Zachary High School

Home of the Broncos

2026-2027

Course Catalog

Zachary High School

2026 Notables

Academics

- 2024 – 25 School Performance Score:
  - Overall SPS – 99.3 – Letter Grade "A"
  - 73.8 - Assessment Index
  - 70.2 - ACT Index
  - 126.5 – Cohort Graduation Rate Index
  - 115.7 - Strength of Diploma Index
- 95.3% Graduation Rate
- 2024 ACT Composite: 20.5
  - State Avg: 18.1
  - National Avg: 19.8
- FREE ACT boot camp prior to each ACT date
- 14 Dual Enrollment courses offered on campus
- 17 Advanced Placement courses offered
- 492 Student AP Exams scored 3+ and higher
- 76% of AP students scored 3+ and higher
- 1 National Merit Semi-finalist winner
- 1 National Letter of Commendation winner
- 2 STEM pathways
  - LSU Digital Design & Emergent Media
  - LSU Pre-Engineering
- 9 Jump Start 2.0 pathways
  - Agriculture, Food, & Natural Resources
  - Manufacturing
  - Human Services
  - Business Management & Administration
  - Health Sciences
  - Law, Public Safety, Corrections & Security
  - Hospitality & Tourism
  - Arts, A/V Technology, & Communication
  - Information Technology
- 36 certifications offered
  - 78% of 2025 Seniors earned at least 1 certification
  - Total of 673 certificates earned in 2024-25
- 2025-26 ZHS Teacher of the Year: Cierra Fountain
- 2025-26 ZHS New Teacher of the Year: Sierra Price
- 2025-26 ZHS Support Worker of the Year: Kristen Olinde

Athletics & Clubs

- Football
- Volleyball
- Cross Country
- Swimming
- Wrestling
- Soccer
- Basketball
- Powerlifting
- Bowling
- Softball
- Baseball
- Golf
- Tennis
- Indoor & Outdoor Track & Field
- Bronco Belles Dance Team
- Cheerleading
- Color Guard
- Band
- Book Club
- Chess Club
- Choir
- Debate
- Dungeons & Dragons
- Educators Rising
- FBLA (Future Business Leaders of America)
- FCA (Fellowship of Christian Athletes)
- FFA (Future Farmers of America)
- French Club
- HOSA (Health Occupations Students of America)
- JROTC
- Key Club
- Mock Trial
- National Beta Club
- National Honor Society
- Prom Committee
- Quiz Bowl
- Robotics Club
- Spanish Club
- Student Council
- Thespian Society
- Upper Class Mentors

Zachary High School

4100 Bronco Lane
Zachary, LA 70791
(225) 654-2776
www.zacharyhigh.org

2026-2027 Course Catalog

Zachary High School Vision

To be nationally recognized as a school of excellence.

Zachary High School Mission

To assist every student in reaching his or her maximum potential through high-quality instruction and character-building experiences.

Lindsey Spence	**Principal**
Delwyn Daigre	Assistant Principal
Erica Henry	Assistant Principal
Jesseca Johnson	Assistant Principal
Brooke Jones	Assistant Principal
Brittini Matthews	Administrator
Chris Carrier	Dean of Students
Jonathan McClinton	Dean of Students

School Counselors:

Mico Cooper	Cohort of 2030
Shae Lipscomb	Cohort of 2029
MaRanda Gilmore	Cohort of 2028
Chandra Brown	Cohort of 2027
Latoya Moore	Site Test Coordinator, 504s, etc.
Kristen Olinde	Counseling Office Secretary

Table of Contents

Zachary Community School System is an equal opportunity employer and does not discriminate on the basis of race, color, national origin, gender, age, or qualified disability.

ZACHARY COMMUNITY SCHOOL DISTRICT | 2026-2027 CALENDAR

JULY '26

S	M	T	W	Th	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

3 Independence Day Holiday
6 11 mo. return
20 10 mo. return
27 9.5 mo. return

JANUARY '27

S	M	T	W	Th	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

1 Winter Break
4 Employee Planning
5 Students return, 2nd semester begins
18 Dr. M.L. King, Jr. Day

AUGUST '26

S	M	T	W	Th	F	S
						1
2				6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

3-5 Employee Planning/PD (No students)
6 First day of school for students

FEBRUARY '27

S	M	T	W	Th	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

8-10 Mardi Gras Holiday
18 End of 4th 6 weeks

SEPTEMBER '26

S	M	T	W	Th	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

7 Labor Day Holiday
16 End of 1st 6 weeks
21 Employee Planning/PD Student Remote

MARCH '27

S	M	T	W	Th	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

1 Employee Planning/ Student Remote
11 End of 3rd 9 weeks
26-31 Spring Break

OCTOBER '26

S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

7 End of 1st 9 weeks
12-13 Fall Break
14 Parent/Teacher Conference Day (No students)
30 End of 2nd 6 weeks

APRIL '27

S	M	T	W	Th	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

1-2 Spring Break Cont.
8 End of 5th 6 weeks
19 Employee Planning/ Student Remote

NOVEMBER '26

S	M	T	W	Th	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

3 Election Day (No School)
23-27 Thanksgiving Break

MAY '27

S	M	T	W	Th	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

18-20 Early Dismissal
20 Last day for students End of 2nd Semester, 4th 9 weeks & 6th 6 weeks
21 Employee Planning (No students, No Paras/ No café)
28 9.5 mo. last day
31 Memorial Day

DECEMBER '26

S	M	T	W	Th	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

16-18 Early Dismissal
18 End of 1st semester End of 2nd 9 weeks End of 3rd 6 weeks
21-31 Christmas/Winter Break

JUNE '27

S	M	T	W	Th	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

7 10 mo. last day
18 Juneteenth Holiday
21 11 mo. last day

KEY

Employees Only

Students begin new semester

Holiday

Early Dismissal

Student Remote Learning Day

Note: In case of emergency, student make-up days may be taken from existing holidays/planning days in the above calendar or the school year may be extended.

TBA: Early dismissal for Zachary High School Homecoming

LOSFA

LOUISIANA OFFICE OF STUDENT FINANCIAL ASSISTANCE

A PROGRAM OF THE BOARD OF REGENTS

ALL THINGS TOPS

Your Guide to the Taylor Opportunity Program for Students

2025-2026

WHAT IS TOPS?

The Taylor Opportunity Program for Students (TOPS) is a program of state merit-based scholarships for Louisiana residents who attend one of the Louisiana public colleges and universities, schools that are a part of the Louisiana Community and Technical College System, Louisiana approved proprietary and cosmetology Schools or institutions that are a part of the Louisiana Association of Independent Colleges and Universities (LAICU). TOPS has five award levels: Opportunity, Performance, Honors, Excellence (OPHE) and TOPS Tech.

INITIAL ELIGIBILITY REQUIREMENTS

To qualify for TOPS, a student must:

- Be a U.S. citizen or permanent resident.
- Meet TOPS Louisiana residency requirements.
- Complete all required units of the TOPS OPHE or TOPS Tech core curricula.
- Meet minimum TOPS Core GPA requirements (listed with each award level) upon graduation from a BESE-approved high school.
- Meet minimum ACT composite score requirements (listed with each award level).

⚠ **DISCLAIMER:** The most accurate and up-to-date information on the Taylor Opportunity Program for Students can be found on LOSFA's TOPS webpage at www.mylosfa.la.gov/TOPS

TOPS WEBPAGE

© **REVISION DATE:** 9/24/2025

AWARD LEVELS

TOPS OPPORTUNITY - 4 YEAR AWARD

- Completion of TOPS OPHE Core Curriculum
- TOPS Core Minimum GPA: **2.50**
- **One** of the following minimum test scores:
  - ACT composite score equal to the previous year's state average (**but never below 20**)
  - SAT: **1030**
  - CLT: **66**

TOPS PERFORMANCE - 4 YEAR AWARD

- Completion of TOPS OPHE Core Curriculum
- TOPS Core Minimum GPA: **3.25**
- **One** of the following minimum test scores:
  - Composite ACT: **23**
  - SAT: **1130**
  - CLT: **80**

TOPS HONORS - 4 YEAR AWARD

- Completion of TOPS OPHE Core Curriculum
- TOPS Core Minimum GPA: **3.50**
- **One** of the following minimum test scores:
  - Composite ACT: **27**
  - SAT: **1260**
  - CLT: **91**

TOPS EXCELLENCE - 4 YEAR AWARD

- Completion of TOPS OPHE Core Curriculum
- TOPS Core Minimum GPA: **3.50**
- **One** of the following minimum test scores:
  - Composite ACT: **31**
  - SAT: **1390**
  - CLT: **101**

TOPS TECH - 2 YEAR AWARD

- Completion of TOPS Tech JumpStart Core Curriculum or TOPS OPHE Core Curriculum
- TOPS Core Minimum GPA: 2.50
- **One** of the following minimum test scores:
  - Composite ACT: **17**
  - WorkKeys: **Silver Level**
  - SAT: **920**
  - CLT: **54**

AWARD REDUCTION

Your award may be reduced by one or two semesters because: 1. Your application was submitted after the deadline; 2. You qualified for TOPS based on an ACT score achieved in May, June, and/or July of the year you graduated from high school; or 3. You enrolled in an out-of-state college. See pages 5 and 6 for additional information.

AWARD AMOUNTS

TOPS OPPORTUNITY AWARD

AWARD AMOUNT: TOPS Award Amount
The TOPS Opportunity Award pays the TOPS Award Amount, which is based on the cost of tuition set by the administering agency for a student at that particular institution for the 2016-2017 academic year unless increased by an Act of the Legislature.

LAICU AWARD AMOUNT: Weighted Average of the TOPS Award Amount
If a student attends a college within the Louisiana Association of Independent Colleges and Universities (LAICU), the award amount will be the weighted average award amount, which is calculated by dividing the amount paid to all students who were enrolled at a public four-year institution during the 2016-2017 academic year by the number of students paid.

LA NATIONAL GUARD AWARD AMOUNT: Tuition Exemption + $600 Annual Book/Materials Stipend
Students who are serving in the Louisiana National Guard will receive the tuition exemption as mandated by Louisiana state law. Students who are serving in the Louisiana National Guard and eligible for the Opportunity Award will receive a sum of $300 per semester ($600 per academic year) to be applied toward the cost of books and other instructional material.

TOPS PERFORMANCE AWARD

AWARD AMOUNT: TOPS Award Amount + $400 Stipend
The TOPS Performance Award pays the TOPS Award Amount, which is based on the cost of tuition set by the administering agency for a student at that particular institution for the 2016-2017 academic year unless increased by an Act of the Legislature plus an annual stipend of $400.

LAICU AWARD AMOUNT: Weighted Average of the TOPS Award Amount + $400 Stipend
If a student attends a college within the Louisiana Association of Independent Colleges and Universities (LAICU), the award amount will be the weighted average award amount, which is calculated by dividing the amount paid to all students who were enrolled at a public four-year institution during the 2016-2017 academic year by the number of students paid, plus an annual stipend of $400.

LA NATIONAL GUARD AWARD AMOUNT: Tuition Exemption + $600 Annual Book/Materials Stipend + $800 Annual Educational Stipend
Students who are serving in the Louisiana National Guard will receive the tuition exemption as mandated by Louisiana state law. Students who are serving in the Louisiana National Guard and eligible for the Performance Award will receive a sum of $300 per semester ($600 per academic year) to be applied toward the cost of books and other instructional material. In addition, Louisiana National Guard Performance Award recipients receive $400 per semester ($800 per academic year) for other educational expenses.

TOPS HONORS AWARD

AWARD AMOUNT: TOPS Award Amount + $800 Stipend
The TOPS Honors Award pays the TOPS Award Amount, which is based on the cost of tuition set by the administering agency for a student at that particular institution for the 2016-2017 academic year unless increased by an Act of the Legislature plus an annual stipend of $800.

LAICU AWARD AMOUNT: Weighted Average of the TOPS Award Amount
If a student attends a college within the Louisiana Association of Independent Colleges and Universities (LAICU), the award amount will be the weighted average award amount, which is calculated by dividing the amount paid to all students who were enrolled at a public four-year institution during the 2016-2017 academic year by the number of students paid, plus an annual stipend of $800.

LA NATIONAL GUARD AWARD AMOUNT: Tuition Exemption + $600 Annual Book/Materials Stipend + $1600 Annual Educational Stipend
Students who are serving in the Louisiana National Guard will receive the tuition exemption as mandated by Louisiana state law. Students who are serving in the Louisiana National Guard and eligible for the Honors Award will receive a sum of $300 per semester ($600 per academic year) to be applied toward the cost of books and other instructional material. In addition, Louisiana National Guard Honors Award recipients receive $800 per semester ($1,600 per academic year) for other educational expenses.

TOPS EXCELLENCE AWARD

AWARD AMOUNT: Tuition and Fees or $12,000 (whichever is less)
If a student attends a public institution in Louisiana, the award pays an annual amount equal to tuition and fees as reported to the Board of Regents in the annual mandatory survey on tuition and fees, or $12,000, whichever is less.

LAICU AWARD AMOUNT: Tuition and Fees or $8,500 (whichever is less)
If a student attends a private institution within the Louisiana Association of Independent Colleges and Universities (LAICU), the Award pays an annual amount equal to tuition and fees as reported to the Board of Regents in the annual mandatory survey on tuition and fees or $8,500, whichever is less.

LA NATIONAL GUARD AWARD AMOUNT: Tuition Exemption + $600 Annual Book/Materials Stipend + $2000 Annual Educational Stipend
Students who are serving in the Louisiana National Guard will receive the tuition exemption as mandated by Louisiana state law. Students who are serving in the Louisiana National Guard and eligible for the Excellence Award, will receive a sum of $300 per semester ($600 per academic year) to be applied toward the cost of books and other instructional material. In addition, Louisiana National Guard Excellence Award recipients receive $1,000 per semester ($2,000 per academic year) for other educational expenses.

TOPS TECH AWARD

AWARD AMOUNT: TOPS Award Amount
The TOPS Tech Award pays the TOPS Award Amount, which is based on the cost of tuition set by the administering agency for a student at that particular institution for the 2016-2017 academic year unless increased by an Act of the Legislature.

LA NATIONAL GUARD AWARD AMOUNT: Tuition Exemption + $600 Annual Book/Materials Stipend
Students who are serving in the Louisiana National Guard will receive the tuition exemption as mandated by Louisiana state law. Students who are eligible for the TOPS Tech Award will receive a sum of $300 per semester ($600 per academic year) to be applied toward the cost of books and other instructional material.

PROPRIETARY AND COSMETOLOGY SCHOOL AWARD AMOUNT: Weighted Average of the TOPS Award Amount
If a student attends an approved proprietary and cosmetology school, the award amount will be the weighted average award amount, which is calculated by dividing the amount paid to all students who were enrolled in a technical program of study during the 2016-2017 academic year by the number of students paid.

LOUISIANA ASSOCIATION OF INDEPENDENT COLLEGES AND UNIVERSITIES (LAICU):
There are currently no TOPS Tech eligible programs at any LAICU institutions.

AWARD AMOUNTS BY **INSTITUTION**

TOPS
OPHE

TOPS
TECH

SECURING YOUR **TOPS AWARD**

2026 Public and Approved Private High School Graduates

You Need to Know This to Qualify for a Taylor Opportunity Program for Students (TOPS) Award

STUDENT INFORMATION

You are strongly encouraged to register for a Louisiana Office of Student Financial Assistance (LOSFA) Student Hub account prior to high school graduation. The Student Hub allows you and your parents to track your progress toward being eligible for a TOPS Award while you are in high school. To register for a Student Hub account, you will need your LOSFA ID (contact LOSFA) or your Louisiana Secure ID (contact your high school counselor).

In order for LOSFA to receive your high school transcripts and to assist you in tracking your progress towards being eligible for a TOPS Award, your parents must have turned in a LOSFA Consent Form to your school and selected "Yes."

It is very important that your full name, address, and date of birth are correct and that they are exactly the same on the Free Application for Federal Student Aid (FAFSA®)/TOPS Online Application, the ACT, and your high school transcript. If your name, address, or date of birth is incorrect or is different on any of these records, a determination of TOPS eligibility will be delayed.

CORE CURRICULUM AND GPA

Students must complete ALL courses in the applicable TOPS core curriculum. Exceptions will not be granted even if a course is not offered at your school.

Upon graduation from high school, you must have attained at least a 2.50 cumulative Grade Point Average (GPA) on the courses used to complete the applicable TOPS core curriculum, computed in accordance with program rules.

Grades earned in courses for which you received college credit while you were in high school will be included in the calculation of your cumulative college GPA after the first semester you enroll full-time in college. These grades will affect your continuing eligibility for TOPS.

AMERICAN COLLEGE TESTING (ACT)/SCHOLASTIC APTITUDE TEST (SAT)/CLASSIC LEARNING TEST (CLT)

The highest composite score achieved on a single exam of either the ACT, SAT, or CLT will be used to determine TOPS eligibility. TOPS does not consider the essay portion of the ACT or SAT in calculating the composite score needed to qualify. TOPS does not use a superscore when determining eligibility for a TOPS Award.

For 2026 high school graduates, a qualifying ACT, SAT, or CLT score must be achieved by the April ACT National Test Date: April 11, 2026. A qualifying score earned on the June 13 or July 11, 2026, ACT National Test date, or a qualifying SAT score earned on the May 2 or June 6, 2026 exams, or a

qualifying CLT score earned on the April 16, May 16, June 11, or July 2026 exams will be accepted, but you will be penalized one semester (or two quarters) of eligibility. A qualifying score earned before September 30, 2026, may be accepted if the Board of Regents finds you were prevented from taking the test prior to August 1 of the year of graduation due to circumstances beyond your control and attributable to the administration of the test.

When registering for the ACT or SAT, you must enter code 1595 on the ACT registration form or code 9019 on the SAT registration form. When registering for the CLT, you must select TOPS/LOSFA from the dropdown box.

APPLICATION

You have two options to apply for TOPS: the TOPS Online Application or the Free Application for Federal Student Aid (FAFSA®). The FAFSA® allows you to apply for TOPS, other state aid, and all federal aid.

To apply ONLY for TOPS, you should complete the TOPS Online Application.

To apply for federal student aid, TOPS, Louisiana GO Grant, and other state aid programs, you must complete the 2026-2027 FAFSA®: www.studentaid.gov

Federal student aid programs include Pell Grants, the Federal Supplemental Educational Opportunity Grant (FSEOG), student loans (subsidized and unsubsidized), Parent Loans for Undergraduate Students (PLUS), and the Federal Work Study (FWS) Program.

If you complete the FAFSA®, you do not have to fill out the TOPS Online Application to apply for TOPS.

The TOPS priority deadline for 2026 graduates is February 1, 2026. The final TOPS application deadline is July 1 following the one-year anniversary of high school graduation. You MUST file your FAFSA® or TOPS Online Application so that it is received by the federal processor or LOSFA by July 1, 2027, to receive full TOPS funding. **No payment of a TOPS award will be made until the initial FAFSA® or TOPS Online application has been received and you have been determined eligible for a TOPS award.**

Initial application receipt date	Receives TOPS funding for:
Oct. 1, 2025* - July 1, 2027	8 semesters (12 quarters) Beginning with Academic Year 2026-2027
July 2 - Aug. 30, 2027	7 semesters (10 quarters) Beginning with Academic Year 2026-2027
Aug. 31 - Oct. 29, 2027	6 semesters (9 quarters) Beginning with Academic Year 2026-2027
Initial applications received after Oct. 29, 2027	Ineligible for TOPS award

*Initial release date of the 2026-2027 FAFSA® is subject to change.

Students who enroll full-time before their initial application is received must also have met the TOPS continuing eligibility requirements to be eligible for TOPS funding for semesters, quarters, or terms attended prior to being made eligible.

KEEPING YOUR **TOPS AWARD**

2025-2026 College Students

You Need to Know This to Retain Your
Taylor Opportunity Program for Students (TOPS) Award

ENROLLMENT

As a TOPS recipient, you must enroll as a full-time student during each fall and spring semester (or fall, winter, and spring term) during the academic year, remain continuously enrolled, and must earn 24 hours of credit during the academic year. Failure to do so will result in cancellation of your TOPS award. The academic year begins with the fall semester, quarter, or term and continues through all semesters, quarters, terms, and intersessions until the following fall semester, quarter, or term begins.

EXCEPTIONS

Exceptions to the requirements to enroll full-time, to remain continuously enrolled, or to earn 24 hours of credit each academic year may be granted for circumstances beyond the student's control. Students seeking an exception to these requirements must submit a request for exception form and provide all necessary documentation. If approved and all other continuation requirements are met, the award will be reinstated. Requests for exception must be received no later than six months after the date of the notice of cancellation.

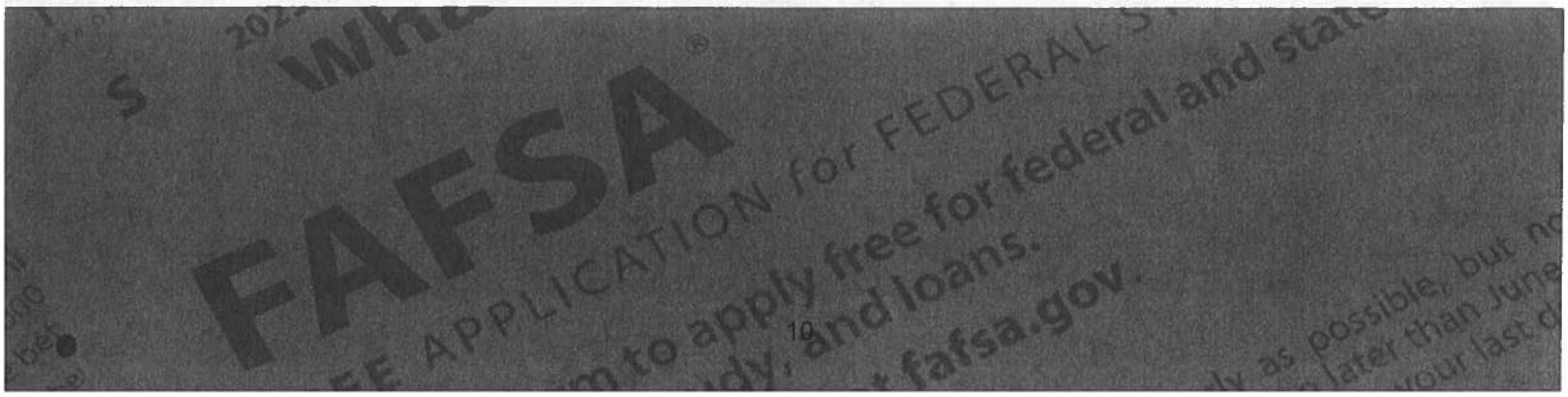
Scan Here to Access
TOPS Exceptions Form

CREDIT HOURS

Earning 24 credit hours each academic year is the responsibility of the student. Advanced Placement credits and credits earned while you are in high school cannot be used to meet the 24-hour requirement. Hours earned in remedial courses and hours earned in intersessions will count toward your 24-hour requirement. All award recipients can use hours earned in summer sessions to meet their 24-hour per academic year requirement as well.

RENEWAL FAFSA®

Students who are eligible for federal financial aid are encouraged to complete the renewal FAFSA® as soon as possible. Students are not required to complete the FAFSA® to renew their TOPS Award.



STAY PREPARED

CUMULATIVE GRADE POINT AVERAGE

Steady Academic Progress:
Students who fail to maintain steady academic progress at the end of any semester, quarter, or term shall have payment of their award suspended. Steady Academic Progress is defined as a 2.00 minimum TOPS cumulative GPA.

