.400	760	62
2.375	770	63
2.350	780	64
2.325	790	65
2.300	800	66
2.275	810	67
2.250	820	68
2.225	830	69
2.200	840 & above	70 & above

DIVISION II PARTIAL QUALIFIER SLIDING SCALE		
<i>Use for Division II beginning August 1, 2018</i>		
Core GPA	SAT Verbal and Math ONLY	ACT Sum
3.050 & above	400	37
3.025	410	38
3.000	420	39
2.975	430	40
2.950	440	41
2.925	450	41
2.900	460	42
2.875	470	42
2.850	480	43
2.825	490	44
2.800	500	44
2.775	510	45
2.750	520	46
2.725	530	46
2.700	540	47
2.675	550	47
2.650	560	48
2.625	570	49
2.600	580	49
2.575	590	50
2.550	600	50
2.525	610	51
2.500	620	52
2.475	630	52
2.450	640	53
2.425	650	53
2.400	660	54
2.375	670	55
2.350	680	56
2.325	690	56
2.300	700	57
2.275	710	58
2.250	720	59
2.225	730	60
2.200	740	61
2.175	750	61
2.150	760	62
2.125	770	63
2.100	780	64
2.075	790	65
2.050	800	66
2.025	810	67
2.000	820 & above	68 & above

For more information, visit the NCAA Eligibility Center website at www.eligibilitycenter.org.

9th Grade Courses

Courses	Credit/grade

Sophomores:

- Sign up for the October PSAT test
- Maintain good grades
- Investigate careers
- Join clubs and sports

10th Grade Courses

Courses	Credit/grade

Freshmen:

- Attend *Be Me Night* in August
- Study hard and do all your homework
- Maintain good grades
- Join clubs and sports
- Investigate careers

Look into enrolling in summer school May 24 to June 21, 7:00am to 1:00pm.

11th Grade Courses

Courses	Credit/grade

Plan your High School Career

For assistance, see graduation and university requirements on page 8.

Seniors:

- Begin college application process
- Attend *College Goal Day* in February
- See senior time line

12th Grade Courses

Courses	Credit/grade

Juniors:

- Maintain good grades
- Sign up for October PSAT test
- Sign up for and take the ACT or SAT in spring
- Begin researching and visiting colleges
- Begin visiting scholarship page on MUHS website
- Attend *College & Career Fair* in October

The Mingus online academy is available

Please see your counselor for details