Continuation GPA:
At the end of each academic year, the following TOPS cumulative grade point average (GPA) as determined by LOSFA must be maintained:

Opportunity Award:	2.30 with 24-47 Hours of Academic Credit
	2.50 with 48 or More Hours of Academic Credit
Performance Award:	3.00 with 24 or More Hours of Academic Credit
Honors Award:	3.00 with 24 or More Hours of Academic Credit
Excellence Award:	3.00 with 24 or More Hours of Academic Credit
TOPS Tech Award:*	2.50 with 24 or More Hours of Academic Credit

*Also applies to Opportunity, Performance, Honors, and Excellence recipients enrolled in a technical program of study

The TOPS cumulative GPA is calculated on all coursework attempted and may not be the same as that calculated by the school.

Performance, Honors, or Excellence Award recipients who fail to maintain at least a 3.00 cumulative GPA at the end of any academic year will have their award converted to the Opportunity Award, provided they have maintained the cumulative GPA necessary for renewal at that award level. Once the recipient's award is converted to the Opportunity Award, the Performance, Honors, or Excellence Award cannot be reinstated.

Grades earned for college credit courses taken while in high school through dual enrollment programs are included in the calculation of your cumulative college GPA and will affect your TOPS continuing eligibility.

Students whose awards are suspended for failure to maintain steady academic progress or the required continuation cumulative GPA may be reinstated upon attainment of the required continuation GPA, provided that the period of ineligibility did not persist for more than two years (or one year for the TOPS Tech Award) and the student has met the requirements under the Enrollment paragraph on Page 7.

WHAT IS THE STUDENT HUB?

The Student Hub is an online system for students to track their TOPS status in high school and throughout their college careers.

High school students whose schools report their grades in the Student Transcript System (STS) can use the Student Hub to track their progress towards completing the TOPS core curriculum, view their TOPS Core GPA, and view the highest ACT scores LOSFA has on file.* Parental consent must be granted in STS to allow LOSFA to access high school transcript records.

After high school graduation, students can track their award letter, Rights and Responsibilities, and all notices sent by LOSFA via their Student Hub account.
Once in college, all information relating to TOPS continuing eligibility and TOPS postsecondary GPA will be delivered via the Student Hub account.

*9th-grade students cannot set up a Student Hub account until their school reports grades via STS midyear or at the end of the school year.

HOW DO I LOG INTO THE STUDENT HUB?

To log into the Student Hub, go to **mylosfa.la.gov** and click on **"Student Hub"** at the **top of the homepage**.

In order to set up an account, you will need to use your assigned **LOSFA ID** or **LASecureID.**

Once logged into your account, you will be able to check your TOPS status, ACT score, notifications, etc.

While logged into your account, you will also have the ability to choose to grant your parent(s) permission to access your information.

Scan Here to Register for a Student Hub Account

WHEN WILL I KNOW IF I HAVE TOPS?

TOPS processing for eligibility begins in June each year. You will be notified of eligibility by email. You can also monitor your TOPS eligibility status in your Student Hub account.

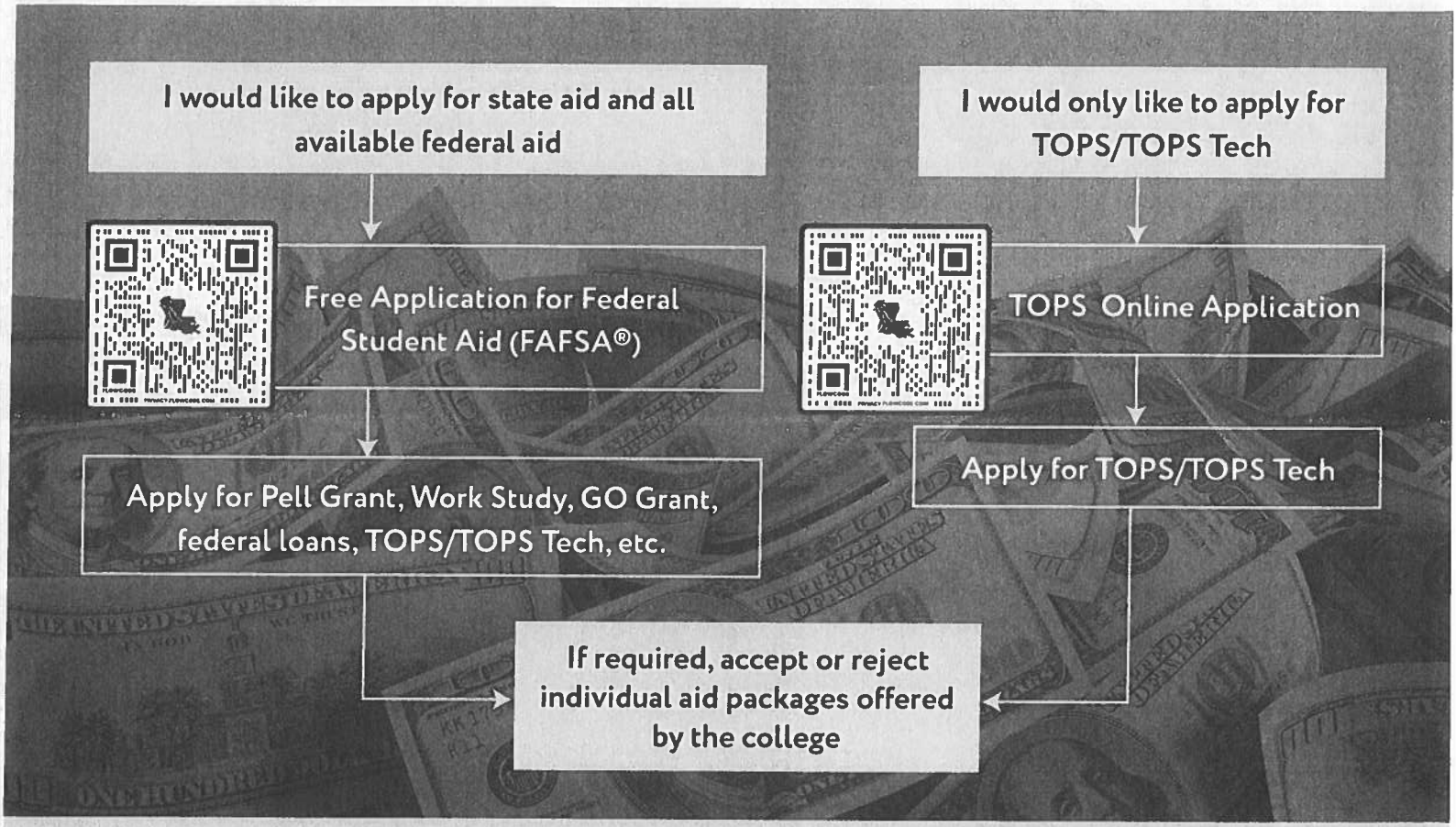
Scan Here to Access the Guide on Troubleshooting Student Hub Error Messages

APPLYING FOR TOPS

Students can submit a FAFSA® to be considered for all federal and some state financial aid. Students only interested in TOPS/TOPS Tech awards can apply using the TOPS Online Application.

NAVIGATING YOUR OPTIONS

EITHER of these options will allow you to apply for TOPS. Carefully consider your financial needs when navigating your options to apply for state and federal financial aid.



IMPORTANT NOTE!

Students must be enrolled full-time at an eligible institution to receive their TOPS Award; however, some institutions may require students to take additional steps to accept their financial aid package. Follow the directions included with your financial aid offer and contact the financial aid office at your institution if you have any questions.

10 TIPS TO AVOID TOPS PROCESSING ERRORS

1. Ensure that your name, date of birth, and home address are the same on all documents (school records, ACT/SAT registrations, FAFSA®, college applications, etc.) A good rule of thumb is to write your name the way it is listed on your social security card. Check for accuracy when entering your information on documents. Spelling, spacing, punctuation, and abbreviations matter!

2. Include the ACT TOPS code of 1595 and/or the SAT TOPS code of 9019 on all ACT/SAT registrations. For the CLT registration, please choose TOPS/LOSFA in the drop-down box.

3. Be prepared to submit additional documentation to prove residency if you or the parent listed on your FAFSA®/TOPS Online Application were not Louisiana residents for at least 24 months prior to your anticipated graduation date.

4. Public school students: ensure your high school has a parent-signed Parental Consent form allowing LOSFA to access your high school transcript data.

5. Ensure that you are taking the correct number of units that make up the TOPS Core Curriculum or the TOPS Tech Core Curriculum.

6. Be aware that your TOPS eligibility is based on your TOPS Core GPA... not your overall high school GPA, and that your TOPS Core GPA will not be rounded up.

7. Make sure that both the student and the contributor sign your FAFSA® before submission and that the email address on your FAFSA® is the one to which you want your TOPS eligibility notices sent.

8. Ensure your social security number is the same on your high school transcript and the FAFSA®.

9. Create a Student Hub account to track initial TOPS eligibility and notify LOSFA immediately if you cannot create your account, access your TOPS Tracker, or view your ACT score in the TOPS Tracker.

10. If you take a dual enrollment class using TOPS Tech Early Start, the name you use to register for the course is the name your Student Hub account will be created under. Remember - grades earned in dual enrollment courses for college credit become part of your cumulative TOPS GPA after your first semester of college.

JUST SO YOU KNOW...

TRANSCRIPTS

- The cumulative grade point average (GPA) for a TOPS award will be calculated using only those grades achieved in the core curriculum courses. Your TOPS Core GPA is different from your overall high school GPA, which includes all courses on your high school transcript.
- The TOPS Core GPA will not be rounded up when determining TOPS eligibility.
- BESE approved public and private high school transcripts are received through the Department of Education's Student Transcript System (STS). Faxed, emailed, or mailed copies of transcripts are not accepted.
- Students can qualify for TOPS Tech by completing the Opportunity, Performance, Honors or Excellence (OPHE) Award curriculum or the TOPS Tech Jumpstart Core Curriculum.
- There is no exception to the TOPS Core GPA requirement.

DOCUMENTATION

- All documentation required to establish initial eligibility, including ACT scores, and citizenship/residency documentation, must be received by our office no later than the January 15th following the one-year anniversary of your high school graduation date. For example, May 2026 graduates must submit documentation by January 15, 2028.

ACT/SAT/CLT

- LOSFA has an agreement with ACT, Inc that requires them to electronically report scores for students who indicate they are a resident of Louisiana. Additional agreements are in place with SAT and CLT to electronically report scores to LOSFA. You can also have scores sent to LOSFA by using our ACT Code (1595), SAT Code (9019) or selecting the TOPS/LOSFA in the drop-down box on the CLT during registration for the test.
- The deadline to achieve a qualifying score for TOPS is on or before the ACT national test date in April in the academic year you graduate from high school. You may still qualify or upgrade your award by using May, June, and/or July test scores, including scores from a special ACT or SAT, but your period of eligibility for the award will be reduced by one semester or two quarters.
- Students who fail to achieve a qualifying ACT score by July 31st of the graduating year shall not be considered for an award.
- TOPS uses the highest composite score achieved on a single test and does not use superscoring.
- There is no exception to the TOPS ACT/SAT/CLT requirement. Testing accommodations must be arranged with ACT, SAT or CLT.

WORKKEYS

- LOSFA now receives ACT WorkKeys directly from ACT every May. Graduating seniors who earn qualifying WorkKeys scores after April 30th must submit their scores directly to LOSFA.
- The deadline to earn a qualifying WorkKeys score for TOPS is on or before the end of April in the academic year you graduate from high school. You may still qualify for a TOPS Tech award by using May, June, and/or July test scores, but your period of eligibility for the award will be reduced by one semester.
- If you are interested in taking the WorkKeys assessment, first check with your high school counselor or school district office.

HOME STUDY

- To qualify for TOPS, home study students must meet citizenship and Louisiana residency requirements, earn a qualifying ACT score, and be enrolled in a BESE-approved home study program. Please **scan the QR code** to view all TOPS eligibility requirements for home study students and to access the TOPS Guide for Home Study Students.

COMMON TOPS QUESTIONS

WILL TOPS COVER ALL OF MY TUITION?

No. ACT 18 of the 2016 Louisiana Legislature decoupled TOPS from tuition and set the "fully funded" amount going forward as the amount of tuition charged by the institution for the 2016-17 Academic Year. Students still must pay all other attendance costs (COA).

CAN I USE TOPS OUT OF STATE IF MY MAJOR IS NOT OFFERED IN LOUISIANA?

No, TOPS cannot be used out-of-state except at out-of-state private colleges that are specifically designed to accommodate deaf and hard-of-hearing students, at which the majority of the students are deaf and hard of hearing.

CAN ACT SUPERSCORES BE USED TO QUALIFY FOR TOPS?

TOPS uses the highest composite score achieved on a single test and does not use superscoring to determine eligibility.

IF I GET A HIGHER GPA OR ACT SCORE IN COLLEGE, CAN I QUALIFY FOR TOPS THEN?

No. You are awarded TOPS based on your academic performance in high school. You must meet the TOPS requirements at the time of graduation from high school.

MY HIGH SCHOOL ANNOUNCED THAT I HAD TOPS DURING MY GRADUATION. DOES THAT MEAN I HAVE BEEN AWARDED?

No. Some high schools honor their graduates by naming those who are expected to qualify for a TOPS award; however, any official notification of TOPS eligibility will come from LOSFA once we begin processing for TOPS eligibility in June.

I'M NOT GOING TO COLLEGE IMMEDIATELY AFTER I GRADUATE FROM HIGH SCHOOL. WHAT SHOULD I DO TO PUT MY TOPS ON HOLD?

There is nothing you need to do, except apply by completing a TOPS Online Application or FAFSA®. Even if you are not planning to go to college immediately, you should still apply for TOPS in your senior year to avoid missing any deadlines. You must enroll for the first time as a full-time student in an eligible postsecondary institution no later than the fall semester following the first anniversary of the date you graduated from high school.

LINKS AND RESOURCES

TOPS
WEBPAGE

TOPS CORE
CURRICULUM

5-POINT
SCALE

TOPS
Q&A

TOPS
FORMS

FAFSA®
WEBPAGE

ACT/SAT
INFORMATION

Name:_____

**This form is intended to be used as a tool in selecting your courses for the next school year. Final responsibility for course selections meeting diploma and TOPS requirements rests on the student and parent or legal guardian. This form was also completed on the assumption at scheduling time that the student will pass all courses they are currently enrolled in for the current semester.

Tops University Diploma Requirements

Students earning a TOPS UNIVERSITY Diploma may not necessarily earn the TOPS Opportunity Scholarship. TOPS core GPA and ACT score are factored into eligibility.

English – 4 Units

____English I
____English II
____English III
____English IV

Math – 4 Units

____Algebra I
____Geometry
____Algebra II
____4th Math unit selected from:

- Algebra III
- Pre-Calculus
- College Algebra DE
- Trigonometry DE
- Differential Calculus DE
- Integral Calculus DE
- Prob. & Statistics AP
- Calculus AB AP
- Calculus BC AP
- AP Computer Science A

Social Studies– 4 Units

____Government or Government AP
____US History or US History AP
____3rd Social Studies
____4th Social Studies

3rd & 4th Social Studies selected from:

- World Geography or Human Geo AP
- World History, World Hist AP or DE
- European History AP
- Psychology AP or DE

Electives—3 Units

____Cohort of 2028 & 2029: Financial Literacy

1. _____
2. _____
3. _____

Science – 4 Units

____Biology I or Biology I DE
____Chemistry
____3rd Science
____4th Science

3rd & 4th Science selected from:

- Agriscience I & Agriscience II
- Biology II AP
- Earth Science
- Environmental Science or Env Sci AP
- Chemistry II AP
- Chemistry DE
- Anatomy and Physiology
- Physical Science
- Physics or Physics I AP
- Principles of Engineering

PE & Health – 2 Units

_____ **PE** – 1 ½ units
_____ **Health** – ½ unit

or

_____ **JROTC I**
_____ **JROTC II**
(replaces PE and Health) 2 units

Arts Requirement – 1 Unit

____ Art, Choir, Band, Theatre, Media Arts, Talented Art, Fine Arts Survey

Foreign Language—2 Units

(Must be 2 of same language)
____Spanish I or French I
____Spanish II or French II

Total Units Required: 24

LEAP 2025: English I or English II _____ Algebra I or Geometry _____ Biology or Govt/US History _____

LOSFA

TOPS CORE CURRICULUM

TOPS Opportunity, Performance, Honors, and Excellence Awards For High School Graduates of 2027[1]

The Taylor Opportunity Program for Students (TOPS) Core Curriculum is one component of the requirements to qualify for the TOPS scholarship. The curriculum outlined on this flyer is used to qualify for the TOPS Opportunity, Performance, Honors, or Excellence Award and consists of 19 units. [2] [3]

ENGLISH = 4 UNITS

Units	Courses
1 Unit	English I
1 Unit	English II
1 Unit from the following	English III, AP English Language Arts and Composition, or IB English III (Language A or Literature and Performance)
1 Unit from the following	English IV, AP English Literature and Composition, or IB English IV (Language A or Literature and Performance)

MATH = 4 UNITS

Units	Courses
1 Unit	Algebra I
1 Unit	Geometry
1 Unit	Algebra II
	Integrated Mathematics I, Integrated Mathematics II, and Integrated Mathematics III may be substituted for the Algebra I, Geometry, and Algebra II sequence
1 Unit from the following	Algebra III; Advanced Math - Functions and Statistics, Advanced Math - Pre-Calculus, Pre-Calculus, or IB Math Methods I (Mathematical Studies SL); Calculus, Differential Calculus I, Integral Calculus I, AP Calculus AB, or IB Math Methods II (Mathematics SL); AP Calculus BC; Probability and Statistics, Statistical Reasoning, or AP Statistics; IB Further Mathematics HL; IB Mathematics HL; AP Pre-calculus; AP Computer Science A[4]

SCIENCE = 4 UNITS

Units	Courses
1 Unit	Biology I
1 Unit	Chemistry I
2 Units from the following:	Earth Science; Environmental Science or Environmental Awareness; Physical Science or Principles of Engineering; Agriscience I and Agriscience II (one unit combined); Chemistry II or AP Chemistry or IB Chemistry II; AP Environmental Science or IB Environmental Systems; Physics I, AP Physics 1, AP Physics B, or IB Physics I; AP Physics C: Electricity and Magnetism, AP Physics C: Mechanics, or IB Physics II, or AP Physics II; Biology II or AP Biology or IB Biology II or Human Anatomy and Physiology

CONTACT **LOSFA**

Ask LEX (LOSFA's virtual response assistant, available 24/7 at www.mylosfa.la.gov)

Visit mylosfa.la.gov

Email custserv@la.gov or GeauxFAFSA@la.gov

Schedule Virtual Office Hours (Available 9:00 a.m. - 3:00 p.m. on Monday - Friday)

LOSFA

TOPS CORE CURRICULUM

SOCIAL STUDIES = 4 UNITS

Units	Courses
1 Unit from the following:	U.S. History, AP U.S. History, or IB U.S. History
1 Unit from the following:	Civics, Government, AP U.S. Government and Politics: Comparative, or AP U.S. Government and Politics: United States
2 Units from the following:	Western Civilization, European History, or AP European History; World Geography or Physical Geography, AP Human Geography, or IB Geography; World History, AP World History, or IB World History; History of Religion; IB Economics, Economics, AP Macroeconomics, AP Microeconomics; AP Psychology, **IB Psychology** or African American History

FOREIGN LANGUAGE OR COMPUTER SCIENCE = 2 UNITS

Units	Courses
2 Units from the following:	Foreign Language, both units in the same language, which may also include the following AP and IB courses: AP Chinese Language and Culture, AP French Language and Culture, AP German Language and Culture, AP Italian Language and Culture, AP Japanese Language and Culture, AP Latin, AP Spanish Language and Culture, IB French IV, IB French V, IB Spanish IV, IB Spanish V, Mandarin Chinese I-IV, Hindi I – IV, Portuguese I-IV, Vietnamese I-IV, **Tagalog I-IV, Turkish I-IV, Urdu I-IV, and West Germanic Languages (Dutch) I-IV**
	OR
2 Units from the following:	Computer Science, AP Computer Science A[4], Computer Coding as a Foreign Language I, Computer Coding as a Foreign Language II

ART = 1 UNIT

Units	Courses
1 Unit from the following:	Performance course in Music, Dance or Theatre; Fine Arts Survey; Art I, II, III, and IV; Talented Art I, II, III, and IV; Talented Music I, II, III and IV; Talented Theater Arts I, II, III, and IV; Speech III and Speech IV (one unit combined); AP Art History; AP Studio Art: 2-D Design; AP Studio Art: 3-D Design; AP Studio Art: Drawing; AP Music Theory; IB Film Study I; IB Film Study II; IB Music I; IB Music II; IB Art Design III; IB Art Design IV; IB Theatre I, Drafting, Media Arts I - IV; Photography I, Photography II, Digital Photography, Digital Image & Motion Graphics, Digital Storytelling, Engineering Design & Development, Sound Design, **Creative Writing**

[1] **TOPS Core Curriculum requirements vary by graduating class. Please see the TOPS Core Curriculum Flyers for each of the following graduating classes: 2028 - 2030 graduates, and 2031 graduates and thereafter.**

[2] **GIFTED COURSES: Any core curriculum course that is taken by a student who has been identified as gifted pursuant to Louisiana Board of Elementary and Secondary Education (BESE) policy and that is taken in fulfillment of the student's Individualized Education Plan shall be considered a "Gifted Course" and shall fulfill the core curriculum. Some, but not all, Gifted Courses will be graded on a 5-point scale for determining the TOPS Core Curriculum GPA. Courses to be graded on a 5-point scale are approved by BESE in consultation with the Louisiana Board of Regents. See footnote 3 for a link to the core curriculum courses and which of those courses will be graded on 5.0-point scale.**

[3] **The calculation of the TOPS Core Curriculum grade point average (GPA) will use a 5-point scale for grades earned for certain designated courses in: Advanced Placement (AP), International Baccalaureate (IB), Gifted, Dual Enrollment, Honors, and Articulated offered for college credit by the Louisiana School for the Math, Science, and the Arts (LSMSA). For those designated courses, five quality points will be assigned to a letter grade of "A," four quality points will be assigned to a letter grade of "B," three quality points will be assigned to a letter grade of "C," two quality points will be assigned to a letter grade of "D," and zero quality points will be assigned to a letter grade of "F." Only designated courses will be graded on 5-point scale. The courses currently designated to be calculated on the 5-point scale can be viewed at https://mylosfa.la.gov/wp-content/uploads/2020/07/tops-university-course-requirements.pdf.**

[4] **AP Computer Science A may be used for one of the following: a math credit or a foreign language credit. It may not be used for both.**

CONNECT WITH LOSFA

@losfa @losfa @losfa1000 @losfa001

LOSFA

TOPS CORE CURRICULUM

TOPS Opportunity, Performance, Honors and Excellence Awards For High School Graduates of 2028 through 2030[1]

The Taylor Opportunity Program for Students (TOPS) Core Curriculum is one component of the requirements to qualify for the TOPS scholarship. The curriculum outlined on this flyer is used to qualify for the TOPS Opportunity, Performance, Honors or Excellence Award and consists of 20 units. [2,3]

ENGLISH = 4 UNITS

Units	Courses
1 Unit	English I
1 Unit	English II
1 Unit from the following	English III, AP English Language Arts and Composition, or IB English III (Language A or Literature and Performance)
1 Unit from the following	English IV, AP English Literature and Composition, or IB English IV (Language A or Literature and Performance)

MATH = 4 UNITS

Units	Courses
1 Unit	Algebra I
1 Unit	Geometry
1 Unit	Algebra II
	Integrated Mathematics I, Integrated Mathematics II, and Integrated Mathematics III may be substituted for the Algebra I, Geometry, and Algebra II sequence
1 Unit from the following	Algebra III; Advanced Math - Functions and Statistics, Advanced Math - Pre-Calculus, Pre-Calculus, or IB Math Methods I (Mathematical Studies SL); Calculus, Differential Calculus I, Integral Calculus I, AP Calculus AB, or IB Math Methods II (Mathematics SL); AP Calculus BC; Probability and Statistics, Statistical Reasoning, or AP Statistics; IB Further Mathematics HL; IB Mathematics HL; AP Pre-calculus; AP Computer Science A[4]

SCIENCE = 4 UNITS

Units	Courses
1 Unit	Biology I
1 Unit	Chemistry I
2 Units from the following:	Earth Science; Environmental Science or Environmental Awareness; Physical Science or Principles of Engineering; Agriscience I and Agriscience II (one unit combined); Chemistry II or AP Chemistry or IB Chemistry II; AP Environmental Science or IB Environmental Systems; Physics I, AP Physics I, AP Physics B, or IB Physics I; AP Physics C: Electricity and Magnetism, AP Physics C: Mechanics, or IB Physics II, or AP Physics II; Biology II or AP Biology or IB Biology II or Human Anatomy and Physiology

CONTACT **LOSFA**

Ask LEX (LOSFA's virtual response assistant, available 24/7 at www.mylosfa.la.gov) | Visit mylosfa.la.gov | Email custserv@la.gov or GeauxFAFSA@la.gov | Schedule Virtual Office Hours (Available 9:00 a.m. - 3:00 p.m. on Monday - Friday)

LOSFA

TOPS CORE CURRICULUM

SOCIAL STUDIES = 4 UNITS

Units	Courses
1 Unit from the following:	U.S. History, AP U.S. History, or IB U.S. History
1 Unit from the following:	Civics, Government, AP U.S. Government and Politics: Comparative, or AP U.S. Government and Politics: United States
2 Units from the following:	Western Civilization, European History, or AP European History; World Geography or Physical Geography, AP Human Geography, or IB Geography; World History, AP World History, or IB World History; History of Religion; IB Economics, Economics, AP Macroeconomics, AP Microeconomics; AP Psychology, **IB Psychology** or African American History

FOREIGN LANGUAGE OR COMPUTER SCIENCE = 2 UNITS

Units	Courses
2 Units from the following:	Foreign Language, both units in the same language, which may also include the following AP and IB courses: AP Chinese Language and Culture, AP French Language and Culture, AP German Language and Culture, AP Italian Language and Culture, AP Japanese Language and Culture, AP Latin, AP Spanish Language and Culture, IB French IV, IB French V, IB Spanish IV, IB Spanish V, Mandarin Chinese I-IV, Hindi I – IV, Portuguese I-IV, Vietnamese I-IV, **Tagalog I-IV, Turkish I-IV, Urdu I-IV, and West Germanic Languages (Dutch) I-IV**
	OR
2 Units from the following:	Computer Science, AP Computer Science A[4], Computer Coding as a Foreign Language I, Computer Coding as a Foreign Language II

ART = 1 UNIT

Units	Courses
1 Unit from the following:	Performance course in Music, Dance or Theatre; Fine Arts Survey; Art I, II, III, and IV; Talented Art I, II, III, and IV; Talented Music I, II, III and IV; Talented Theater Arts I, II, III, and IV; Speech III and Speech IV (one unit combined); AP Art History; AP Studio Art: 2-D Design; AP Studio Art: 3-D Design; AP Studio Art: Drawing; AP Music Theory; IB Film Study I; IB Film Study II; IB Music I; IB Music II; IB Art Design III; IB Art Design IV; IB Theatre I, Drafting, Media Arts I - IV; Photography I, Photography II, Digital Photography, Digital Image & Motion Graphics, Digital Storytelling, Engineering Design & Development, Sound Design, **Creative Writing**

FINANCIAL LITERACY = 1 UNIT

Units	Courses
1 Unit from the following:	Financial Literacy

[1] **2031 graduates and thereafter have a different TOPS Core Curriculum than previous graduates. Please see the TOPS Core Curriculum Flyer for 2031 graduates and thereafter.**

[2] **GIFTED COURSES: Any core curriculum course that is taken by a student who has been identified as gifted pursuant to Louisiana Board of Elementary and Secondary Education (BESE) policy and that is taken in fulfillment of the student's Individualized Education Plan shall be considered a "Gifted Course" and shall fulfill the core curriculum. Some, but not all, Gifted Courses will be graded on a 5-point scale for determining the TOPS Core Curriculum GPA. Courses to be graded on a 5-point scale are approved by BESE in consultation with the Louisiana Board of Regents. See footnote 3 for a link to the core curriculum courses and which of those courses will be graded on 5.0-point scale.**

[3] **The calculation of the TOPS Core Curriculum grade point average (GPA) will use a 5-point scale for grades earned for certain designated courses in: Advanced Placement (AP), International Baccalaureate (IB), Gifted, Dual Enrollment, Honors, and Articulated offered for college credit by the Louisiana School for the Math, Science, and the Arts (LSMSA). For those designated courses, five quality points will be assigned to a letter grade of "A," four quality points will be assigned to a letter grade of "B," three quality points will be assigned to a letter grade of "C," two quality points will be assigned to a letter grade of "D," and zero quality points will be assigned to a letter grade of "F." Only designated courses will be graded on 5-point scale. The courses currently designated to be calculated on the 5-point scale can be viewed at https://mylosfa.la.gov/wp-content/uploads/2020/07/tops-university-course-requirements.pdf.**

[4] **AP Computer Science A may be used for one of the following: a math credit or a foreign language credit. It may not be used for both.**

CONNECT WITH LOSFA

@losfa @losfa @losfa1000 @losfa001

Name:_____

**These forms are intended to be used as a tool in selecting your courses for the next school year. Final responsibility for course selections meeting Diploma and TOPS requirements rests on the student and parent or legal guardian. This form was also completed on the assumption at scheduling time that the student will pass all courses they are currently enrolled in for the current semester.

Jump Start TOPS Tech Diploma Requirements

Jumpstart students are eligible for TOPS TECH on this diploma, but must meet TOPS Core GPA and ACT or ACT WorkKeys requirements

English—4 Units

____ English I
____ English II
____ English III or Business English
____ English IV or Tech Writing

Math—4 Units

____ Algebra I
____ Geometry
____ Algebra II or Math Essentials
____ Algebra III, Pre-Calculus, or Financial Lit*

Social Studies—2 Units

____ Government
____ U.S. History

Science—2 Units

____ Biology I
____ 1 Unit from the following:

- Physical Science
- Environmental Science
- Environmental Science AP
- Earth Science
- Chemistry
- Agriscience I & Agriscience II

*Financial Literacy—1 Unit

____ Cohort of 2028 & 2029: Financial Literacy*
(can count as your 4th math credit above)

____ **PE** – 1 ½ units
____ **Health** – ½ unit

or

____ **JROTC I**
____ **JROTC II**
(replaces PE and Health) 2 units

Jump Start Electives – 9 units

Pathway: _____

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____

Credentials—3 are needed:

1. _____
2. _____
3. _____

Total Units Required: 23

LEAP 2025: English I or English II _____ Algebra I or Geometry _____ Biology or Govt/US History _____

LOSFA

TOPS TECH CORE CURRICULUM

TOPS Tech Award
For High School Graduates of 2027[1]

The Taylor Opportunity Program for Students (TOPS) Core Curriculum is one component of the requirements to qualify for the TOPS scholarship. The curriculum outlined on this flyer is used to qualify for the TOPS Tech Award and consists of 21 units. [2,3] Students qualifying for the TOPS Tech Award may also use the TOPS Opportunity, Performance, Honors, and Excellence Awards Core Curriculum which is outlined in a separate flyer.

ENGLISH = 4 UNITS

Units	Courses
1 Unit	English I
1 Unit	English II
2 Units from the following:	English III, English IV, AP or IB English courses, Business English, Technical Writing, or comparable Louisiana Technical College courses offered by Jump Start regional teams as approved by the State Board of Elementary and Secondary Education.

MATH = 4 UNITS

Units	Courses
1 Unit	Algebra I; or both Algebra I, Part 1 and Algebra I, Part 2; or an applied or hybrid algebra course
1 Unit	Geometry or an applied Geometry course
2 Units from the following:	Algebra II, Math Essentials, Financial Literacy, Business Math, Algebra III, Advanced Math -Functions and Statistics, Advanced Math - Pre-Calculus, Pre-calculus, or comparable Louisiana Technical College courses offered by Jump Start regional teams as approved by the State Board of Elementary and Secondary Education. Integrated Mathematics I, II, and III may be substituted for Algebra I, Geometry, and Algebra II, and shall equal three mathematics credits.

SCIENCE = 2 UNITS

Units	Courses
1 Unit	Biology I
1 Unit from the following:	Chemistry I, Earth Science, Environmental Science, Agriscience I and Agriscience II (both for one unit), Physical Science, Physics, or AP or IB science courses

LOSFA

TOPS TECH CORE CURRICULUM

SOCIAL STUDIES = 2 UNITS

Units	Courses
1 Unit from the following:	U.S. History, AP U.S. History, or IB U.S. History
1 Unit from the following:	Civics, Government, AP U.S. Government and Politics: Comparative, or AP U.S. Government and Politics: United States

JUMP START COURSES = 9 UNITS

Units	Courses
9 Units	In Jump Start course sequences, workplace experiences, and credentials. A student shall complete a regionally designed series of Career and Technical Education Jump Start coursework and workplace-based learning experiences leading to a statewide or regional Jump Start credential. This shall include courses and workplace experiences specific to the credential, courses related to foundational career skills requirements in Jump Start, and other courses, including career electives, that the Jump Start regional team determines are appropriate for the career major.

[1] **TOPS Core Curriculum requirements vary by graduating class. Please see the TOPS Core Curriculum Flyers for each of the following graduating classes: 2028 - 2030 graduates, and 2031 graduates and thereafter.**

[2] **GIFTED COURSES: Any core curriculum course that is taken by a student who has been identified as gifted pursuant to Louisiana Board of Elementary and Secondary Education (BESE) policy and that is taken in fulfillment of the student's Individualized Education Plan shall be considered a "Gifted Course" and shall fulfill the core curriculum. Some, but not all, Gifted Courses will be graded on a 5-point scale for determining the TOPS Core Curriculum GPA. Courses to be graded on a 5-point scale are approved by the BESE in consultation with the Louisiana Board of Regents. See footnote 3 for a link to the core curriculum courses and which of those courses will be graded on 5.0-point scale.**

[3] **The calculation of the TOPS Core Curriculum grade point average (GPA) will use a 5-point scale for grades earned for certain designated courses in: Advanced Placement (AP), International Baccalaureate (IB), Gifted, Dual Enrollment, Honors, and Articulated offered for college credit by the Louisiana School for the Math, Science, and the Arts (LSMSA). For those designated courses, five quality points will be assigned to a letter grade of "A," four quality points will be assigned to a letter grade of "B," three quality points will be assigned to a letter grade of "C," two quality points will be assigned to a letter grade of "D," and zero quality points will be assigned to a letter grade of "F." Only designated courses will be graded on 5-point scale. The courses currently designated to be calculated on the 5-point scale can be viewed at https://mylosfa.la.gov/wp-content/uploads/2020/07/tops-university-course-requirements.pdf.**

LOSFA

TOPS TECH CORE CURRICULUM

TOPS Tech Award
For High School Graduates of 2028 -2030[1]

The Taylor Opportunity Program for Students (TOPS) Core Curriculum is one component of the requirements to qualify for the TOPS scholarship. The curriculum outlined on this flyer is used to qualify for the TOPS Tech Award and consists of 21 units.[2,3] Students qualifying for the TOPS Tech Award may also use the TOPS Opportunity, Performance, Honors, and Excellence Awards Core Curriculum which is outlined in a separate flyer.

ENGLISH = 4 UNITS

Units	Courses
1 Unit	English I
1 Unit	English II
2 Units from the following:	English III, English IV, AP or IB English courses, Business English, Technical Writing, or comparable Louisiana Technical College courses offered by Jump Start regional teams as approved by the State Board of Elementary and Secondary Education.

MATH = 4 UNITS

Units	Courses
1 Unit	Algebra I; or both Algebra I, Part 1 and Algebra I, Part 2; or an applied or hybrid algebra course
1 Unit	Geometry or an applied Geometry course
1 Unit	Financial Literacy
1 Unit from the following:	Algebra II, Math Essentials, Business Math, Algebra III, Advanced Math -Functions and Statistics, Advanced Math - Pre-Calculus, Pre-calculus, or comparable Louisiana Technical College courses offered by Jump Start regional teams as approved by the State Board of Elementary and Secondary Education. Integrated Mathematics I, II, and III may be substituted for Algebra I, Geometry, and Algebra II, and shall equal three mathematics credits.

SCIENCE = 2 UNITS

Units	Courses
1 Unit	Biology I
1 Unit from the following:	Chemistry I, Earth Science, Environmental Science, Agriscience I and Agriscience II (both for one unit), Physical Science, Physics, or AP or IB science courses

CONTACT LOSFA

Ask LEX (LOSFA's virtual response assistant, available 24/7 at www.mylosfa.la.gov)

Visit mylosfa.la.gov

Email custserv@la.gov or GeauxFAFSA@la.gov

Schedule Virtual Office Hours (Available 9:00 a.m. - 3:00 p.m. on Monday - Friday)

LOSFA

TOPS TECH CORE CURRICULUM

SOCIAL STUDIES = 2 UNITS

Units	Courses
1 Unit from the following:	U.S. History, AP U.S. History, or IB U.S. History
1 Unit from the following:	Civics, Government, AP U.S. Government and Politics: Comparative, or AP U.S. Government and Politics: United States

JUMP START COURSES = 9 UNITS

Units	Courses
9 Units	In Jump Start course sequences, workplace experiences, and credentials. A student shall complete a regionally designed series of Career and Technical Education Jump Start coursework and workplace-based learning experiences leading to a statewide or regional Jump Start credential. This shall include courses and workplace experiences specific to the credential, courses related to foundational career skills requirements in Jump Start, and other courses, including career electives, that the Jump Start regional team determines are appropriate for the career major.

[1] **2031 graduates and thereafter have a different TOPS Tech Core Curriculum than previous graduates. Please see the TOPS Tech Core Curriculum Flyers for each of the graduating classes.**

[2] **GIFTED COURSES: Any core curriculum course that is taken by a student who has been identified as gifted pursuant to Louisiana Board of Elementary and Secondary Education (BESE) policy and that is taken in fulfillment of the student's Individualized Education Plan shall be considered a "Gifted Course" and shall fulfill the core curriculum. Some, but not all, Gifted Courses will be graded on a 5-point scale for determining the TOPS Core Curriculum GPA. Courses to be graded on a 5-point scale are approved by the BESE in consultation with the Louisiana Board of Regents. See footnote 3 for a link to the core curriculum courses and which of those courses will be graded on 5.0-point scale.**

[3] **The calculation of the TOPS Core Curriculum grade point average (GPA) will use a 5-point scale for grades earned for certain designated courses in: Advanced Placement (AP), International Baccalaureate (IB), Gifted, Dual Enrollment, Honors, and Articulated offered for college credit by the Louisiana School for the Math, Science, and the Arts (LSMSA). For those designated courses, five quality points will be assigned to a letter grade of "A," four quality points will be assigned to a letter grade of "B," three quality points will be assigned to a letter grade of "C," two quality points will be assigned to a letter grade of "D," and zero quality points will be assigned to a letter grade of "F." Only designated courses will be graded on 5-point scale. The courses currently designated to be calculated on the 5-point scale can be viewed at https://mylosfa.la.gov/wp-content/uploads/2020/07/tops-university-course-requirements.pdf.**

CONNECT WITH LOSFA

@losfa @losfa @losfa1000 @losfa001

NCAA Eligibility Requirements

(Prospective college athletes must submit ACT scores and register with NCAA Clearinghouse during their Junior year)

NCAA ELIGIBILITY REQUIREMENTS BY DIVISION

Division	Seasons of Competition	Eligibility Period	Minimum Core GPA	Key Exceptions
Division I	4 seasons	5-year clock	2.3	Medical hardship waivers, limited redshirt participation
Division II	4 seasons	10 semesters	2.2	Partial qualifier category
Division III	4 seasons	No strict 5-year clock	School-based	Institutional discretion
Junior College (NJCAA)	2 years typical	Institutional limits	Diploma/GED	Transfer pathway to NCAA

NCAA DIVISION 1 ELIGIBILITY REQUIREMENTS

For high-school athletes enrolling in college full-time in 2025-26 and beyond:

- **Complete 16 core courses using pass/fail grades:**
  - English: 4 years
  - Math (Algebra 1 or higher): 3 years
  - Natural/Physical Science (Including 1 year of lab, if offered): 2 years
  - Social Science: 2 years
  - Additional Courses
    - English, Math or Science: 1 year
    - English, Math, Sciences, Foreign Language, Comparative Religion or Philosophy: 4 years
- **Core Course Progression:** You must complete 10 core courses by the beginning of senior year, or seventh semester. Among these 10, seven must be in the subjects of English, math or natural/physical science. This is known as the 10/7 rule.
- **Earn a core course GPA of 2.3 or higher**
- **Graduate high school**
- **Receive final certification on your amateurism status** via the NCAA Eligibility Center

Insider Tip: Once you enter your senior year, the grades you've received in your core courses are "locked in" and cannot be changed. **If you're currently a junior in high school, it's crucial to keep an eye on your core course count.** You might need to take additional courses during the summer between your junior and senior years to meet this requirement.

NCAA DIVISION 2 ELIGIBILITY REQUIREMENTS

For high-school athletes enrolling in college full-time in 2025-2026 and beyond:

- **Complete 16 core courses using pass/fail grades:**
  - English: 3 years
  - Math (Algebra 1 or higher): 2 years
  - Natural/Physical Science (Including 1 year of lab, if offered): 2 years
  - Social Science: 2 years
  - Additional Courses
    - English, Math or Science: 3 year
    - English, Math, Sciences, Foreign Language, Comparative Religion or Philosophy: 4 years
- **Earn a core course GPA of 2.2 or higher**
- **Graduate high school**
- **Receive final certification on your amateurism status** via the NCAA Eligibility Center

NCAA DIVISION 3 ELIGIBILITY REQUIREMENTS

Division 3 schools are responsible for setting their own academic eligibility rules.

If you are going to be competing for a D3 institution, or if you are unsure what division level you'll be competing at, you can start with a free NCAA Profile.

If you do decide to pursue a D1 or D2 program, you can always transition to a Certification Account later.

JUNIOR COLLEGE ELIGIBILITY REQUIREMENTS

Junior college eligibility requirements (NJCAA) typically include:

- High school diploma or GED
- Institutional academic placement standards
- Amateur status compliance

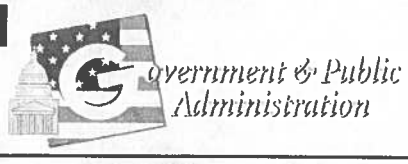
Many athletes who do not immediately meet NCAA eligibility requirements begin in junior college to:

- Improve GPA
- Complete transferable credits
- Develop athletically
- Re-enter NCAA recruitment later

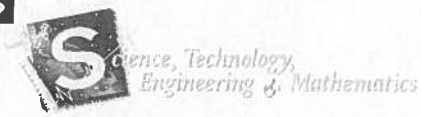
However, enrolling full-time at junior college may start your NCAA eligibility clock (Division 1)

Insider Tip: Many athletes who aren't able to meet the NCAA or NAIA eligibility requirements will gain eligibility by competing at a junior college for two years. Or, sometimes, athletes who are unsure of their major, will attend a junior college while they decide what their four-year course of study will be.

The Sixteen Career Clusters

1 	The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.
2 	Careers in designing, planning, managing, building, and maintaining the built environment.
3 	Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.
4 	Business Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.
5 	Planning, managing, and providing education and training services, and related learning support services.
6 	Planning, services for financial and investment planning, banking, insurance, and business financial management.
7 	Executing governmental functions to include governance; national security; foreign service; planning; revenue and taxation; regulation; and management and administration at the local, state, and federal levels.
8 	Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.
9 	Hospitality and Tourism encompasses the management, marketing and operations of restaurants and other food services, lodging, attractions and recreation events, and travel-related services.

Career Clusters cont.

10 	Preparing individuals for employment in career pathways that relate to families and human needs.
11 	Building linkages in IT occupations framework for entry-level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia, and systems integration services.
12 	Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.
13 	Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance, and manufacturing/process engineering.
14 	Planning, managing, and performing marketing activities to reach organizational objectives.
15 	Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering), including laboratory and testing services, and research and development services.
16 	Planning, mangagement, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment, and facility maintenance.

My top three Career Clusters of interest are:

1. _____

2. _____

3. _____

For more information, check with a career counselor at your high school, career technical center, higher education institution, or one-stop career center.

Career Clusters Interest Survey

Name _____

School _____ **Date** _____

Directions: Circle the items in each box that best describe you. You may make as many or as few circles in each box as you choose. Add up the number of circles in each box. Look to see which three boxes have the highest numbers. Find the corresponding Career Clusters on the pages immediately following this survey to see which Career Clusters you may want to explore.

BOX 1	**Activities that describe what I like to do:**	**Personal qualities that describe me:**	**School subjects that I like:**	**Total number circled in Box 1**
	1. Learn how things grow and stay alive. 2. Make the best use of the earth's natural resources. 3. Hunt and/or fish. 4. Protect the environment. 5. Be outdoors in all kinds of weather. 6. Plan, budget, and keep records. 7. Operate machines and keep them in good repair.	1. Self-reliant 2. Nature lover 3. Physically active 4. Planner 5. Creative problem solver	1. Math 2. Life Sciences 3. Earth Sciences 4. Chemistry 5. Agriculture	

BOX 2	**Activities that describe what I like to do:**	**Personal qualities that describe me:**	**School subjects that I like:**	**Total number circled in Box 2**
	1. Read and follow blueprints and/or instructions. 2. Picture in my mind what a finished product looks like. 3. Work with my hands. 4. Perform work that requires precise results. 5. Solve technical problems. 6. Visit and learn from beautiful, historic, or interesting buildings. 7. Follow logical, step-by-step procedures.	1. Curious 2. Good at following directions 3. Pay attention to detail 4. Good at visualizing possibilities 5. Patient and persistent	1. Math 2. Drafting 3. Physical Sciences 4. Construction Trades 5. Electrical Trades/Heat, Air Conditioning and Refrigeration/ Technology Education	

BOX 3	**Activities that describe what I like to do:**	**Personal qualities that describe me:**	**School subjects that I like:**	**Total number circled in Box 3**
	1. Use my imagination to communicate new information to others. 2. Perform in front of others. 3. Read and write. 4. Play a musical instrument. 5. Perform creative, artistic activities. 6. Use video and recording technology. 7. Design brochures and posters.	1. Creative and imaginative 2. Good communicator/good vocabulary 3. Curious about new technology 4. Relate well to feelings and thoughts of others 5. Determined/tenacious	1. Art/Graphic design 2. Music 3. Speech and Drama 4. Journalism/Literature 5. Audiovisual Technologies	

Source: Adapted from the Guidance Division Survey, Oklahoma Department of Career and Technology Education (2005)

Note: *This survey does not make any claims of statistical reliability and has not been normed. It is intended for use as a guidance tool to generate discussion regarding careers and is valid for that purpose.*

BOX 4	Activities that describe what I like to do:	Personal qualities that describe me:	School subjects that I like:	Total number circled in Box 4
	1. Perform routine, organized activities but can be flexible. 2. Work with numbers and detailed information. 3. Be the leader in a group. 4. Make business contact with people. 5. Work with computer programs. 6. Create reports and communicate ideas. 7. Plan my work and follow instructions without close supervision.	1. Organized 2. Practical and logical 3. Patient 4. Tactful 5. Responsible	1. Computer Applications/Business and Information Technology 2. Accounting 3. Math 4. English 5. Economics	

BOX 5	Activities that describe what I like to do:	Personal qualities that describe me:	School subjects that I like:	Total number circled in Box 5
	1. Communicate with different types of people. 2. Help others with their homework or to learn new things. 3. Go to school. 4. Direct and plan activities for others. 5. Handle several responsibilities at once. 6. Acquire new information. 7. Help people overcome their challenges.	1. Friendly 2. Decision maker 3. Helpful 4. Innovative/Inquisitive 5. Good listener	1. Language Arts 2. Social Studies 3. Math 4. Science 5. Psychology	

BOX 6	Activities that describe what I like to do:	Personal qualities that describe me:	School subjects that I like:	Total number circled in Box 6
	1. Work with numbers. 2. Work to meet a deadline. 3. Make predictions based on existing facts. 4. Have a framework of rules by which to operate. 5. Analyze financial information and interpret it to others. 6. Handle money with accuracy and reliability. 7. Take pride in the way I dress and look.	1. Trustworthy 2. Orderly 3. Self-confident 4. Logical 5. Methodical or efficient	1. Accounting 2. Math 3. Economics 4. Banking/Financial Services 5. Business Law	

BOX 7	Activities that describe what I like to do:	Personal qualities that describe me:	School subjects that I like:	Total number circled in Box 7
	1. Be involved in politics. 2. Negotiate, defend, and debate ideas and topics. 3. Plan activities and work cooperatively with others. 4. Work with details. 5. Perform a variety of duties that may change often. 6. Analyze information and interpret it to others. 7. Travel and see things that are new to me.	1. Good communicator 2. Competitive 3. Service-minded 4. Well-organized 5. Problem solver	1. Government 2. Language Arts 3. History 4. Math 5. Foreign Language	

BOX 8	Activities that describe what I like to do:	Personal qualities that describe me:	School subjects that I like:	Total number circled in Box 8
	1. Work under pressure. 2. Help sick people and animals. 3. Make decisions based on logic and information. 4. Participate in health and science classes. 5. Respond quickly and calmly in emergencies. 6. Work as a member of a team. 7. Follow guidelines precisely and meet strict standards of accuracy.	1. Compassionate and caring 2. Good at following directions 3. Conscientious and careful 4. Patient 5. Good listener	1. Biological Sciences 2. Chemistry 3. Math 4. Occupational Health classes 5. Language Arts	

BOX 9	Activities that describe what I like to do:	Personal qualities that describe me:	School subjects that I like:	Total number circled in Box 9
	1. Investigate new places and activities. 2. Work with all ages and types of people. 3. Organize activities in which other people enjoy themselves. 4. Have a flexible schedule. 5. Help people make up their minds. 6. Communicate easily, tactfully, and courteously. 7. Learn about other cultures.	1. Tactful 2. Self-motivated 3. Works well with others 4. Outgoing 5. Slow to anger	1. Language Arts/Speech 2. Foreign Language 3. Social Sciences 4. Marketing 5. Food Services	

BOX 10	Activities that describe what I like to do:	Personal qualities that describe me:	School subjects that I like:	Total number circled in Box 10
	1. Care about people, their needs, and their problems. 2. Participate in community services and/or volunteering. 3. Listen to other people's viewpoints. 4. Help people be at their best. 5. Work with people from preschool age to old age. 6. Think of new ways to do things. 7. Make friends with different kinds of people.	1. Good communicator/good listener 2. Caring 3. Non-materialistic 4. Intuitive and logical 5. Non-judgmental	1. Language Arts 2. Psychology/ Sociology 3. Family and Consumer Sciences 4. Finance 5. Foreign Language	

BOX 11	Activities that describe what I like to do:	Personal qualities that describe me:	School subjects that I like:	Total number circled in Box 11
	1. Work with computers. 2. Reason clearly and logically to solve complex problems. 3. Use machines, techniques, and processes. 4. Read technical materials and diagrams and solve technical problems. 5. Adapt to change. 6. Play video games and figure out how they work. 7. Concentrate for long periods without being distracted.	1. Logical/analytical thinker 2. See details in the big picture 3. Persistent 4. Good concentration skills 5. Precise and accurate	1. Math 2. Science 3. Computer Tech/ Applications 4. Communications 5. Graphic Design	

BOX 12	Activities that describe what I like to do:	Personal qualities that describe me:	School subjects that I like:	Total number circled in Box 12
	1. Work under pressure or in the face of danger. 2. Make decisions based on my own observations. 3. Interact with other people. 4. Be in positions of authority. 5. Respect rules and regulations. 6. Debate and win arguments. 7. Observe and analyze people's behavior.	1. Adventurous 2. Dependable 3. Community-minded 4. Decisive 5. Optimistic	1. Language Arts 2. Psychology/Sociology 3. Government/History 4. Law Enforcement 5. First Aid/First Responder	

BOX 13	Activities that describe what I like to do:	Personal qualities that describe me:	School subjects that I like:	Total number circled in Box 13
	1. Work with my hands and learn that way. 2. Put things together. 3. Do routine, organized and accurate work. 4. Perform activities that produce tangible results. 5. Apply math to work out solutions. 6. Use hand and power tools and operate equipment/machinery. 7. Visualize objects in three dimensions from flat drawings.	1. Practical 2. Observant 3. Physically active 4. Step-by-step thinker 5. Coordinated	1. Math-Geometry 2. Chemistry 3. Trade and Industry courses 4. Physics 5. Language Arts	

BOX 14	Activities that describe what I like to do:	Personal qualities that describe me:	School subjects that I like:	Total number circled in Box 14
	1. Shop and go to the mall. 2. Be in charge. 3. Make displays and promote ideas. 4. Give presentations and enjoy public speaking. 5. Persuade people to buy products or to participate in activities. 6. Communicate my ideas to other people. 7. Take advantage of opportunities to make extra money.	1. Enthusiastic 2. Competitive 3. Creative 4. Self-motivated 5. Persuasive	1. Language Arts 2. Math 3. Business Education/ Marketing 4. Economics 5. Computer Applications	

BOX 15	Activities that describe what I like to do:	Personal qualities that describe me:	School subjects that I like:	Total number circled in Box 15
	1. Interpret formulas. 2. Find the answers to questions. 3. Work in a laboratory. 4. Figure out how things work and investigate new things. 5. Explore new technology. 6. Experiment to find the best way to do something. 7. Pay attention to details and help things be precise.	1. Detail-oriented 2. Inquisitive 3. Objective 4. Methodical 5. Mechanically inclined	1. Math 2. Science 3. Drafting/Computer-Aided Drafting 4. Electronics/Computer Networking 5. Technical Classes/ Technology Education	

BOX 16	Activities that describe what I like to do:	Personal qualities that describe me:	School subjects that I like:	Total number circled in Box 16
	1. Travel. 2. See well and have quick reflexes. 3. Solve mechanical problems. 4. Design efficient processes. 5. Anticipate needs and prepare to meet them. 6. Drive or ride. 7. Move things from one place to another.	1. Realistic 2. Mechanical 3. Coordinated 4. Observant 5. Planner	1. Math 2. Trade and Industry courses 3. Physical Sciences 4. Economics 5. Foreign Language	

Disclaimer: *Your interests may change over time. These survey results are intended to assist you with informal career exploration. Consider more formal assessments and other resources or services to help you plan your career. This survey does not make any claims of statistical reliability.*

Zachary High School

Jump Start 2.0 Graduation Pathways

For Cohort of 2024 and beyond

Updated 11/2025

Universal Jump Start Classes			
Quest for Success**	IBCA	First Responder	Technical Math
Agriscience I**	NCCER Core	Entrepreneurship	Law Studies
Medical Occupations**	Customer Service	Speech I	Foreign Language #1
JROTC III	Personal Finance	CTE Internship	Foreign Language #2
JROTC IV	Principles of Business		

**Career course – must take at least 1

Pathway	Courses specific to a Pathway	Credentials

Agriculture, Food, & Natural Resources	• **Agriscience I, II, & III**
	• Ag Leadership
	• AWS Welding I, II, & III
	• Chemistry
	• Environmental Science & AP
	• Human Geography AP
	• NCCER Core
	• Nutrition & Food/Adv Nut & Food
	• Intro to Computational Thinking
	• Intro to Engineering Design
	• Principles of Engineering
		• **LA Agritechnology Exam*****
		
		• **Careers:**
		  • Wildlife/Environmental Management
		  • Horticulture Science
		  • Food/Animal Science
		  • Forestry Conservation
		  • Farm Laborer/Manager

Manufacturing	• **AWS Welding I, II, & III**
	• **Electrical I**
	• **Entrepreneurship**
	• Agriscience I, II & III
	• Ag Leadership
	• Chemistry
	• Physics
	• Environmental Science & AP
	• Intro to Computational Thinking
	• Intro to Engineering Design
	• Principles of Engineering
	• Engineering Design & Development
	• Robotics
	• Advanced Robotics
		• **AWS Welding Level I,II, or III*****
		• **Electrical Training Alliance Levels 1-3*****
		• **Micro-Enterprise—State*****
		• OSHA-10
		
		• **Careers:**
		  • Architect
		  • Engineer
		  • Construction Management
		  • Heavy Equipment Operator
		  • Instrument Technician
		  • Carpenter
		  • Electrician
		  • Welder

Human Services	• **First Responder**
	• Child Development
	• Customer Service
	• JROTC III & IV
	• Law Studies
	• Psychology AP
	• Keyboarding
	• Intro to Computational Thinking
	• Publications I & II (Newspaper)
	• Publications I & II (Yearbook)
	• Chemistry – Honors only
	• Digital Storytelling
		• **Emergency Medical Responder*****
		• **Business of Retail*****
		• Customer Service
		
		• **Careers:**
		  • Lawyer
		  • Teacher
		  • Criminal Investigator
		  • Police Officer
		  • Paralegal
		  • Correctional Officer
		  • Firefighter
		  • Daycare Instructor

Business Management & Administration	• **Entreprepeneurship**
	• **Digital Media II & III**
	• **Customer Service**
	• Agriscience I, II, & III
	• Media Arts I - IV
	• Web Design
	• Keyboarding
	• Medical Terminology
	• Nutrition & Food/Adv Nut & Food
	• Publications I & II (Newspaper)
	• Publications I & II (Yearbook)
	• Intro to Computational Thinking
	• Digital Storytelling
		• **Micro-Enterprise—State*****
		• **Business of Retail*****
		• **Adobe Certified Associate*****
		  • Photoshop
		  • InDesign
		  • Illustrator
		  • Dreamweaver
		  • Animate
		  • Premier Pro
		  • After Effects
		• Customer Service
		• Micro-Enterprise—Regional
		• MOS Word, PowerPoint, AND Excel
		
		• **Careers:**
		  • Graphic Designer
		  • Film & Video Editor
		  • Computer Animator
		  • Videographer
		  • Photographer
		  • Audio/Video Technician

Health Sciences
 	
OR
 	
Law, Public Safety, Corrections & Security
	• **Medical Assistant**
	• **First Responder**
	• **FireFighter I**
	• Anatomy & Physiology
	• Biology II AP
	• Chemistry
	• Chemistry II AP
	• Environmental Science & AP
	• Psychology AP
	• FACS I
	• Child Development
	• Nutrition & Food/Adv Nut & Food
	• Digital Media II & III
	• Keyboarding
	• Medical Terminology
	• Sports Medicine I/II & III
	• AHEC of a Summer Career Expl (1/2 credit)
		• **Certified Clinical Medical Assistant*****
		• **Emergency Medical Responder*****
		• **IFSAC FireFighter I*****
		
		• **Careers:**
		  • Doctor
		  • Registered Nurse or LPN
		  • Dentist
		  • Pharmacist
		  • Paramedic
		  • Pharmacy Technician
		  • Medical Assistant
		  • Dental Assistant
		  • Nursing Assistant

Hospitality & Tourism	• **Entrepreneurship**
	• Customer Service
	• Nutrition & Food/Adv Nut & Food
	• Chemistry
	• Chemistry II AP
	• Environmental Science & AP
	• Psychology AP
	• Keyboarding
	• FACS I & II
	• Digital Media II & III
	• Publications I & II (Newspaper)
	• Publications I & II (Yearbook)
	• Intro to Computational Thinking
	• Digital Storytelling
	• Web Design
		• **Micro-Enterprise—State*****
		• **Business of Retail*****
		• Certified Guest Room Attendant
		• Certified Guest Service Professional
		• Customer Service
		• Micro-Enterprise—Regional
		• ServSafe Food Handler
		
		• **Careers:**
		  • Restaurant Manager
		  • Hotel Manager
		  • Chef
		  • Prep Cook
		  • Food Research Scientist
		  • Front Desk clerk

Arts, Audio/Video Technology, & Communication	• **Digital Media II & III**
	• Art I – IV
	• Talented Art I - IV
	• AP Studio Art 2D
	• Media Arts I – IV
	• Photography I
	• Web Design
	• Fine Arts Survey
	• Principles of 3D Design (Ceramics)
	• Keyboarding
	• Beginning Choir
	• Bronco Beat
	• Beginning Band
	• Intermediate Band
	• Advanced Band
	• Percussion I
	• Advanced Orchestra
	• Publications I & II (Newspaper)
	• Publications I & II (Yearbook)
	• TV Production I & II (WZHS)
	• Theater I - IV
	• Tech Theater I - II
	• Intro to Computational Thinking
	• Digital Storytelling
	• Video Game Design
	• Computer Architecture II & III
		• **Adobe Certified Associate*****
		  • Photoshop
		  • InDesign
		  • Illustrator
		  • Dreamweaver
		  • Flash
		  • Animate
		  • Premier Pro
		  • After Effects
		• **Careers:**
		  • Graphic Designer
		  • Film & Video Editor
		  • Computer Animator
		  • Videographer
		  • Photographer
		  • Audio/Video Technician

Information Technology	• **Digital Media II & III**
	• **Computer Architecture I – III**
	• Media Arts I – IV
	• TV Production I – IV (WZHS)
	• Web Design
	• Keyboarding
	• Physics
	• Intro to Computational Thinking
	• Digital Storytelling
	• Intro to Engineering Design
	• Principles of Engineering
	• Robotics
	• Advanced Robotics
		• **Adobe Certified Associate*****
		  • Photoshop
		  • InDesign
		  • Illustrator
		  • Dreamweaver
		  • Animate
		  • Premier Pro
		  • After Effects
		• **CompTIA*****
		  • IT Fundamentals+
		  • Network+
		  • A+
		  • Security+
		• MOS Word, PowerPoint, AND Excel
		• **Careers:**
		  • IT Specialist
		  • Software Engineer
		  • Cyber Security Analyst
		  • Computer Programmer
		  • Robotics Specialist
		  • Data Entry Specialist

Standard, Honors, Dual Enrollment, and AP Course Comparison

Standard Course	Honors-level Courses	DE & AP Courses

• Counts as high school credit.
• 4 Quality Points
• Standard grading scale
  • A = 100 – 90
  • B = 89 – 80
  • C = 79 – 70
  • D = 69 – 60
  • F = 59 – 0
	• Counts as high school credit.
	• 2022-23 school year and before: 4.5 scale
	• 2023-24 school year and after, 5.0 scale
	• Standard grading scale
	  • A = 100 – 90
	  • B = 89 – 80
	  • C = 79 – 70
	  • D = 69 – 60
	  • F = 59 – 0
		• Counts as high school credit and equates to a first-year college-level course.
		• 5.0 Quality Points
		• Standard grading scale
		  • A = 100 – 90
		  • B = 89 – 80
		  • C = 79 – 70
		  • D = 69 – 60
		  • F = 59 – 0
		• For Advanced Placement classes, students will take the AP exam at the end of the course, which may enable the student to earn college credit.
		• For DE classes, if a C or higher is earned in the course, then college credit is awarded.

• Covers minimum curriculum standards.	• Covers the same curriculum as standard courses, but is tailored for high-achieving students. • Covers additional topics and covers some topics in greater depth. • Requires more critical thinking skills and the ability to apply knowledge of the material learned.	• Course curriculum is developed by a College Board committee or the university/college; covers the information, skills, and assignments found in the corresponding college course. • Students are consistently held to standards that go beyond minimal expectations, as a way to prepare students for real-world demands and those in a collegiate setting.
• Taught in a traditional manner; primarily direct instruction by the teacher. • Students are provided a high school textbook and supplemental readings.	• Taught in a traditional manner; primarily direct instruction, but moves at a faster pace, so more material is typically covered and in greater depth. • Requires some independent learning and work on the student's part. • Students are expected to be able to read and write at an advanced level.	• Taught in a manner similar to that of a college course. The teacher's role is primarily the facilitator of learning. • Requires more independent learning and work on the student's part. • Students are generally self-motivated. • The focus is not on memorizing facts and figures; instead, students are expected to engage in

	• Students are provided a high school textbook and supplemental readings.	intense discussions, solve problems collaboratively, and write clearly and persuasively. • Students are provided a college-level textbook and supplemental readings.
Standard Course	**Honors-level Courses**	**DE & AP Courses**
• Allows the student to demonstrate basic knowledge of course material.	• Has been shown to improve students' ACT and LEAP 2025 scores by increasing content knowledge.	• Has been shown to improve students' ACT and LEAP 2025 scores by increasing content knowledge. • Helps sharpen writing skills, problem-solving abilities, and study habits, which are vital to success in college. • Research shows that AP and DE students are more likely to graduate from college in four years or less.
• Homework is assigned regularly and is typically collected for a grade. • Students complete homework generally in order to maintain a grade, in addition to reinforcing information covered in class.	• Homework is assigned, but not all may be graded or collected. • May have fewer grades per grading period, meaning that content assessments make up the majority of a student's grade. • The purpose of homework is to reinforce classroom activities and fill gaps in knowledge. • Students may be tested on information not specifically.covered during class time, but included in assigned readings.	• Homework is assigned, but not all may be collected or graded. • May have fewer grades per grading period, meaning that content assessments make up the majority of a student's grade. • The purpose of homework is to reinforce classroom activities and fill gaps in knowledge. • Students may be tested on information not specifically covered during class time, but included in assigned readings.

Scheduling Information

- Your selections determine what courses will be offered to students in the master schedule.
- Students are expected to select classes carefully and to maintain a firm commitment to continue enrollment in their classes for the full year, including seniors.
- Course changes will not be made to accommodate extra-curricular schedules, personal preferences, teacher preferences, period preferences, or work schedules.
- Seniors: Online courses must be completed prior to August of your Senior year. Do not wait until your Senior year to take these courses online. If there is room in your Senior schedule, then students will be scheduled for the in-person course rather than online.

Withdrawal from Honors and/or Advanced Placement courses:

- Students with a C or higher in the class are expected to remain in the class for the full school year.
- Students with a D or F at the end of the first semester must have an administrator's approval to withdraw from the course.

Grade level classification:

- The Carnegie Unit is the basis for determining the grade level in high school. A student's grade level at the beginning of the school year is determined by the number of units the student has earned, as indicated below. Credit for high school courses taken in middle school will count toward units earned, but the quality points for those classes will not be used in determining the high school grade point average.
    - 9^{th} grade – 0.0 – 5.5 units
    - 10^{th} grade – 6.0 – 11.5 units
    - 11^{th} grade – 12.0 – 16.5 units
    - 12^{th} grade – 17.0 + units

TOPS Scholarships

	Minimum ACT Score	Minimum TOPS Core GPA **GPAs are not rounded
TOPS University	20	2.50
TOPS Tech	17 or Silver on ACT WorkKeys	2.50

Course Descriptions

ENGLISH & LANGUAGE ARTS

ENGLISH I (1.0 credit) 120331

This course is designed to help students increase and refine their reading, writing, speaking, and listening skills. Students read a wide variety of literary and informational texts, using a wide variety of literacy strategies. Students learn to write competently in response to texts for a variety of purposes and audiences. The curriculum places heavy emphasis on Louisiana Student Standards for ELA at this grade level, as well as national College and Career Readiness Standards (assessed by ACT). Special emphasis is placed on literary analysis and narrative writing. LEAP 2025 exam is required by the state.

Prerequisite(s): None

ENGLISH I, Honors (1.0 credit) 120331

This Pre-Advanced Placement level course is designed to help students increase and refine their reading, writing, and listening skills. To be successful, students will read, comprehend, and respond to a wide range of materials using a variety of strategies for different purposes. The students will write competently for a variety of purposes and audiences and use correct English grammar both in speech and written form. In addition, the curriculum places heavy emphasis on Louisiana Student Standards for ELA at this grade level, as well as national College and Career Readiness Standards (assessed by ACT). The course foments higher order thinking skills and emphasizes both literary and rhetorical analysis skills that students will need when entering Advanced Placement courses as upperclassmen. LEAP 2025 exam is required by the state.

Prerequisite(s): Cumulative grades in 7th and 8th grade English and standardized test scores will be used to identify qualifying students

ENGLISH I, Gifted (1.0 credit) 120331

English I Gifted is designed to sharpen reading comprehension, written and verbal communication, and critical thinking skills. In addition to the 9th grade ELA curriculum, English I for gifted learners uses the broad topic of human experience as a unifying device to organize content for differentiation and rigor. The course is divided into five units, each of which focuses on reading, writing, and language. Students will also investigate and analyze how reading, writing, and language have historically reflected and contributed to understandings of culture, community, self, and society. Students will read, analyze, and compose a range of texts in order to improve their individual depth and breadth of knowledge and skill in the ELA discipline. Texts have been selected from classic canons, as well as the Advanced Placement and LA State Standards recommended reading lists. LEAP 2025 exam is required by the state.

Prerequisite(s): Cumulative grades in 7th and 8th grade English; Student must be formally screened and identified as needing Gifted/Talented services

ENGLISH II (1.0 credit) 120332

This course focuses on various genres of literature—the short story, nonfiction, poetry, drama, the novel, and writing. As students encounter these literary forms, they begin to understand story elements and literary devices associated with selections being read. Students interpret the possible influences of the historical context on a literary work. The curriculum places heavy emphasis on Louisiana Student Standards for ELA at this grade level, as well as national College and Career Readiness Standards (assessed by ACT). Special emphasis is placed on literary analysis and narrative writing. Students will plan, draft, and complete written compositions on a regular basis. English II expounds upon the 6+1 traits of writing and focuses on clarity, engaging language, and the correct use of the conventions and mechanics of written English. LEAP 2025 exam is required by the state.

Prerequisite(s): English I

ENGLISH II, Honors (1.0 credit) 120332

This Pre-Advanced Placement level course is an accelerated course that focuses on applying a variety of in-depth reading and comprehension strategies to analyze theme across the various genres of literature, including the short story, nonfiction, poetry, and novels. Students are expected to think critically in order to provide responses to texts supported by evidence from the texts. Students must also identify and interpret the effects of literary elements and devices while incorporating these devices into their own written work and group projects. This course focuses on writing as a pathway towards insight, reflection, and analysis. All activities are based on authentic purposes for oral and written communication and require the application of critical literacy skills and a variety of literacy strategies. Grammar, usage, and mechanics instruction also occurs within the context of the literary selections. LEAP 2025 exam is required by the state.

Prerequisite(s): A or B in English I and/or teacher recommendation; standardized test scores

ENGLISH II, Gifted (1.0 credit) 120332

English II prepares students to become critical readers and thoughtful writers through the study of various genres of literature, including short stories, essays, poetry, and novels. This course also takes the broad topic of "Shifting Perspectives" as a unifying device to organize supplementary content for differentiation and acceleration. Divided into five units, each with an emphasis on literary analysis, research, and writing, the course will interrogate the ways in which literature and language have drawn on and contributed to changes in theoretical, scholarly, and popular thought. Students will develop a breadth and depth of ELA knowledge as they read from the rich cannon of world literature. Texts are selected from the Advanced Placement and the LA State Standards recommended reading lists. Composition assignments are chosen to give students an opportunity to demonstrate critical thinking skills and participate in real-world conversations as young professionals. LEAP 2025 exam is required by the state.

Prerequisite(s): A or B in English I and/or teacher recommendation; Student must be formally screened and identified as needing Gifted/Talented services

BUSINESS ENGLISH (1.0 credit) 120336

This course is designed for juniors who wish to pursue a curriculum which encompasses the study of life skills. Students will study common business applications, such as the reading and writing of letters, emails, brochures, articles, books, and reports. Students will develop skills in the practical principles of grammar, punctuation, and vocabulary needed in the business world.

*Prerequisite(s): English II; Open to 11th grade students on the **Jump Start** pathway*

ENGLISH III: American Literature (1.0 credit) 120333

This course focuses on the analysis of multiple genres of literature presented in the historical context of seven major time periods of the United States, from its earliest stages of development to modern times. Students are expected to analyze a wide variety of literary and informational texts, making cross-textual connections with selections outside the era of focus. Students are required to implement a variety of reading and comprehension strategies, to write responses of varying lengths for a variety of purposes, to enhance vocabulary acquisition in isolation and in the context of literature, to refine basic grammar and usage skills, and to hone public speaking and presentation skills. In addition, the curriculum places heavy emphasis on mastery of LA State Standards for ELA at the 11-12 grade level, as well as national College and Career Readiness Standards (assessed by ACT).

Prerequisite(s): English II

ENGLISH III, Honors (1.0 credit) 120341

Like the standard English III course, this course focuses on the analysis of multiple genres of literature presented in the historical context of seven major time periods of the United States, from its earliest stages of development to modern times. Students are required to implement a variety of reading and comprehension strategies, to write responses of varying lengths for a variety of purposes, to enhance vocabulary acquisition in isolation and in the context of literature, to refine basic grammar and usage skills, and to hone public speaking and presentation skills. However, students in this accelerated class are required to function at a much higher level of performance. Heightened critical analysis skills are essential for outside reading assignments, multi-modal assessments, and more stringent writing criteria.

Prerequisite(s): A or B in English II and/or teacher recommendation; standardized test scores

ENGLISH III, Advanced Placement (1.0 credit) Fee: $99 AP exam fee (Due 10/23/26) 120325

This course has a dual focus: preparing for the AP English Language and Composition exam and exploring American Literature from the 17th century until the present. In keeping with the College Board's *AP English Course Description*, our focus will be on rhetoric: the art of analyzing, deconstructing, constructing, and presenting arguments in speech and in writing. Our readings will include essays, novels, speeches, poems, and personal narratives. As part of common assessment for all high school juniors, the curriculum places significant emphasis on national College and Career Readiness Standards (assessed by ACT). Students are expected to take the AP English Language and Composition exam to earn advanced college credit.

Prerequisite(s): English II

ENGLISH III, Advanced Placement & Gifted (1.0 credit) Fee: $99 AP exam fee (Due 10/23/26) 120325

This course is a college-level course that introduces students to a wide range of expository prose in order to broaden their scope of rhetorical ideas and deepen their awareness of the power of language, while also exploring the major literary movements and authors in American literature from the 17th century to the present. In keeping with the College Board's AP English Course Description, the predominant focus will be on rhetoric: the art of analyzing, deconstructing, constructing, and presenting arguments in speech and writing. The course is designed to meet the rigorous requirements of a college level writing class, and students will write extensively in a variety of modes for a variety of audiences, developing a sense of personal style and an ability to analyze and articulate how the resources of language operate in any given text. The curriculum also places significant emphasis on national College and Career Readiness Standards (assessed by the ACT). Students are expected to take the AP English Language and Composition exam in May.

Prerequisite(s): English II; A student must be formally screened and identified as needing Gifted/Talented services

TECHNICAL WRITING (1.0 credit) 120350

This course is designed for seniors who wish to pursue a curriculum which encompasses the study of life skills. Students are presented with meaningful vocabulary, as well as insight into time management and financial tactics. In the second semester of the course, students will encounter the study of transcendentalism and a further study of English grammar.

*Prerequisite(s): English III or Business English; Open to 12th grade students on the **Jump Start** pathway*

ENGLISH IV: British and World Literature (1.0 credit) 120334

This course is a survey course of British Literature that provides a broad overview of literary and cultural development from the Anglo-Saxon period through the twentieth century. English IV students will read extensively from multiple genres of literature of major writers. Concepts covered in this course include proficiency in producing writing specific to audience and purpose; developing communication skills; disseminating and synthesizing print, non-print, and technological sources; completing oral and written presentations; and sustaining mastery of grammar, mechanics, and usage of standard English in both written and oral form.

Prerequisite(s): English III

ENGLISH IV, Advanced Placement (1.0 credit) Fee: $99 AP exam fee (Due 10/23/26) 120326

The English IV AP class prepares students for the Advanced Placement English Literature and Composition Exam that takes place at the end of the year and qualifies students who earn a passing score for college credit. This course focuses on how to read and write about literature analytically and is considered to be a college-level English course; however, the student does not need to be college-ready at the beginning of the year. Students will be taught the necessary reading, writing, and test-taking skills early in the semester with ongoing, guided reinforcement throughout the year. Students are expected to take the AP exam in May.

Prerequisite(s): English III

ENGLISH III, Dual Enrollment (CENL 1013 English Composition I (Fall)) (1.0 credit) 120601

Can be paired with **ENGLISH IV, Dual Enrollment (CENL 1023 English Composition II)** – see below

See the course description on page 57

ENGLISH IV, Dual Enrollment (CENL 1013 English Composition I (Fall)) (1.0 credit) 120606
ENGLISH IV, Dual Enrollment (CENL 1023 English Composition II (Spring)) (1.0 credit) 120607

See the course description on page 57

ENGLISH, Introduction to Fiction, Dual Enrollment (Fall) 120614
ENGLISH, Introduction to Poetry, Dual Enrollment (Spring) 120616

See the course description on page 58

MATHEMATICS

ALGEBRA I (1.0 credit) 160321

This course focuses on developing a rich understanding of fundamental algebraic ideas in realistic settings. Students should have competence in basic numerical operations. Students explore data, the patterns formed by data, and the mathematical relations and functions that represent data. Topics studied include ratio, proportional reasoning, estimation, exponents and radicals, the rectangular coordinate system, first degree equations and inequalities, variables, operations and properties of real numbers, equivalent expressions and equations solving and graphing linear equations and inequalities; linear systems. Special emphasis is placed on developing an understanding of functions. Applications, geometry & statistics are used to develop the algebra of linear equations and inequalities; matrices and probability concepts are studied in conjunction with algebraic fractions. LEAP 2025 exam is required by the state.

Prerequisite(s): None

ALGEBRA I, Honors (1.0 credit) 160321

This is an accelerated course in Algebra I. Topics studied include ratio, proportional reasoning, exponents and radicals, the rectangular coordinate system, first degree equations and inequalities, variables, operations and properties of real numbers, equivalent expressions and equations solving and graphing linear equations and inequalities, and linear systems. Special emphasis is placed on developing an understanding of functions. Applications, geometry & statistics are used to develop the algebra of linear equations and inequalities; matrices and probability concepts are studied in conjunction with algebraic fractions. LEAP 2025 exam is required by the state.

Prerequisite(s): Cumulative grades in 7th and 8th grade math courses and standardized test scores will be used to identify qualifying students

GEOMETRY (1.0 credit) 160323

Geometry focuses on the study of visual concepts. Students utilize inductive reasoning to discover patterns and make conjectures; students employ deductive reasoning to confirm conjectures through proof. Topics include measurement formulas; geometric and spatial visualization; drawing skills; properties of congruence, similarity, parallelism, and perpendicularity; different methods of proof; properties of plane and solid figures; and different approaches to geometry, such as transformational, synthetic, coordinate, and vector approaches. Geometry provides unifying concepts that are used throughout high school mathematics. LEAP 2025 exam is required by the state.

Prerequisite(s): Algebra I

GEOMETRY, Honors (1.0 credit) 160323

This is an accelerated course in Geometry which focuses on the study of visual concepts. Students utilize inductive reasoning to discover patterns and make conjectures; students employ deductive reasoning to confirm conjectures through proof. Topics include measurement formulas; geometric and spatial visualization; drawing skills; properties of congruence, similarity, parallelism, and perpendicularity; different methods of proof; properties of plane and solid figures; and different approaches to geometry, such as transformational, synthetic, coordinate, and vector approaches. Geometry provides unifying concepts that are used throughout high school mathematics. LEAP 2025 exam is required by the state.

Prerequisite(s): A or B in Algebra I and/or teacher recommendation; standardized test scores

MATH ESSENTIALS (1.0 credit) 160351

In this course, students will extend their knowledge of topics covered in Algebra I and Geometry (or Business Math). Course topics include ratio and proportion, probability, statistics, geometry visualization, linear functions, stepwise, piecewise, absolute value functions, and quadratic functions.

*Prerequisite(s): Algebra I and Geometry/Business Math; Recommended for students on the **Jump Start** pathway*

ALGEBRA II (1.0 credit) 160322

This course provides an avenue for sharpening the understanding of algebraic concepts introduced in Algebra I and geometry and for extending the use of functions as models for real-world situations. Topics include the algebraic study of variables, linear, quadratic functions, quadratics, complex numbers, absolute value systems of linear equations in application, quadratic equations and inequalities, polynomials, factoring, rational and radical expressions, and graphing equations on a number line as well as on a coordinate system. Students explore algebraic expressions, linear, quadratics, powers (polynomials) and roots, and exponential functions.

Prerequisite(s): Geometry; May be taken concurrently with Geometry only with administrative approval

ALGEBRA II, Honors (1.0 credit) 160322

This is an accelerated course in Algebra II. Some conic sections are introduced as well as logarithms in addition to what is covered in the regular Algebra II class.

Prerequisite(s): A or B in Geometry and/or teacher recommendation; May be taken concurrently with Geometry only with administrative approval; standardized test scores

FINANCIAL LITERACY (1.0 credit) 160345

Students will turn mathematical concepts into concrete applications. Students will apply mathematics to concepts of personal finance such as gross pay, net pay, checking and savings accounts, cash and credit purchases, investing and insurance.

*Prerequisite(s): Recommended for students on the **Jump Start** pathway; required for students in Cohort of 2028 and after*

ALGEBRA III (1.0 credit) 160375

This course is meant to prepare students for higher level math courses such as College Algebra. It will review many of the concepts from Algebra II while working to build strong thinking and reasoning skills which are necessary to survival, not only in college, but also in most careers, while focusing on work with many types of functions such as polynomial, rational, radical, exponential, and logarithmic. Modeling real-life problems and fitting data to those models will be an integral component of this course.

Prerequisite(s): Algebra II

PRE-CALCULUS (1.0 credit) 160348

This course is a college preparatory course that covers pre-calculus topics, emphasizing in-depth study of trigonometry, coordinate geometry, number theory and functions, including polynomial, rational, exponential, and logarithmic functions.

Prerequisite(s): A, B, or C in Algebra II

PRE-CALCULUS, Honors (1.0 credit) 160366

This is an accelerated course for college-bound students who do not opt for the Adv Math DE course but still want the challenge of an honors course. This course covers pre-calculus topics, emphasizing in-depth study of trigonometry, coordinate geometry, number theory and functions, including polynomial, rational, exponential and logarithmic functions, but at a more challenging level & pace.

Prerequisite(s): A or B in Algebra II and/or teacher recommendation; standardized test scores

PROBABILITY & STATISTICS, Advanced Placement (1.0 credit) Fee: $99 AP exam fee (Due 10/23/26) 160352
This course covers fundamental and advanced topics including the counting principle, probability distribution, and statistical analysis of data. Both descriptive and inferential statistics are covered. This high school course is designed for students who can move at a faster pace and tackle more complex problems. This course prepares students for the Advanced Placement exam and possible advanced placement in college math courses. This course can count for one of the four required math courses.

Prerequisite: None but recommended for students who have completed Geometry; Can be taken in conjunction with Algebra II or higher.

CALCULUS AB, Advanced Placement (1.0 credit) Fee: $99 AP exam fee (Due 10/23/26) 160327
Topics include properties of functions, limits of functions, continuity, differentiation, applications of differentiation, integration, applications of integration, differential equations, inverse trigonometric functions, and integration techniques. This high school course covers topics from the first semester college calculus course but is taught over a full year. This course is recommended for students intending to major in STEM careers (engineering, computers, mathematics, and some medical careers) and will prepare students for the Advanced Placement exam and possible advanced placement in college math courses.

Prerequisite(s): Pre-Calculus, College Algebra DE, or Trigonometry DE

CALCULUS BC, Advanced Placement (1.0 credit) Fee: $99 AP exam fee (Due 10/23/26) 160328
This high school course covers topics from both the first and second semesters of college calculus. It is taught at a regular college pace. Topics include properties of functions, limits of functions, differentiation and their applications, integration and their applications, differential equations, inverse trigonometric function, and integration techniques. Calculus BC will include a more in-depth study of limits, derivatives, differential equations, and infinite series. It will also include the study of parametric equations, polar coordinates, and infinite sequences. This course assists students in preparing for the AP exam and possible advanced placement in college math courses.

Prerequisite(s): Calculus AB (AP) or Pre-Calculus, College Algebra DE, or Trigonometry DE with teacher recommendation

AP COMPUTER SCIENCE A, Advanced Placement (1.0 credit) Fee: $99 AP exam fee (Due 10/23/26) 061175
This course introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using Java programming language. This course prepares students for the Advanced Placement exam and possible advanced placement in college computer science courses. This course can count for one of the four required math courses.

Prerequisites: Algebra I and Geometry; Can be taken in conjunction with Algebra II or higher.

COLLEGE ALGEBRA, Dual Enrollment (Fall) (CMAT 1213) (1.0 credit) 160500
See the course description on page 58

TRIGONOMETRY, Dual Enrollment (Spring) (CMAT 1223) (1.0 credit) 160501
See the course description on page 58

DIFFERENTIAL CALCULUS - MATH 1530 (Fall) (CMAT 2113) (1.0 credit) 160498
See the course description on page 58

INTEGRAL CALCULUS - MATH 1540 (Spring) (CMAT 2116) (1.0 credit) 160499
See the course description on page 58

SCIENCE

PHYSICAL SCIENCE (1.0 credit) 150802
This is an introductory science course and is the basis for further study of physics, chemistry, biology, earth science, and other sciences. This course involves the investigation of forces, motion, work and energy, the structure and properties of matter, chemical reactions in a laboratory setting, and the interrelationship of matter and energy in the physical world. Students will be writing hypotheses and procedures for experiments and learning to analyze their results to gather evidence for conclusions. Mathematical skills through pre-algebra are used in problem solving. Moderate workload can be expected through projects/assignments requiring out of class effort.

Prerequisite(s): None

PHYSICAL SCIENCE, Honors (1.0 credit) 150802

This is an accelerated Physical Science course. In addition to the topics listed above, students will need math skills beyond pre-algebra. Students will move at an accelerated pace and will do more research, projects, and inquiry labs in addition to the academic course work.

Prerequisite(s): Cumulative grades in 7th and 8th grade science courses and standardized test scores will be used to identify qualifying students; students must also be enrolled in an Honors math course

ENVIRONMENTAL SCIENCE, Advanced Placement (1.0 credit) Fee: $99 AP exam fee (Due 10/23/26) 150311

This course is a college-level Science course designed for the more advanced freshman who wants to maximize his/her potential. It will engage students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science AP is interdisciplinary, embracing topics from geology, life science, environmental studies, and geography. Students are expected to take the AP Environmental Science test in May.

Prerequisite(s): None

BIOLOGY I (1.0 credit) 150301

Students explore topics in cells, molecular basis of heredity, biological evolution, body systems, behavior of organisms, matter and energy relationships, organization of living systems, personal and community health, and ecology. Students will formulate valid hypotheses, design simple experiments, draw conclusions, develop inferences which they will apply to new situations, and will apply scientific principles to everyday life. This course includes laboratory activities and dissections, which are vital to the course work. Students will need good study skills as Biology is full of new terminology and concepts. Some math skills are required for genetics and lab activities.

Prerequisite(s): Physical Science or Environmental Science AP

BIOLOGY I, Honors (1.0 credit) 150301

This is an advanced course in Biology I and is considered to be the pre-AP Biology course. Students will move at an accelerated pace and will do more research, assignments, and projects in addition outside of class than the regular Biology I classes. Topics include cells, molecular basis of heredity, biological evolution, body systems, behavior of organisms, matter and energy relationships, organization of living systems, personal and community health, and ecology. Students will formulate valid hypotheses, design simple experiments, draw conclusions, develop inferences which they will apply to new situations, and will apply scientific principles to everyday life. This course includes laboratory activities and dissections. Students will need excellent study skills as Honors Biology is full of new terminology and concepts and moves at a rapid rate. Some math skills are required for genetics and lab activities.

Prerequisite(s): A or B in Physical Science or Environmental Science AP and/or teacher recommendation

BIOLOGY II, Advanced Placement (1.0 credit) Fee: $99 AP exam fee (Due 10/23/26) 150307

The course is a college level Biology course that will examine the 4 Big Ideas of Biology, which are: evolution drives the diversity and unity of life; biological systems use energy and molecular building blocks to grow, reproduce, and to maintain homeostasis; living systems store, retrieve, transmit, and respond to information essential to life processes; and biological systems interact and these systems and their interactions possess complex properties. Topics covered: Chemistry of Life, Cells, Cellular Energetics, Heredity and Molecular Genetics, Mechanisms of Evolution and Diversity, Structure and Function of Plants and Animals, and Ecology. The AP curriculum requires that 25% of the course be lab work and students will have to design labs, collect data and analyze results in written lab reports. Student lab work will include bacterial transformation, DNA fingerprinting, genetics experiments with plants or fruit flies, and dissections of mammalian organs and a fetal pig. Students are expected to take the AP Biology test in May. Students must be independent learners and have excellent study skills. The course will provide a good introduction for students interested in health-related careers.

Prerequisite(s): Biology I

ANATOMY & PHYSIOLOGY (1.0 credit) 150334

This is a college level course. A holistic approach is utilized in the study of the human body, its functions and pathologies with the goal of preparing students for a university program in the medical sciences. This course will review human structural and functional organization at microscopic and macroscopic levels. Units will include the study of the following body systems: integumentary, muscular-skeletal, circulatory, nervous, reproductive, lymphatic, pulmonary, and digestive. A brief survey of human genetics, heredity, evolution, and psychology, and advances in medical technology will also be included. The dissection of the cat will be used as an anatomical comparison of the human body. As in all science courses, students will develop critical thinking skills and become fluent in the scientific method. It is recommended that students have taken AP Biology or Chemistry prior to enrolling.

Prerequisite(s): A or B in Biology I, AP Biology, or Chemistry and/or teacher recommendation

EARTH SCIENCE (1.0 credit) 150901

This course is the study of the Earth, its structure, composition, environment, and place in the universe. The four major specialties within Earth Science are astronomy, geology, meteorology, and hydrology/oceanography. This course requires basic knowledge of Chemistry.

Prerequisite(s): None, but Chemistry is recommended

ENVIRONMENTAL SCIENCE (1.0 credit) 150310

This is a survey course including the study of ecological concepts and environmental issues with emphasis on student interpersonal skills, writing skills, and alternative assessments of student performances. This course strengthens knowledge in core topics that will produce a more informed, scientifically literate citizen.

Prerequisite(s): None

CHEMISTRY I (1.0 credit) 150401

This is a college prep course focusing on the study of descriptive and theoretical concepts of matter. Emphasis placed on solving problems and experiments that yield data for analyzing and interpreting by students. This course will require extensive independent work/ study outside of class on a nightly basis.

Prerequisite(s): Biology, Algebra II or concurrent enrollment in Algebra II

CHEMISTRY I, Honors (1.0 credit) 150400

Faster paced, more detailed study of descriptive and theoretical concepts of matter. Emphasis is on experimentation. This course will require extensive independent work/study outside of class on a nightly basis. This is a college prep class.

Prerequisite(s): A or B in Biology and/or teacher recommendation; Concurrent enrollment in Algebra II

CHEMISTRY II, Advanced Placement (1.0 credit) Fee: $99 AP exam fee (Due 10/23/26) 150410

Chemistry II continues work with basic chemistry concepts, plus college level (advanced) concepts. This course emphasizes individual thinking and problem solving. This is a college level class and requires additional time outside of class in order to master concepts. Student should expect extensive time out of class working with this subject. There is a heavy math component including an emphasis on stoichiometry, so students should be comfortable with algebra skills through Algebra II and with stoichiometric relationships learned in Chemistry I. Students are expected to take the AP Chemistry II test in May.

Prerequisite(s): Chemistry I; Algebra II is also recommended

PHYSICS (1.0 credit) 150000

This course is a study of motion (including linear motion and projectile motion) through algebra-based mathematical modeling. It is accomplished through the application of mathematical tools (like vectors) and several classical principles of physics, such as Newton's Laws of Motion, Conservation of Energy, Conservation of Momentum, work and Energy, and Waves. There are many lab activities and projects throughout the year.

Prerequisite(s): Algebra II or concurrent enrollment in Algebra II

PHYSICS I, Advanced Placement (1.0 credit) Fee: $99 AP exam fee (Due 10/23/26) 150724

This is a college level Algebra-based Physics course. It covers Kinematics and Graphing, Newton's Laws and Dynamics, Work, Energy and Energy Conservation, Momentum and Momentum Conservation, Rotational Motion and Conservation of Angular Momentum, Universal Gravitation and Circular Motion, Waves and Sound, Basic Electrostatics and Basic Circuit Electricity. 25 % of the course must be lab work. Each lab requires extensive lab reports that show and analyze data and draw conclusions based on that data. This course is challenging on a level that requires extreme extra work/study outside of class. Student should expect extensive time out of class working with this subject. Students will also have outside class projects and review sessions. Students are expected to take the AP Physics I test in May.

Prerequisite(s): Algebra II; student needs a very strong background in math

GENERAL BIOLOGY I, Science Majors, Dual Enrollment (CBIO 1033 General Biology I) 150324

See the course description on page 59

GENERAL BIOLOGY II, Science Majors, Dual Enrollment (CBIO 1043 General Biology II) 150326

See the course description on page 59

GENERAL CHEMISTRY I, Science Majors, Dual Enrollment (CCEM 1123 Chemistry I) 150420

See the course description on page 59

GENERAL CHEMISTRY II, Science Majors, Dual Enrollment (CCEM 1133 Chemistry II) 150422

See the course description on page 60

SOCIAL STUDIES

GOVERNMENT (1.0 credit) 220502

Students develop a deep understanding of the government of America from its founding to present day. They begin to understand how democratic foundations have influenced the current political system, domestic and foreign policy, and society as a whole. By analyzing the development of American government, students explain how society, the environment, the political and economic landscape, and historical events influence perspectives, values, traditions, and ideas as well as analyzing the rights and responsibilities of citizens. The course will also examine the fundamentals of economics and investigate economic issues. LEAP 2025 exam is required by the state.

Prerequisite(s): None

GOVERNMENT, Honors (1.0 credit) 220505

Students develop a deep understanding of the government of America from its founding to present day. They begin to understand how democratic foundations have influenced the current political system, domestic and foreign policy, and society as a whole. By analyzing the development of American government, students explain how society, the environment, the political and economic landscape, and historical events influence perspectives, values, traditions, and ideas as well as analyzing the rights and responsibilities of citizens. The course will also examine the fundamentals of economics and investigate economic issues. This is an advanced course in the study of government and will require students to learn and work at an accelerated pace and will require strong reading and writing skills. LEAP 2025 exam is required by the state.

Prerequisite(s): A or B in previous Social Studies course and/or teacher recommendation & enrollment in an Honors English course is highly recommended

US GOVERNMENT AND POLITICS, Advanced Placement (1.0 credit) Fee: $99 AP exam fee (Due 10/23/26) 220503

AP United States Government and Politics is a college-level course which introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning assess causes and consequences of political events and interpret data to develop evidence-based arguments. Students will be required to learn and work at an accelerated pace and demonstrate strong reading and writing skills. Students are expected to take the AP exam and may earn college credit dependent upon the exam score that is attained. This AP course counts as the required credit in Civics for graduation. LEAP 2025 exam is required by the state.

Prerequisite(s): None

WORLD GEOGRAPHY (1.0 credit) 220300

Students develop a deep understanding of the interconnectedness of people and place. By analyzing the physical and human systems, geographical features, and regional commonalities of different locations around the world, students explain how society, the environment, the political and economic landscape, and historical events influence perspectives, values, traditions, and ideas.

Prerequisite(s): None

WORLD GEOGRAPHY, Honors (1.0 credit) 220300

Students develop a deep understanding of the interconnectedness of people and place. By analyzing the physical and human systems, geographical features, and regional commonalities of different locations around the world, students explain how society, the environment, the political and economic landscape, and historical events influence perspectives, values, traditions, and ideas. This is an advanced course in the study of geography and will require strong reading and writing skills and to learn and work at an accelerated pace.

Prerequisite(s): A or B in previous Social Studies course and/or teacher recommendation

HUMAN GEOGRAPHY, Advanced Placement (1.0 credit) Fee: $99 AP exam fee (Due 10/23/26) 220310

The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. Students are expected to take the AP exam and may earn college credit dependent upon the exam score that is attained.

Prerequisite(s): None

US HISTORY (1.0 credit) 220403

Students develop a deep understanding of the history of the United States from Western Expansion to the Modern Age, approximately the 1870s until present day. They understand how democratic foundations have influenced the current political system, domestic and

foreign policy, and society as a whole. By analyzing significant historical periods and the nation's responses, students explain how society, the environment, the political and economic landscape, and historical events influence perspectives, values, traditions, and ideas.

Prerequisite(s): None

US HISTORY, Honors (1.0 credit) 220409

Students develop a deep understanding of the history of the United States from Western Expansion to the Modern Age, approximately the 1870s until present day. They understand how democratic foundations have influenced the current political system, domestic and foreign policy, and society as a whole. By analyzing significant historical periods and the nation's responses, students explain how society, the environment, the political and economic landscape, and historical events influence perspectives, values, traditions, and ideas. This is an advanced course in American History and will require strong reading and writing skills and to learn and work at an accelerated pace.

Prerequisite(s): A or B in previous Social Studies course and/or teacher recommendation

US HISTORY, Advanced Placement (1.0 credit) Fee: $99 AP exam fee (Due 10/23/26) 220404

This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and material in US History. Students will learn to assess historical materials and to weigh the evidence and interpretations presented in historical scholarship. Students will work with political cartoons, speeches, essays, articles, graphs, film, maps, and books. Methods of instruction and evaluation include lecture, discussion, a variety of written assignments, AP style multiple-choice and essay questions. Students are expected to take the Advanced Placement Exam at the end of the course and may earn college credit dependent upon the exam score.

Prerequisite(s): None

WORLD HISTORY (1.0 credit) 220401

Students develop a deep understanding of the major historical events around the world from the Renaissance through present day. By analyzing significant historical periods, students explain how society, the environment, the political and economic landscape, and historical events influence perspectives, values, traditions, and ideas.

Prerequisite(s): None

WORLD HISTORY, Advanced Placement (1.0 credit) Fee: $99 AP exam fee (Due 10/23/26) 220413

The AP World History course focuses on developing students' understanding of the world history from approximately 1200 CE to the present. This college-level course has students investigate the content of world history for significant events, individuals, developments, and processes over historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also allows students to make connections among historical developments in different times and places encompassing the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania. This is a college-level course and will require students to learn and work at an accelerated pace and demonstrate strong reading and writing skills. Students are expected to take the AP exam and may earn college credit dependent upon the exam score.

Prerequisite(s): None

EUROPEAN HISTORY, Advanced Placement (1.0 credit) Fee: $99 AP exam fee (Due 10/23/26) 220412

The AP European History course focuses on developing students' understanding of European history from 1450 CE to the present. The college-level course has students investigate the content of European history for significant events, individuals, developments, and processes over historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. This is a college-level course and will require students to learn and work at an accelerated pace and demonstrate strong reading and writing skills. Students are expected to take the AP exam and may earn college credit dependent upon the exam score that is attained.

Prerequisite(s): None

PSYCHOLOGY, Advanced Placement (1.0 credit) Fee: $99 AP exam fee (Due 10/23/26) 222004

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. This is a college-level course and will require students to learn and work at an accelerated pace and demonstrate strong reading and writing skills. Students are expected to take the AP exam and may earn college credit dependent upon the exam score that is attained.

Prerequisite(s): None

WORLD HISTORY I, beginning to 1500, Dual Enrollment (CHIS 1113 World History I) 220450

See the course description on page 66

WORLD HISTORY II, Since 1500, Dual Enrollment (CHIS 1123 World History II) 220451
See the course description on page 66

AFRICAN AMERICAN HISTORY, Dual Enrollment (CHIS 2103 African American History) 220511
See the course description on page 67

PSYCHOLOGY, Dual Enrollment (CPSY 2013 Intro to Psychology) 225011
See the course description on page 67

JROTC

JROTC I: LEADERSHIP EDUCATION & TRAINING (1.0 credit) Fee: $30 170001
This is the first level of JROTC and is designed to introduce students to the basic fundamentals of being a JROTC Cadet. In addition to learning how to properly wear the JROTC uniform, the cadets are introduced to the basic principles of leadership theory, communication skills, self-awareness, study skills, conflict resolution and the traditions, customs, and courtesies of the U.S. military. Additional activities include learning to march and participation in physical training. The JROTC uniform is issued free of charge. Students are required to purchase a pair of JROTC physical training shorts and two t-shirts. Successful completion of JROTC I & II satisfies the requirement for 1 ½ credits for PE and ½ credit for Health. Participation in after-school activities such as the JROTC Drill, Color Guard, or Rifle teams is not required, but is encouraged.

Prerequisite(s): None

JROTC II: LEADERSHIP EDUCATION & TRAINING (1.0 credit) Fee: $30 170002
This is the second level of JROTC. This course includes academic work and practical application of the principles of wellness, fitness, and first aid. Lessons include studies of citizenship in American history and government, e.g., the Bill of Rights, roles of citizens in American Democracy, and community service. The fundamentals of land navigation and reading a topographical map are also introduced. Leadership theory covered in JROTC I is expanded with opportunities for cadets to occupy low-level leadership positions within the JROTC program. The JROTC uniform is issued free of charge. Students are required to have a pair of JROTC physical training shorts and two t-shirts. JROTC physical training shorts and t-shirts previously purchased may be used for this course. Successful completion of JROTC I & II satisfies the requirement for 1 ½ credits for PE and ½ credit for Health. Participation in after-school activities such as the JROTC Drill, Color Guard, or Rifle teams is not required, but is encouraged.

Prerequisite(s): JROTC I

JROTC III: LEADERSHIP EDUCATION & TRAINING (1.0 credit) Fee: $30 170003
This course includes academic work and practical application of principles and skills related to leadership & management, oral & written communication techniques, personal financial planning & money management, community service projects, conflict resolution & mediation skills, career exploration, and decision/problem solving & planning techniques. Cadets improve and expand their leadership skills by occupying key leadership positions within the JROTC program. The JROTC uniform is issued free of charge. Students are required to have a pair of JROTC physical training shorts and two t-shirts. JROTC physical training shorts and t-shirts previously purchased may be used for this course. Participation in after-school activities such as the JROTC Drill, Color Guard, or Rifle teams is not required, but is encouraged.

Prerequisite(s): JROTC II; Senior Army Instructor's approval required; the decision is based on performance and behavior as a 2nd year cadet

JROTC IV: LEADERSHIP EDUCATION & TRAINING (1.0 credit) Fee: $30 170004
This course includes academic work and practical exercises that expands upon the principles of leadership & management covered in JROTC III. Cadets are taught the basic techniques for preparing lesson plans and are required to teach various lessons to lower level cadets and the structure of the U.S. Military is also covered. Cadets are ***required*** to lead by example by occupying and excelling at a key leadership position within the JROTC program such as Company Commander, First Sergeant, Platoon Leader, and Platoon Sergeant. The JROTC uniform is issued free of charge. Students are required to have a pair of JROTC physical training shorts and two t-shirts. JROTC physical training shorts and t-shirts previously purchased may be used for this course. Participation in after-school activities such as the JROTC Drill, Color Guard, or Rifle teams is not required, but is encouraged.

Prerequisite(s): JROTC III; Senior Army Instructor's approval is required; the decision is based on performance and behavior as a 3rd year cadet

HEALTH & PHYSICAL EDUCATION

HEALTH EDUCATION (0.5 credit) 190500

This required course studies the essential wellness practices as they relate to current concepts of preventative medicine, involves the study of human growth and development, as well as first aid, personal health, alcohol, drug use and abuse, and tobacco. The course also explores current concepts of practical and applied nutrition, current myths and misconceptions surrounding the relationship of nutrients to optimal health, obesity and weight control. This course studies the human body as a biological entity that adapts to health choices made by the individual.

Prerequisite(s): None

PHYSICAL EDUCATION (0.5 or 1.0 credit) Fee: $14 190105 / 106 / 107 / 108

This course consists of a variety of team and individual sports. This course can be used as a required or elective PE course. One shirt and one pair of shorts costs $12. Additional charges may apply for sizes 2X and above.

Prerequisite(s): None

PHYSICAL EDUCATION - ATHLETICS (0.5 or 1.0 credit) 190105 / 106 / 107 / 108

Off-season weightlifting and conditioning, in-season weightlifting and conditioning, and sport specific work-outs. This course can be used as a required or elective PE course.

Prerequisite(s): Approval of coach

FOREIGN LANGUAGES

FRENCH I (1.0 credit) 121001

This course lays the foundation for college-level study and eventual mastery of the French language. We master the basics of French pronunciation, spelling, oral and reading comprehension and sentence construction.

Prerequisite(s): None

FRENCH I, Honors (1.0 credit) 121001

This course covers the standards of French I, but in a more in-depth manner. Students who complete the course will be well-prepared for French II and will have a strong foundation to take more advanced-level French classes through the years. Students who have strong English grades are encouraged to take the Honors course.

Prerequisite(s): Enrollment in an Honors English course is highly recommended

FRENCH II (1.0 credit) 121002

This is a continued introductory course emphasizing vocabulary, grammar, reading comprehension, writing, culture, and history. Daily review and drill outside of the classroom necessary for success.

Prerequisite(s): Passing grade in both semesters of French I

FRENCH II, Honors (1.0 credit) 121002

This course is an accelerated study of French vocabulary, grammar, reading comprehension, writing, culture, and history. A special emphasis will be placed on speaking and fluency. Daily review and drill outside of the classroom will be necessary for success. Student needs to be willing to speak in target language.

Prerequisite(s): A or B in French I and/or teacher recommendation

FRENCH III, Honors (1.0 credit) 121003

This is an intermediate course emphasizing grammar, vocabulary expansion, reading and writing skills, culture and history. Periodic outside readings and research and internet activities required for this course.

Prerequisite(s): A or B in French II and/or teacher recommendation

FRENCH IV, Honors (1.0 credit) 121004

This is an advanced course emphasizing vocabulary, reading and writing skills, grammar, culture and history. Periodic outside readings and research and internet activities required for this course.

Prerequisite(s): A or B in French III and/or teacher recommendation

SPANISH I (1.0 credit) 122501

This course lays the foundation for college-level study and eventual mastery of the Spanish language. We master basic Spanish spelling, pronunciation, oral and reading comprehension and sentence construction.

Prerequisite(s): None

SPANISH I, Honors (1.0 credit) 122501

This course is an accelerated introduction of Spanish vocabulary, grammar, reading comprehension, writing, culture, and history. We will master basic Spanish spelling, pronunciation, oral and reading comprehension, and sentence construction. We will emphasize creative writing and listening comprehension during this course.

Prerequisite(s): Enrollment in an Honors English course is highly recommended

SPANISH II (1.0 credit) 122502

Spanish II continues and builds upon the material of Spanish I with a gradual emphasis placed on oral communication. Students will also begin to explore simple readings in Spanish. The course will include instruction with videos on Spanish & Latin American culture and geography.

Prerequisite(s): Passing grade in both semesters of Spanish I

SPANISH II, Honors (1.0 credit) 122502

This course is an accelerated study of Spanish vocabulary, grammar, reading comprehension, writing, culture, and history. A special emphasis will be placed on speaking and fluency. Daily review and drill outside of the classroom will be necessary for success. Student needs to be willing to speak in target language.

Prerequisite(s): A or B in Spanish I and/or teacher recommendation

SPANISH III, Honors (1.0 credit) 122503

Spanish III is an honors elective course that requires genuine interest in the study of the Spanish language and its culture. Heavy emphasis will be placed on new grammar and vocabulary which will require active participation by the student both in and out of class. We will explore the gradual development of written and oral communication skills in Spanish. The course will include an introduction to the writings of Spanish & Latin American authors along with discussion of relevant political and cultural developments in Spanish-speaking countries.

Prerequisite(s): A or B in Spanish II and/or teacher recommendation

SPANISH IV, Honors (1.0 credit) 122504

Spanish IV will begin with an accelerated review of vocabulary and grammar topics introduced in Spanish III and will move on to topics including history, geography, and culture of Spain and Latin America. It includes oral discussion of relevant political and cultural developments in Spanish speaking countries coupled with readings from Spanish and Latin American authors. Students in Spanish IV will participate in group and individual projects to be presented in class in Spanish. This course is only recommended for those who wish to develop fluency in Spanish and demands a solid foundation in the language along with active participation by students. Listening and speaking practice in class will be experienced through a variety of forms including class discussion, instruction in Spanish, and film with relevance to the curriculum. Spanish IV is designed to prepare students for college placement tests for the Spanish language.

Prerequisite(s): A or B in Spanish III and/or teacher recommendation

AGRICULTURAL STUDIES

AGRISCIENCE I (1.0 credit) 010301

Agriscience I is beginning course of the Agriscience curriculum. It provides students will a basic knowledge of agriculture and its history, and the science applications in agriculture. The course includes units in animal science, natural resources (relationships between soil, water, living organisms), and agricultural leadership. Hands-on learning experiences include the classroom computer lab, the garden area, student greenhouse, recycling program, and small animal program. Supervised Agricultural Experience (SAE) programs and FFA activities are integral components of the course and provide many opportunities for applying classroom skills.

Prerequisite(s): None

AGRISCIENCE II (1.0 credit) Fee: $21 010302

Agriscience II builds upon the Agriscience I class and provides students with additional knowledge of agriculture and science applications in agriculture. The course includes units in animal science, plant science, food science, agricultural pests, and soil science, and leadership skills. Hands-on learning experiences include the classroom computer lab, forestry, student greenhouse, hydroponic greenhouse, landscape maintenance, recycling program. Supervised Agricultural Experience (SAE) programs and FFA activities are integral components of the course and provide many opportunities for applying classroom skills.

Prerequisite(s): Agriscience I

AGRISCIENCE III (1.0 credit) Fee: $21 010303

This course is an advanced study in Agriscience based upon the local agricultural workforce and economic needs of the community. It is an activity-based class that strengthens critical thinking skills, problem solving, and job preparedness. The major areas of study include personal development skills, greenhouse crop production, animal production, biotechnology, and environmental issues. Hands-on learning experiences include the classroom computer lab, the production greenhouse, the hydroponics greenhouse, aquaculture lab, recycling program, landscape maintenance, and ag construction. Supervised Agricultural Experience (SAE) programs and FFA activities are integral components of the course and provide many opportunities for applying classroom skills.

Prerequisite(s): Agriscience II; Open to 11th - 12th grade

AG LEADERSHIP (1.0 credit) Fee: $21 010364

This advanced course is designed to provide students with an overview of the horticulture industry. It is an activity-based class that strengthens critical thinking skills, problem solving, and job preparedness. Topics of study include an orientation to the horticulture industry, plant growing media, advanced plant science, crop systems, vegetable production, and fruit production. Hands-on learning experiences include the classroom computer lab, the production greenhouse, the hydroponics greenhouse, aquaculture lab, recycling program, landscape maintenance, and ag construction. Supervised Agricultural Experience (SAE) programs and FFA activities are integral components of the course and provide many opportunities for applying classroom skills.

Prerequisite(s): Agriscience I & II

ANIMAL SCIENCE, Dual Enrollment (optional in AgriScience III)

See the course description on page 59

PLANT SCIENCE, Dual Enrollment (optional in AgriScience III)

See the course description on page 59

CONSTRUCTION & TRADES

NCCER CORE (1.0 credit) 311720

This course includes nine integral modules for building foundational skills in the craft areas and also provides the tools necessary for achieving workplace success. This curriculum has been aligned to modules as endorsed by the National Center for Construction Education and Research (NCCER). Students, who study this curriculum and successfully pass these tests, will be certified by NCCER and will receive their NCCER Core certification, which is required to move forward to achieve certification in other areas of the construction family—Electrical and Welding.

Prerequisite(s): None

ELECTRICAL I (1.0 credit) 311400

This course is designed to introduce students to the world of Electricity. Upon completing the 1st semester, students will be able to understand and apply basic concepts in orientation to the electrical trade, electrical safety, introduction to electrical circuits, electrical theory, introduction to the National Electrical Code, device boxes, hand bending, raceways and fittings, conductors and cables, basic construction drawings, and residential electrical services. During the 2nd semester, students will demonstrate basic electrician skills including altering current, theory and application, electric lighting, conduit bending, pull and junction boxes, conductor installations, terminations and splices, cable tray, grounding and bonding, circuit breakers and fuses, and control systems.

Prerequisite(s): Workplace Safety; Open to 10th – 12th grade

AWS WELDING I (2.0 credits) 313102

This course provides an introduction to welding with emphasis on safety and hands-on work. The latest industrial metal working equipment is used to develop student skills associated with the welding trades. Instruction in this course will include classroom lecture and discussion, instructor shop demonstrations, student hands-on projects, and visual aids.

Prerequisite(s): Prerequisite(s): Workplace Safety or concurrent enrollment in Workplace Safety; Open to 10th – 12th grade

AWS WELDING II (2.0 credits) 313106

AWS WELDING III (2.0 credits) 313109

This course expands on knowledge and skills learned in Welding I. More independent work and more complex projects are involved in Welding II, requiring more complex attention to "lay-out" and design. Instruction in this course will include classroom lecture and discussion, instructor shop demonstrations, student hands-on projects, and visual aids.

Prerequisite(s): Welding I

BUSINESS

INTRO TO BUSINESS COMPUTER APPLICATIONS (IBCA) (1.0 credit) 040401

This course is designed to provide students with basic computer application skills. Students will be introduced to the touch method of operating a computer keyboard. Emphasis is placed on basic computer concepts both hardware and software, word processing, presentations and spreadsheet applications. Computer technology will be presented that leads to Microsoft Office Specialist certifications in Word and PowerPoint.

Prerequisite(s): None

PRINCIPLES OF BUSINESS (1.0 credit) 040306

This is an introductory course that provides students with basic business operations skills that can be applied in both personal and professional situations. Emphasis is placed on the exploration and description of basic business concepts and applications. Through business projects, critical-thinking and oral and written communication skills are reinforced.

Prerequisite(s): None

ENTREPRENEURSHIP (1.0 credit) 041040

This course is designed to introduce students to the rewards and risks of owning or operating a business enterprise. Emphasis is placed on the mastery of skills needed to plan, organize, manage, operate and finance a business using current technology and simulations. Skills in communication, technical writing, mathematics, research, and problem solving are reinforced as each student prepares a business plan and a career portfolio. Simulations, projects, teamwork, DECA leadership activities, conferences, and competitions provide opportunities for application of instructional competencies. The Micro-Enterprise credential (complementary, regional, or state certification) certifies that students have mastered workplace behaviors and communication skills, specific small business activities (e.g., complete credit applications, complete online company registrations), and gained the financial literacy necessary to become effective small business employees and entrepreneurs.

Prerequisite(s): Open to 10th- 12th graders

WEB DESIGN (0.5 credit) 040210

Learning to design websites is a beneficial skill for any career path. This one-semester project-based course teaches students how to build their own web pages. Students will learn the languages HTML and CSS and will create their own live homepages to serve as portfolios of their creations. By the end of this course, students will explain how web pages are developed and viewed on the Internet, analyze, and fix errors in existing websites, and create their own multi-page websites.

Prerequisite(s): Open to 10th – 12th graders

KEYBOARDING (0.5 credit) 040225

This is an introductory course in which students will learn proper keyboarding techniques and will learn how to type and format documents needed for high school and college. Students will also learn how to prepare letters, resumes, and reports in APA and MLA styles.

Prerequisite(s): None

PERSONAL FINANCE (0.5 credit) 041022

This course will inform students how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, taxes, spending and credit, as well as saving and investing. Students will design personal and household budgets utilizing checking and saving accounts, gain knowledge in finance, debt and credit management, and evaluate and understand insurance and taxes. Students taking this course will learn to better prepare for their financial futures.

Prerequisite(s): None

CUSTOMER SERVICE (0.5 credit) 080720

This course is designed to teach students about products and/or services, how to assess and meet customer needs, information needed to educate customers, help prepare for selling products/goods/services, provide ways to gain customer commitment and close sales, and how to develop and implement a sales follow-up plan. Students will also complete simulations on personal finance and gain valuable entrepreneurship information needed to be successful in today's work-world. They will also be prepared to take the NRF Customer Service and Sales exam and the Guest Service Professional exam.

Prerequisite(s): Students must be at least 15 years of age to take the NRF Customer Service & Sales exam.

ARTS

VISUAL ARTS

ART I (1.0 credit) 030501

Art I is an introductory art course that teaches students about the basic elements of art and design through project-based work. Students will learn basic painting and drawing skills while applying their knowledge of the elements of art.

Prerequisite(s): None

ART II (1.0 credit) Fee: $37 030502

This course places emphasis on developing concepts in art making and problem solving. Students will also continue developing skills in drawing, painting and three-dimensional design covered in Art I, with critical and aesthetic analysis of contemporary artists. Transfer students must submit a portfolio.

Prerequisite: Art I or teacher approval

ART III: CERAMICS I (1.0 credit) Fee: $53 030503

Ceramics & Sculpture is a course for students wanting to learn clay and glazing techniques and application. Students will also learn about sculpting in other clay-based media and apply those processes.

Prerequisite(s): Art I, Media Arts I, Fine Art Survey, Photography I, Theatre I

Art IV: CERAMICS II (1.0 credit) Fee: $53 030504

This is a course designed for the serious art student who would like to learn advanced sculpting and pottery techniques including wheel throwing, mold pouring, and much more.

Prerequisite: Art III: Ceramics I

STUDIO ART 2D, Advanced Placement (1.0 credit) Fee: $50 and $99 AP exam fee (Due 10/23/26) 030509

An accelerated Visual Arts course and college level course addressing the conceptual and formal aspects of all forms of two-dimensional art forms that include: painting, drawing, graphic design, printmaking, photography, mixed media/collage and digital art. Emphasis on the Elements of Art: Line, Color, Shape, Space, Texture and 10 Value as well as the Design Principles: movement, balance, proportion, rhythm, repetition, and dominance. Students can achieve college credit upon passing AP examination that involves twenty-four artworks (for digital submission) and five portfolio artworks that will be sent to AP Central in May.

Prerequisite(s): Art III or Talented Art III and permission of instructor

PHOTOGRAPHY I (1.0 credit) Fee: $11 312400

Students must be able to provide their own digital camera (not a phone) with a 16 megapixel or higher resolution. Digital SLR cameras are acceptable and encouraged. Students will learn basic digital photography skills and apply their knowledge by taking their own photographs. Students will also learn Adobe Photoshop and photo editing techniques. Much of the work for this course is outside assignment based. Most photos will be taken as homework assignments and edited in class.

Prerequisite(s): None

MEDIA ARTS I (1.0 credit) 030810

Students will learn the basics of graphic design. Students will use the Adobe Suite (Photoshop, Illustrator, InDesign, etc.) to complete course work. The course will include application of the elements and principles of art to graphic design applications such as package design, logo design, basic web design, and more. Students are expected to earn Adobe Photoshop or

Prerequisite(s): None

MEDIA ARTS II: Motion Graphics (1.0 credit) 030820

This course introduces students to Adobe After Effects with a focus on creating dynamic motion graphics for jumbotrons, live broadcast streams, and social media platforms. Students will design animated titles, scorebugs, transitions, and promotional content while learning industry-standard workflows used in sports and media production, TV and film production, and animations. This course emphasizes creativity, technical skills, and real-world application through hands-on projects.

Prerequisite(s): Media Arts I and must have certification in Adobe Photoshop and/or Illustrator

DIGITAL MEDIA II (1.0 credit) 080805

***Does not fulfill the Art requirement for the TOPS diploma

This course will build on the lessons learned in the Media Arts I introduction of basic graphic design. The main focus of the class is for members to earn Adobe Certified Associate in Photoshop, Illustrator and InDesign, a nationally recognized industry-based certification in the Graphic Arts world.

Prerequisite(s): Media Arts I

DIGITAL MEDIA III (1.0 credit) 080831

***Does not fulfill the Art requirement for the TOPS diploma

This course combines text, graphics, sound, animation, and video delivered by computer or other electronic means. The course focuses on the systematic design and development of effective, efficient, and appealing visual productions. Students will plan and design production sequences, then use computer-based authoring/ multimedia software to deliver the production. Current and emerging technologies, such as laserdiscs, CD technology, digitized audio, digitized still and motion video, and scanned images, are incorporated into multimedia projects. Finally, students design, develop, implement, and evaluate productions. Class sessions consist of discussions, collaborative activities, demonstrations, skills-building activities, peer evaluation, and time to work on projects.

Prerequisite(s): Digital Media II

MEDIA ARTS III: JUMBOTRON SCOREBOARD (1.0 credit) 030830
MEDIA ARTS IV: JUMBOTRON SCOREBOARD (1.0 credit) 030840

This course is designed for the student who wishes to learn about media arts pertaining to athletics. This course involves learning the process of athletic video productions, and the basics of graphic design. We will learn Adobe Suites (Photoshop, Illustrator, Premiere, and InDesign) while incorporating the elements of art in order to make things aesthetically pleasing during athletic competition. This involves placement, balance, colors, editing of photos/videos, designing logos, running video equipment, production and sound equipment, and much more. This class involves mandatory hours outside of school running the video board during home athletic events which involves, but is not limited to football, basketball, and soccer, as well as special events showcasing the video board.

Prerequisite(s): None, but a previous Art class is encouraged

TALENTED ART I (1.0 credit) Fee: $37 030514

This course is based on studying observational methods and an introduction to various 2-D and 3-D media. Students will develop a portfolio for 2-D and 3-D art throughout the year. Critical, historical, and aesthetic thinking will be covered through hands-on activities.

Prerequisite(s): Student must be formally screened and identified as needing Gifted/Talented services

TALENTED ART II (1.0 credit) Fee: $37 030515

This course stresses the continuation of building observational and creative artistic skills. Students will begin to explore the communicative and conceptual aspects of art making. More complex projects involving a collaboration of artistic techniques will be stressed throughout the year. Students are expected to create a portfolio by the end of the year.

Prerequisite(s): Art I/Talented Art I and a current Talented evaluation

TALENTED ART III (1.0 credit) Fee: $42 030516

In this course, students continue to emphasize observation, but they should begin developing a style that best expresses ideas and concepts. Students will begin to develop a portfolio which displays strong observational and perceptual skills as well as good knowledge and use of different types of media and / or approaches toward creating successful art works. If a student plans to attend an art institute or to major in art at the college level, he/she must begin a body of work that suits portfolio requirements given by these institutions. This work will continue into the senior year in preparation for submitting. Approximately 20-24 art works are needed for portfolio submission.

Prerequisite(s): Art II/Talented Art II and a current Talented evaluation

TALENTED ART IV (1.0 credit) Fee: $42 030517

Students should be reinforcing their observational skills, advancing their creative abilities. Strong emphasis on visual communication and developing strong concepts will be important. Art theory will be explored throughout the year. Thematic bodies of work will be introduced. Exploration of studying 2-D and 3-D media will continue in this course. Students will develop a portfolio throughout the year and tailor it to the requirements for possible admission into Art College.

Prerequisite(s): Art III/Talented Art III and a current Talented evaluation

INTRODUCTION TO ART, Dual Enrollment (CART 1023 Introduction to Visual Arts) 030592

See the course description on page 60

PERFORMING ARTS: CHOIR

BEGINNING CHOIR (1.0 credit) 030310

This course is a non-auditioned choir that is designed for students in any grade that are new to ZHS choir. The choir focuses a large amount of time on sight-reading skills and proper vocal technique while performing a wide variety of music throughout the year from choral standards to contemporary arrangements. This choir focuses on the basic elements of vocal production, music theory, sight-reading, two- & three-part singing, musicianship, and concert presentation. This course provides students with an opportunity to develop their voices as instruments of self-expression, to improve their music literacy, and to enjoy a meaningful group experience through daily participation and performance. This group presents concerts throughout the school year and sometimes competes at local festivals.

Prerequisite(s): None

CHORALE INTERMEDIATE CHOIR (1.0 credit) Fee: $63 030311

This course is an auditioned choir that is designed for students in any grade that have had at least one year of previous choir experience, whether at ZHS or another high school. In addition to sight-reading, three- and four-part singing, singing in foreign languages, and formal concert presentation, the class pursues a continued knowledge of music theory and a growing musicianship. Chorale performs a wide variety of music throughout the year, which ranges from choral standards to contemporary a cappella arrangements. This group presents concerts throughout the school year and competes at local and out-of-state festivals.

Prerequisite(s): Beginning Choir or placement by instructor based on audition. Students who were in NMS show choir or an equivalent-level choir at any other school may automatically participate in this choir.

A CAPPELLA ADVANCED CHOIR (1.0 credit) Fee: $63 030312

This course is an auditioned choir that is designed for advanced student musicians that have had **at least one year of choir or Musical Theater at Zachary High School**. In addition to sight-reading, four- to eight-part singing, singing in foreign languages, and formal concert presentations, the class pursues an advanced knowledge of music theory and a high level of musicianship. A Cappella performs a wide variety of music from standard choral literature to contemporary a cappella arrangements. This group presents concerts throughout the school year and competes at local and out-of-state festivals.

Prerequisite(s): Placement by instructor based on audition. For transfer students, "one year of choir at Zachary" may be replaced with participation in an honor choir at the middle school level or an equivalent level at the high school.

BRONCO BEAT PREP CHOIR (1.0 credit) Fee: $63 030313

This course is an auditioned, college-level choir that is designed for more advanced student musicians that have had **at least one year of choir at Zachary High School**. In addition to an advanced music theory knowledge and excellent musicianship, these singers are expected to have great self-expression and stage presence. This vocal ensemble performs mostly a cappella vocal repertoire, along with additional choral standards. While this group presents concerts with A Cappella Choir throughout the school year and competes at local and out-of-state festivals, Bronco Beat also serves as a musical ambassador for Zachary High School performing at many different community and school-related events.

Prerequisite(s): Placement by instructor based on audition. Students are also required to audition for an Honor Choir the previous school year, or participate in two honor choirs throughout previous years.

INTRODUCTION TO MUSIC, Dual Enrollment (CMUS 1013 Music Appreciation) 030590

See the course description on page 60

PERFORMING ARTS: BAND

BEGINNING BAND (1.0 credit) 030300

This course offers an introduction to the basic fundamentals of instrumental music in the areas of woodwind and brass instruments. Percussion instruments are not offered in this class. No prior musical knowledge is required. Fundamentals are stressed and demonstrated through performances. Everyone must furnish his or her own reeds, mouthpieces, instruments, and method book. School instrument rental is available for certain instruments.

Prerequisite(s): None

ADVANCED BAND (1.0 credit) Fee: $157 030302

An advanced study of skills learned in Intermediate Band. Fundamentals are stressed and demonstrated through performances. Everyone must furnish his or her own reeds, percussion mallets, oil, mutes, etc. School instrument rental is available for certain instruments. Attendance at festivals, concerts, and after-school rehearsals is required.

Prerequisite(s): Audition required

SYMPHONIC WIND ENSEMBLE (1.0 credit) Fee: $157 030303

This is the top performing instrumental group. Students must furnish their own reeds, percussion mallets, oil, mutes, etc. School instrument rental is available. Attendance at festivals, concerts, and after-school rehearsals required.

Prerequisite(s): Audition required

JAZZ ENSEMBLE (1.0 credit) Fee: $157 030304

This course is recommended for junior and senior students who are interested in expanding their music knowledge in various styles of jazz. Guitar, Piano, Bass must be able to read music or chords. Attendance at festivals, concerts, and after-school rehearsals required.

Prerequisite(s): Audition required

PERCUSSION I (1.0 credit) Fee: $157 030307

This course is recommended for any student who has successfully auditioned and been selected for the Zachary High School Drumline and Front Percussion Ensemble. Skills that will be taught include: timpani tuning, keyboard instrument scales and songs, snare drum rolls and rudiments, four mallet technique, and rhythm counting. Attendance at festivals, concerts, and after school rehearsals required.

Prerequisite(s): Audition required

PERCUSSION II (1.0 credit) Fee: $157 030351

This course is a continuation of skills learned in Percussion I and is recommended for those who have auditioned and been selected for the ZHS Drumline and Front Percussion Ensemble. Attendance at festivals, concerts, and after school rehearsals required.

Prerequisite(s): Audition required

GUITAR I (1.0 credit) 030352

This course is open to any student who is eager to learn the fundamentals of guitar playing. Students will learn to read chord symbols and basic musical notation. The music performed in this course is on a beginner to intermediate level.

Prerequisite(s): Student must provide own acoustic guitar

GUITAR II (1.0 credit) 030351

This course builds on the skills learned in Guitar I. There is a concentrated focus on scales, arpeggios, chords, and intermediate to advanced literature.

Prerequisite(s): Guitar I; Must provide their own acoustic guitar

GUITAR III (1.0 credit) 030333

This is a continuation of Guitar II with a concentration on advanced literature.

Prerequisites(s): Guitar I and II; Must provide their own acoustic guitar

ADVANCED ORCHESTRA (1.0 credit) 030322

This course is a continuation for students with previous orchestral experience. Emphasis is placed on instrumental technique, further development of music reading and comprehension skills, independent musicianship, style, and a deeper understanding of small group ensemble music.

Prerequisites(s): Student must have taken orchestra at the middle school level

PERFORMING ARTS: DRAMA

THEATER I, Non-performance (1.0 credit) 030700
This course covers the fundamentals of theatrical performance including the movement and voice for the stage, classic and modern dramatic literature, and script writing. Students are offered opportunities to practice presentation skills learned in class through memorization and performance of dramatic literature.

Prerequisite(s): None

THEATER I, Performance (1.0 credit) 030700
THEATER II (1.0 credit) Fee: $130 030721
THEATER III (1.0 credit) Fee: $130 030731
THEATER IV (1.0 credit) Fee: $130 030741
This course is a continuation of basic skills and activities, such as opportunities to further develop personal acting techniques and performing skills. Students will perform scenes and plays from various theatrical periods and styles and explore career opportunities in theater. Participation in co-curricular activities outside of the class is required for all Theater I-IV students.

Prerequisite(s): Theater I or 8th Grade Advanced Drama; Audition with the Instructor held in April

TECHNICAL THEATER I (1.0 credit) 030701
TECHNICAL THEATER II (1.0 credit) 030703
TECHNICAL THEATER III (1.0 credit) 030704
TECHNICAL THEATER IV (1.0 credit) 030705
A workshop atmosphere for students to have the opportunity to learn the various aspects of technical production by designing and building shows, including areas in lighting design, set design, makeup design, costume design, properties, sound, public relations, and theatre management. Advanced students will assume greater responsibilities in becoming crew heads, designers, and running crews for VPAC productions and events. Students will explore career opportunities in technical theatre. Production participation (including after school production work) is required for all Tech I-IV students.

Prerequisite(s): Interview with the Tech director

HUMAN SCIENCES

NUTRITION & FOOD (0.5 credit) / **ADV NUTRITION & FOOD** (0.5 credit) 100300 / 100301
This course provides students with the basic nutrition and wellness knowledge and basic food preparation skills. Emphasis is placed on food preparation, kitchen and meal management, and the relationship of diet to health. Topics of study include nutrition, meal planning, label information, safety and sanitation, kitchen equipment, measuring, use of recipes, basic food preparation, and customer service skills. Advanced Nutrition & Food focuses on the social, psychological, and cultural influences on food choices globally. Topics include nutrition and wellness for individuals and families across the life span; impact of technology on nutrition, foods, and related tools and equipment; management of food-related resources; acquiring, organizing, and evaluating information about foods and nutrition; and exploration of careers in all aspects of the food industry. Students will also take the ServSafe Food Handler exam.

Prerequisite(s): None; Open to 11th – 12th graders only

CHILD DEVELOPMENT (0.5 credit) / **ADVANCED CHILD DEVELOPMENT** (0.5 credit) 100602 / 100603
Child development increases your knowledge about the development of children and improves care-giving skills. Students will study the physical, intellectual, social, and emotional growth and development of children from birth through early childhood. Topics will include prenatal development; preparation for birth and the birth process; impacts of heredity, environment, and family on the development of the child; and meeting children's needs for food, clothing, shelter, and care. Students will be issued the RealCare baby for one weekend during the first semester. During the second semester, students will address more complex issues of child development and early childhood education with emphasis on guiding physical, social, emotional, intellectual, moral, and cultural development throughout childhood, including school-age children. Students will be required to read the novel "Room" and take a test on it. Throughout the year the class will make weekly visits to the Zachary Early Learning Center to interact with and observe preschoolers. Students will receive a grade for these visits based on participation and required assignments.

Prerequisite(s): Open to 10th-12th graders; Child Development is a prerequisite for Advanced Child Development

FAMILY AND CONSUMER SCIENCE I (FACS I) (1.0 credit) 100401

This course examines multiple life roles and responsibilities of individuals and family members. The focus is on the areas of personal and family living, wellness, nutrition and foods, financial management, living environments, appropriate child development practices, and transferring school skills to life and work. Through simulated experiences students learn to fulfill their responsibilities associated with the work of the family and community. Topics covered first semester include: personal relationships, time management, money management, interior design, sewing projects including: buttons, hems, hand-sewn small stuffed toy, constructing a pillowcase, and counted cross stitch pictures. Topics covered second semester include health and wellness, nutrients, food groups and good nutrition, meal planning, kitchen safety and sanitation, ingredient measuring basics, food preparations skills, cooking techniques, table settings and etiquette, five cooking labs, and introduction to Child Development.

Prerequisite(s): None

FAMILY AND CONSUMER SCIENCE II (FACS II) (1.0 credit) 100402

This course enhances the foundational skills introduced in FACS I. Practical application activities are implemented in the areas of personal and family living, wellness, nutrition and foods, financial management, living environments, clothing and textiles and building employability skills to enhance life and work. Students continue to apply skills helping them to fulfill their responsibilities with the work of the family and the community through simulated experience. Emphasis is on applying knowledge to real life situations. Skills in mathematics, communication, science, technology, and personal and interpersonal relationships are reinforced in this course. Students may need to purchase fabric for specific projects.

Prerequisite(s): FACS I

MEDICAL OCCUPATIONS (1.0 credit) 090930

This course is designed to determine the health care career/medical occupation most suited to the student's goal by learning the specifics of each role and the factors that affect professional performance. Education and responsibilities of various medical occupations will be explored, along with basic concepts common to all health careers. These concepts include: medical terminology, safety and accident prevention, infection control, standard precautions, legal responsibilities, professionalism, clinical skills such as vital signs/height/weight, and an introduction to anatomy and physiology. Oral and written skills are reinforced in this course through simulated in-school lab activities designed for the student to develop clinical skills and professional behaviors.

Prerequisite(s): None

MEDICAL TERMINOLOGY (1.0 credit) 090151

This course provides the student with the ability to identify medical terms by analyzing their components. Emphasis is placed on defining medical prefixes, root words, suffixes and abbreviations. The primary focus is on skill development, both oral and written, of the language utilized for communication in the health care professions. Students will learn medical terms for each system of the body. We will utilize system by system approach with a widened emphasis on disease & disorders.

Prerequisite(s): None but Medical Occupations is encouraged

SPORTS MEDICINE I (0.5 credit) / **SPORTS MEDICINE II** (0.5 credit) 090720 / 090721

This course will provide an overview of the field of sports medicine as well as expose students to fundamental skills involved in a sports medicine healthcare setting. Topics covered include an examination into the different career paths in the sports medicine field and how each medical profession contributes to a coordinated sports medicine healthcare delivery team. A cornerstone of sports medicine is risk management and injury prevention. Students will participate in skills that healthcare providers utilize to reduce injuries in sports medicine settings. The 2nd semester will provide an overview of the pathology of sports injuries and basic management skills. Students will learn about the body's response to an injury and how to apply emergency action principles and skills. An emphasis is placed on an athlete's psychological and sociological response to an injury and coping strategies utilized by healthcare professions to assist them to recovery.

Prerequisite(s): None but Medical Occupations is encouraged; Open to 10th-12th grade; Sports Medicine I is a prerequisite for Sports Medicine II

SPORTS MEDICINE III (1.0 credit) 090722

Students will study advanced principles of prevention, assessment, rehabilitation and administration by working through project-based learning projects.

Prerequisite(s): Sports Medicine II; Open to 11th-12th graders

FIRST RESPONDER (1.0 credit) 090711

Emergency Medical Responder (EMR) is an entry level Emergency Medical Services course. Topics of instruction include the EMS system, roles and responsibilities of the EMR, basic cardiac life support, as well as pathology, assessment, and care of the traumatized or acutely ill patient. Skills sessions cover patient assessment, soft tissue injury care, splinting, patient packaging, patient movement, and radio communication.

Prerequisite(s): None, but Sports Medicine I and II are encouraged; Open to 11th – 12th graders

MEDICAL ASSISTANT I (1.0 credit) 090251

This course prepares students for employment and certification. Classroom instruction includes an introduction to health care, learning how to prepare patients for the doctor, obtaining vital signs, collecting specimens (phlebotomy), performing EKGs, and assisting during exams and procedures. Students will obtain BLS CPR certification through this Medical Assistant course. Successful completion of this training results in sitting for the National Health Career Association (NHA) exam for a Certified Clinical Medical Assistant.

Prerequisite(s): Medical Occupations, Medical Terminology, First Responder, or Sports Medicine I/II; Open to 11th-12th graders

IFSAC FIREFIGHTER I (1.0 credit) 090725

This course will follow the Louisiana FETA-certified Firefighter I program, covering fire suppression, hazardous materials, rescue techniques, and medical first aid. Training involves practical, hands-on drills in local facilities, search and rescue, and fire prevention. This course will demonstrate the knowledge and ability to tie appropriate knots, don personal protective equipment including SCBA and firefighter turnout gear, understand the role of a firefighter I in the fire service organization, have a basic understanding of incident command, participate as a member of a team while extinguishing vehicle fires, exterior and interior Class A fires, ground cover fires, perform vertical and horizontal ventilation, establish water supply, perform overhaul and salvage operations, and use a variety of tools. Students will complete a basic first aid and CPR class and a practical skills exam in order to earn his/her Firefighter I certification. This course will be taught in conjunction with the Zachary Fire Department.

Prerequisite(s): Open to 11th and 12th graders; Juniors must be 17 years of age by April 1 of their Junior year

COMMUNICATION

JOURNALISM I (1.0 credit) 050601

This is a beginning journalism course for students interested in writing news, feature, and opinion articles. This class will also explore modern multimedia and social media for storytelling, including photography and video, preparation for web production, and print readiness for the yearbook. The work is largely project-based, requiring both independent work and group management skills for success — a critical career skill in an ever-evolving work environment.

Prerequisite(s): None.

PUBLICATIONS I: Yearbook I (1.0 credit) Fee: $37 050603

Led by student editors, students produce media for publication by determining its content and design, including the yearbook and a variety of online and multimedia components for digital communication. Students will use cutting-edge graphic design software such as Adobe Edesign (InDesign and Photoshop) and other digital imaging programs to prepare their work for submission to publishing companies. Students will take photographs and apply digital imaging and pre-production skills to report, write and design all copy throughout this technical and career-prep course. DSLR Cameras are provided for student use, but staff may purchase their own. Students also gain experience with advertising, marketing, public relations, and real-world business skills and may attend trips to conventions and workshops and earn recognition in state and national student media competitions. The final staff selection is based on grades, citizenship, and recommendations.

Prerequisite(s): Journalism or Photography or Instructor's waiver by application. Open to 10th and 11th graders.

PUBLICATIONS II: Yearbook II (1.0 credit) Fee: $37 050604
PUBLICATIONS III: Yearbook III (1.0 credit) Fee: $37 050699

Continuing publications students will be expected to fulfill various leadership and management roles as part of ZHS Student Media. Students will also be expected to peer coach, edit, plan, and produce student media and school publications as advanced designers, reporters, and photographers. In addition, the advanced course includes emerging technology, career shadowing opportunities, and a wide variety of advertising, marketing, and real-world business skills.

Prerequisite(s): Publications I (Yearbook I); Publications II (Yearbook II)

PUBLICATIONS I: Newspaper I (1.0 credit) Fee: $37 050605

Led by student editors, this class will be responsible for the production of the school newspaper, The Hoof Print. Students will be trained in the following areas: writing, photography, design, business, and emerging media. In addition, students will learn journalistic ethics and standards. The final staff selection is based on grades, citizenship, and recommendations. Those interested in maintaining the News website, Social Media, or Podcasting should choose this course.

Prerequisites: Journalism or Instructor's waiver by Application. Open to 10th and 11th graders.

PUBLICATIONS II: Newspaper II (1.0 credit) Fee: $37 050606
PUBLICATIONS III: Newspaper III (1.0 credit) Fee: $37 050699

Continuing Publications students will be expected to fulfill various leadership and management roles as part of ZHS Student Media. Students are expected to peer coach when planning, drafting, and completing written and visual communications regularly,

carefully examining the copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English. In addition, students are expected to become investigative consumers of media and technology to enhance their communication skills.

Prerequisites: Publications I (Newspaper I); Publications II (Newspaper II)

TV PRODUCTION I: WZHS (1.0 credit) Fee: $43 312800

Led by student producers, this course explores the fascinating world of visual storytelling using a cell phone or a DSLR camera. If you love telling stories and publishing videos on social media, this course will explain how to shoot, edit, and publish high-quality visual stories. Students also learn on professional video equipment to shoot the weekly broadcast, WZHS. In addition, they gain experience with industry-standard video editing software. In the first semester, emphasis is placed on scriptwriting, video recording, editing, converging media, and publication. They also create a commercial, public service announcement, and a sports hype video. In the second semester, they study and practice the elements of broadcast journalism, emphasizing news gathering, writing, and editing to create a reporter news package and a sports highlight package.

Prerequisite(s): Journalism, Digital Image & Motion Graphics or Instructor's waiver by Application. Open to 10th and 11th grade

TV PRODUCTION II: WZHS (1.0 credit) Fee: $43 312805
TV PRODUCTION III: WZHS (1.0 credit) Fee: $43 080000
TV PRODUCTION IV: WZHS (1.0 credit) Fee: $43 080005

Continuing production students will be expected to fulfill various leadership and management roles as part of ZHS Student Media. Students will also be expected to peer coach, edit, plan, and produce student media and school publications as advanced editors, reporters, and videographers. Emphasis is on the development of various media and video productions for a variety of audiences. In addition to WZHS, students in this course will produce several video projects a year.

Prerequisite(s): Journalism I; Publications I (Yearbook)

COLLEGE & CAREER PREPARATION

QUEST FOR SUCCESS (1.0 credit) 080411

This course has 8 units which are carefully planned to help students progress from knowing and being aware of themselves to leading responsibly and leveraging these skills in identifying personal and career goals and planning for the future. It includes a variety of industry-aligned performance tasks that simulate the real world of work and support the development of employability skills, such as collaboration, resource management, and communication. Students will also learn about high-growth, industry sectors and career pathways.

Prerequisite(s): None

COMPUTER ARCHITECTURE I—CompTIA A+ (1.0 credit) 061111
COMPUTER ARCHITECTURE II—CompTIA Network + (1.0 credit) 310800
COMPUTER ARCHITECTURE III—CompTIA Security+ (1.0 credit) 310805
COMPUTER ARCHITECTURE IV – Internship* (1.0 credit) 061198

In this series of courses, students will be taught basic computer maintenance, repair and troubleshooting techniques. With these skills, students will develop systematic problem-solving skills, teamwork, workplace readiness skills, ethics, reliability, record keeping, on-site job mentoring, and phone skills. Students will also disassemble several generations of computers and reassemble them, noting similarities and differences between the various models. As each computer is disassembled and reassembled, various faults will be inserted into them, and students will have to discuss in groups what the best solutions to the problem are.

Prerequisite(s): Instructor Approval based on application and teacher recommendations; Students must have a strong interest in being a Computer Technician. Limited Seats Available.

CTE INTERNSHIP I (1.0 credit) 080202

This course is designed to provide students an opportunity to apply learned skills in the workplace. Students obtain paid or unpaid internships or a part-time job, with local enterprises, and have release time from school to report to the job site. Emphasis will be placed on developing interpersonal skills, work ethics, relevant skills of the workplace, and an understanding of the selected career field of study. Oral and written communication skills are reinforced as students complete the workplace experience. Students will be required to complete an online component for the class. Students must have a job by July 31 or November 30 fo

Prerequisite(s): Must have a job or be in the process of obtaining a job; Open to qualifying 11th & 12th graders

FOUNDATIONS OF EDUCATION, Dual Enrollment (EDCI 2030) Fall 100678

See the course description on page 59

MULTICULTURAL LEARNING COMMUNITIES, Dual Enrollment (EDCI 2400) Spring 100677

See the course description on page 59

INTRODUCTION TO SOCIOLOGY, Dual Enrollment (SOC 101) 220601
See the course description on page 67

DUAL ENROLLMENT OPPORTUNITIES

General Course Requirements

The first two Dual Enrollment classes taken through ZHS will be free. Each DE course after will be $50.

Students must meet the requirements set forth below:

A. University's eligibility requirements

B. Louisiana Board of Regents Student Eligibility Requirements for Academic Courses
This section will be replaced by the 2026-2027 BOR requirements when they are released.

1. Student must have a 2.5 minimum high school GPA.

AND

2. Student must demonstrate subject-specific readiness in mathematics (for mathematics and science courses) or subject-specific readiness in English (for English, foreign language, history, social science, humanities, and arts survey courses) through either a minimum score on any assessment listed in the table below:

Assessment	English Minimum Score	Mathematics Minimum Score
ACT	18	19
SAT	500 ERW	510
PreACT	18	19
PSAT	25 WL	500
EOC	English II 740	Algebra I 760 or Geometry 750
LEAP 2025	English II Mastery	Geometry Mastery & Algebra II grade of C or higher
ACCUPLACER	86 Sentence Structure	70 (College Algebra)
ACCUPLACER NG	250 Writing	263 (QRAS)
ASPIRE	433	431
MAP	245	265

C. Additional Student Eligibility Requirements: Many university DE courses have prerequisite requirements in addition to those listed in parts A and B above. See the Course Catalog descriptions for specific details.

DUAL ENROLLMENT COURSES OFFERED ON CAMPUS

****The following DE courses are taught on our campus by Zachary High School teachers for college credit.****
****The following DE courses are part of various associate's and bachelor's degree pathways.****

ENGLISH III, Dual Enrollment (CENL 1013 English Composition I (Fall)) (1.0 credit) 120601
Can be paired with **ENGLISH IV, Dual Enrollment (CENL 1023 English Composition II)** – see below
ENGLISH IV, Dual Enrollment (CENL 1013 English Composition I (Fall) (1.0 credit) 120606
ENGLISH IV, Dual Enrollment (CENL 1023 English Composition II (Spring) (1.0 credit) 120607
English III and IV 1013 and 1023 Dual Enrollment provides students the opportunity to earn three hours of college credit each semester through our partnership with Southeastern Louisiana University (SLU). Students will write five essays according to guidelines provided by SLU. This course requires students to function at a much higher level of performance. Heightened critical analysis skills are essential for outside reading assignments, multi-modal assessments, and more stringent writing criteria. In addition to meeting the writing requirements of SLU's own English 101 course, this is also a survey course of British Literature that provides a broad overview of literary and cultural development from the Anglo-Saxon period through the twentieth century. Students will read extensively from multiple genres of literature of major writers. Concepts covered in this course include proficiency in producing writing specific to audience and purpose;

disseminating and synthesizing print, non-print, and technological sources; completing oral and written presentations; analyzing and evaluating the history of the English language, its literature, and its various literary genres; and sustaining mastery of grammar, mechanics, and usage of standard English in both written and oral form.

Prerequisite(s): University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses AND the following:

- *ACT composite score of 19 or higher*
- *ACT sub-score of 18 or higher in English*

ENGLISH, Introduction to Fiction, Dual Enrollment (Fall) (1.0 credit) 120614
ENGLISH, Introduction to Poetry, Dual Enrollment (Spring) (1.0 credit) 120616

This is a General Education course focused on skills for reading and writing about fiction, attention to generic conventions and critical perspectives.

Prerequisite(s): University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses and at least one of the following:

- *minimum ACT English score of 26 and minimum ACT English and Composite sum of 53*
- *minimum grade of "C-" in ENGL 1001 or equivalent*
- *minimum score of 3 on the AP English Language exam*
- *junior or senior and minimum grade of "B" in previous high school English course*

COLLEGE ALGEBRA, Dual Enrollment (Fall) (CMAT 1213) (1.0 credit) 160500

This course will cover the same topics that are covered in the 1st Semester of Pre-Calculus. Topics include: Solving Linear, Quadratic, Exponential, Logarithmic, Rational and Radical equations; graphing those equations; identifying and stating characteristics of functions; and being able to state domains and ranges of all functions. Students will receive 3 college credit hours at the end of this course.

Prerequisite(s): Per Southeastern Louisiana University, students must be classified as a Junior or Senior in high school to take this course or have enough credits to be considered a Junior (12.0 credits). University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses AND the following:

- *ACT Composite score of 19 or higher*
- *ACT Math sub-score of 19 or higher*
- *ACT English sub-score of 18 or higher*

TRIGONOMETRY, Dual Enrollment (Spring) (CMAT 1223) (1.0 credit) 160501

This course will cover the same topics as the 2nd Semester of Pre-Calculus. Topics include Introductions to Trig Functions; Right Triangle Trigonometry; The Unit Circle; Sine, Cosine, Tangent, Cosecant, Secant, and Tangent Graphs; Inverse Trig Functions; Trig Equations; Trig Identities; Half and Double Angle Properties; Law of Sines; and Law of Cosines. Students will receive 3 college credit hours at the end of this course.

Prerequisite(s): Per Southeastern Louisiana University, students must be classified as a Junior or Senior in high school to take this course or have enough credits to be considered a Junior (12.0 credits). University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses AND the following:

- *ACT Composite score of 19 or higher*
- *ACT Math sub-score of 19 or higher*
- *ACT English sub-score of 18 or higher*

DIFFERENTIAL CALCULUS - MATH 1530 (Fall), Dual Enrollment 160498

[LCCN: CMAT 2113 Differential Calculus] This is an LSU Integrative Learning Core (formerly General Education) approved course. Math 1530 and Math 1540 together cover the material of Math 1550. Credit will not be given for this course and MATH 1431, MATH 1550, or MATH 1551. Limits and derivatives of algebraic, exponential, logarithmic, and trigonometric functions, with applications.

Prerequisite: University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses AND the following:

- *Minimum score of 76 on LSU ALEKS Calculus Placement Test*

INTEGRAL CALCULUS - MATH 1540 (Spring), Dual Enrollment 160499

[LCCN: CMAT 2116 Integral Calculus] This is an LSU Integrative Learning Core (formerly General Education) approved course. Credit will not be given for this course and MATH 1431, MATH 1550, or MATH 1551. Integrals of algebraic, exponential, logarithmic, and trigonometric functions, with applications.

Prerequisite: University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses AND the following:

- *minimum grade of "C-" in MATH 1530 (satisfies ALEKS Math score from BOR Table due to min ALEKS score of 76 required for MATH 1530)*

WORLD HISTORY I, beginning to 1500, Dual Enrollment (CHIS 1113 World History I) 220450

This is a General Education course focused on developments and interactions among Asian, African, European, American, and Oceanian cultures in the pre-modern age. Students will learn fundamentals of historical analysis by examining and writing about both primary and secondary sources.

Prerequisite(s): University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses

WORLD HISTORY II, Since 1500, Dual Enrollment (CHIS 1123 World History II) 220451

This is a General Education course focused on the interactions among Asian, Middle Eastern, African, European, and American cultures in the modern era. Students will learn fundamentals of historical analysis by examining and writing about primary and secondary sources.

Prerequisite(s): University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses

FOUNDATIONS OF EDUCATION, Dual Enrollment (EDCI 2030 Teaching, Schooling, and Society) (Fall) 100678

This course introduces students to education, the teaching profession, and topics related to the history and philosophy of education with a focus on teaching in early childhood and elementary schools. The course covers topics including the classroom community, curriculum and standards, individual student needs, ethical and legal issues, and technology. In addition, students will explore social, economic, and cultural aspects of schooling, teaching, and learning. The course gives students an opportunity to engage in reflective exercises about what it means to be both a teacher and a student in our multicultural society. Students will have weekly experiences in local early childhood and elementary classrooms where they will observe and gain experience working with children.

Prerequisite(s): University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses

MULTICULTURAL LEARNING COMM, Dual Enrollment (EDCI 2400 Education and Diverse Populations) (Spring) 100677

This course is designed to help educators examine how race, ethnicity, and culture influence students' experiences in school and to help implement a multicultural approach to teaching. This course provides educators with the knowledge and concepts they need to develop appropriate, informed, and sensitive responses to the rich diversity of student learners in the classroom. We will explore cultural assumptions, attitudes, and values that shape our perceptions and predicate our actions. This exploration will prepare practitioners for enlightened citizenship and effective teaching in a multicultural society.

Prerequisite(s): University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses

ANIMAL SCIENCE, Dual Enrollment (optional in AgriScience III)

The course presents fundamental principles and functions important in animal science. The scientific underpinnings of modern animal science are presented, with emphasis on nutrition, reproduction, animal domestication and behavior, animal welfare and rights, genetics, and growth.

Prerequisite(s): University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses

PLANT SCIENCE, Dual Enrollment (optional in AgriScience III)

Students study basic plant morphology, classification, propagation, and crop improvement along with growth and development of crop plants. Students are introduced to soils, climate, and plant protection.

Prerequisite(s): University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses

DUAL ENROLLMENT COURSES OFFERED ONLINE

****The following DE courses are part of various associate's and bachelor's degree pathways and are taught online by professors at different colleges and universities. ****
****Students will be scheduled for a study lab class at ZHS.****
****If students are interested in any additional online DE courses not listed, see your school counselor for information.****

GENERAL BIOLOGY I, Science Majors (CBIO 1033 General Biology I), Dual Enrollment 150324
This is a General Education course for science/engineering curricula. General concepts in cellular structure, cellular metabolism, cellular communication, and genetics.

Prerequisite(s): University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses

GENERAL BIOLOGY II, Science Majors (CBIO 1043 General Biology II), Dual Enrollment 150326
This is a General Education course for science/engineering curricula. General concepts in evolution, ecology, and the function of organisms.

Prerequisite(s): University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses and at least one of the following:

- *minimum grade of "C-" in BIO 1201*

GENERAL CHEMISTRY I, Science Majors (CCEM 1123 Chemistry I), Dual Enrollment 150420
This is a General Education course for science/engineering curricula. Modern chemical theories and principles; quantitative approach and problem solving; descriptive chemistry of selected elements and compounds.

Prerequisite(s): University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses and at least one of the following:

- *minimum Math ACT score of 25 (or SAT 590)*
- *minimum grade of "C-" in MATH 1021*
- *credit or concurrent enrollment in MATH 1022 Trigonometry or with permission of instructor*

GENERAL CHEMISTRY II, Science Majors (CCEM 1133 Chemistry II), Dual Enrollment 150422
This is a General Education course for science/engineering curricula. Continuation of CHEM 1201. Additional theory with emphasis on solution chemistry and a quantitative approach; descriptive chemistry of selected elements and compounds from the main groups and the first transition series.

Prerequisite(s): University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses AND the following:

- *minimum grade of "C-" in CHEM 1201*

AFRICAN AMERICAN HISTORY, Dual Enrollment (CHIS 2103 African American History) 220511
This course will provide an overview of African American history from the late fourteenth century to the present.

Prerequisite(s): University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses

INTRODUCTION TO SOCIOLOGY (SOC 101), Dual Enrollment 220601
This is a general education course focused on sociological perspective that enables students to understand an array of societal challenges. Students learn to develop innovative opportunities and solutions to lead the educational, economic, and cultural development of southeast Louisiana and beyond.

Prerequisite(s): University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses

PSYCHOLOGY, Dual Enrollment (CPSY 2013 Intro to Psychology) 225011
A survey of the science of behavior of man and other animals, and psychology as a biosocial science. Topics may include the scientific method, history of psychology, learning, development, personality, social psychology, and psychopathology.

Prerequisite(s): University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses

INTRODUCTION TO ART, Dual Enrollment (CART 1023 Introduction to Visual Arts) 030592

Introduces a survey of the visual arts with emphasis on how and why works have been created in our own and earlier times. All major forms of drawing, painting, printmaking, sculpture, design and architecture are explored in basic terms.

Prerequisite(s): University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses

INTRODUCTION TO MUSIC (CMUS 1013 Music Appreciation), Dual Enrollment 030590

A non-technical course open to all interested persons. Designed to increase the response to music through a knowledge of the art and development of perceptive listening skills. Opportunities provided to attend concerts and recitals, as well as actively listening and responding to approved concert recordings on-line.

Prerequisite(s): University's requirements AND LA Board of Regents Student Eligibility Requirements for Academic Courses

SPECIAL EDUCATION

*****These courses are for students who are identified as Special Education and have an IEP.*****

APPLIED ELA I 500051
APPLIED ELA II 500056
APPLIED ELA III 500057
APPLIED ELA IV 500058

These courses are designed to provide students with grade level and age appropriate literature materials, including poems, biographies, chapter books, fiction and non-fiction works that are adapted to the students' reading level. Students will participate in discussions to express an opinion, share ideas and information, and ask and respond to questions relevant to the topic. The course content reflects significant modification of the core curriculum to meet the individual needs of the student.

APPLIED MATH I 500052
APPLIED MATH II 500059
APPLIED MATH III 500060
APPLIED MATH IV 500061

These courses are designed to provide students with instruction related to the development of mathematical concepts, including addition, subtraction, comparing quantities, money, time, and using measurements required in daily living activities. The course content reflects significant modification of the core curriculum to meet the individual needs of the student.

APPLIED SCIENCE I 500053
APPLIED SCIENCE II 500062
APPLIED SCIENCE III 500063
APPLIED SCIENCE IV 500064

These courses will provide students with instruction related to functional science activities, including identification of objects, comparison of the physical properties and attributes of objects, knowledge of basic weather, and the understanding of plants, animals, body parts, and senses. The course content reflects significant modification of the core curriculum to meet the individual needs of the student.

APPLIED SOCIAL STUDIES I 500054
APPLIED SOCIAL STUDIES II 500065
APPLIED SOCIAL STUDIES III 500066
APPLIED SOCIAL STUDIES IV 500067

These courses are designed to provide students with instruction on skills and concepts related to events, people, and themes in the community and in history. The course content reflects significant modification of the core curriculum to meet the individual needs of the student.

STUDY SKILLS I 500100
STUDY SKILLS II 500101
STUDY SKILLS III 500102
STUDY SKILLS IV 500103

These courses are designed to assist students with learning, understanding, and reinforcing concepts and/or assignments presented in the general curriculum. Students will have the opportunity to develop and strengthen good study habits and learning strategies through various instructional methods and strategies.

TRANSITION: FOUNDATIONAL EMPLOYMENT SKILLS 500204
This course is designed to introduce students to the transition services planning process. Instruction will include workforce-readiness skills and concepts, including general work habits (timeliness and staying on task), relationships within the work environment (listening to feedback and working with others), work attitudes (demonstrating initiative and setting personal goals), and communication skills (customer service and problem-solving).

TRANSITION: EMPLOYMENT SAMPLING I 500200
TRANSITION: EMPLOYMENT SAMPLING II 500216
TRANSITION: EMPLOYMENT SAMPLING III 500217
TRANSITION: EMPLOYMENT SAMPLING IV 500218
These courses will introduce students to a variety of occupations aligned with the 16 National career clusters. Instruction and activities will include ongoing transition assessments that explore students' vocational interests, job seeking skills, and employability skills.

TRANSITION: EMPLOYMENT I 500201
TRANSITION: EMPLOYMENT II 500219
TRANSITION: EMPLOYMENT III 500220
TRANSITION: EMPLOYMENT IV 500221
These courses are designed to allow students to apply the skills obtained in Employment Sampling on actual job sites. Instruction and activities will include job seeking skills, employability skills, competitive employment, supported employment job shadowing, volunteer work, and possible internships.

TRANSITION: EDUCATION/TRAINING I 500202
TRANSITION: EDUCATION/TRAINING II 500222
TRANSITION: EDUCATION/TRAINING III 500223
TRANSITION: EDUCATION/TRAINING IV 500224
These courses are designed to address skills that prepare students to actively explore post-secondary education options. Instruction will address various options, such as universities, community college, and vocational training programs. Activities will include completing applications, accessing disability service offices, and identifying financial aid and scholarship opportunities.

TRANSITION: INDEPENDENT LIVING I 500203
TRANSITION: INDEPENDENT LIVING II 500225
TRANSITION: INDEPENDENT LIVING III 500226
TRANSITION: INDEPENDENT LIVING IV 500227
These courses are designed to address those skills or tasks that contribute to successful independent functioning in adulthood. Instruction will include personal care, recreation and leisure, community participation, use of public transportation, and personal finances. Activities will include accessing community resources, such as vocational rehabilitation and developmental disabilities services.

STEM PATHWAYS

*****It is highly recommended that incoming 9th graders have a C or better in Math & Science in 8th grade in order to take a STEM course.*****
*****All students are expected to hold and maintain a 2.0 unweighted GPA in the STEM courses.*****

INTRODUCTION TO COMPUTATIONAL THINKING - LSU Partnership (1.0 credit) 061140
This course introduces students to the basic ideas of computational thinking and its applications to problem solving in STEM fields. Students will use an open source, Web-based programming environment to create code for simple drawings, animations and simulations, through which they learn how to use abstraction, decomposition and pattern recognition to model problems and arrive to an algorithmic solution. Students taking Algebra I concurrently with this course will benefit the most.
Prerequisite(s): None

LSU DIGITAL DESIGN & EMERGENT MEDIA

DIGITAL STORYTELLING - LSU Partnership (1.0 credit) 040241
***DOES fulfill the Art requirement for the TOPS diploma
This is a project-based learning (PBL) inspired course that utilizes a PBL assessment guide in addition to thoughtful integrated learning. Throughout the course, experimentation and the practice of storytelling through the lenses of multiple mediums allows students to develop

narrative reasoning skills, while simultaneously giving them a realm to be creative and challenged. The purpose of this course is to get our students to become creators rather than just consumers. The course focuses on content creation, specifically in the realms of: Visual, Auditory, Video-graphic, and Interactive Storytelling.

Prerequisite(s): None

CODING FOR THE WEB – LSU Partnership (1.0 credit) 040244

Coding for the web is an introductory course focusing on the foundational programming concepts in web development, such as: functions, loops, conditional statements, async functions, lambdas, as well as analyzing and solving problems like a programmer. Though this course is utilizing, HTML5, CSS3, JSS, and ES6, this is not a "web design" course. The main goal of this course is to develop students who have the ability to think critically about how to solve problems using computational thinking and good old-fashioned troubleshooting.

Prerequisite(s): None

PROGRAMMING FOR DIGITAL MEDIA – LSU Partnership (1.0 credit) 040243

This course will introduce a broad array of topics related to digital media through project- oriented programming of graphics, audio, and hardware applications. The motivation for this course is to provide a basic introduction to computer programming using subjects that are relevant or appealing to students who are new to technological fields of study, with little to no prior programming experience. After an introduction to coding concepts, the course will focus on real-time graphics rendering and user interaction, sound design, basic electronics and physical computing, and communication mechanisms.

Prerequisite(s): None

VIDEO GAME DESIGN – LSU Partnership (1.0 credit) 080022

The Game Design in Unity course teaches the fundamentals of designing a game using the world's most widely accessed and preferred editing engine. This course intends to prepare high school students with the industry-related skills needed for the workplace and higher learning environments. Students illustrate comprehension of game design skills and apply their knowledge using the Unity game engine. By the end of this course, they will understand the design planning process, be knowledgeable of industry-related careers, and navigate the Unity environment to create 3D games.

Prerequisite(s): Intro to Computational Thinking or Digital Storytelling is strongly recommended.

LSU PRE-ENGINEERING

INTRODUCTION TO ENGINEERING DESIGN - LSU Partnership (1.0 credit) 110801

This course is designed to introduce the profession, ethics, and diversity of the field of engineering to students in their first year of high school. The course will allow students to explore the 10 primary concentrations within engineering by listening to guest speaker lectures, working on an interactive project with a team, and presenting the results of their project to the class. Specifically, this course will emphasize that the engineer is a team worker who needs strong skills in technical problem solving, engineering design, ethical decision making, and communicating to diverse audiences.

Prerequisite(s): None

ROBOTICS – LSU Partnership (1.0 credit) 150780
ADVANCED ROBOTICS – LSU Partnership (1.0 credit) 150730

This beginning robotics course uses VEX EDR Robotics parts and RobotC software to introduce the student to basic programming, as well as problem solving strategies. This course will involve students in the development, building and programming of robots to accomplish various tasks. Students will work hands-on in teams to design, build, program, and document their progress.

Prerequisite(s): Intro to Computational Thinking or Introduction to Engineering

PRINCIPLES OF ENGINEERING – LSU Partnership (1.0 credit) 110864

This course will allow students to experience a more in-depth understanding of the 10 primary engineering disciplines that they were exposed to in the Introduction to Engineering course. Students will spend approximately 3 weeks exploring each discipline through concept lectures and hands-on projects, in which students will learn electrical circuitry, computer programming on Arduino's, Rube Goldberg machines, basic 3D modeling, and pneumatics/hydraulics.

Prerequisite(s): Introduction to Engineering

ENGINEERING DESIGN & DEVELOPMENT – LSU Partnership (1.0 credit) 110861

This course will provide students with the skills necessary to understand and interpret engineering drawings and working sketches. The student will also learn to construct 3D models and engineering drawings using computer-aided design, CAD. In addition to working on developing spatial reasoning and technical drawing skills, students will develop technical writing skills and certain soft skills through journal article reflections, work ethic lessons, and oral presentations on various topics throughout the semester.

Prerequisite(s): Introduction to Engineering

Zachary High School
STEM Pathways

LSU Digital Design and Emergent Media:

- Designed for Cohort of 2028 and after; Cohort of 2027 has slightly different requirements
- Students are immersed in the 21st century field of digital and media production. This STEM pathway specializes in developing skills and creativity through digital programming and coding, media arts, and the web.
- Related Careers: Computer and Software Engineering, Computer Science, Graphic Design, Web Design, IT

Silver Seal	4 core classes	• Digital Storytelling • Media Arts I • Intro to Programming or Programming for Digital Media** • Coding for the Web** or Fundamentals of HTML
Gold Seal	4 classes above PLUS 4 additional classes	Choose 3: • AP Computer Science A • Coding for the Web** • Video Game Design Choose 1: • Pre-Calculus • Trigonometry DE • Biology II AP • Chemistry II AP • Environmental Science AP • Physics I AP • Calculus AB or BC AP • Probability & Statistics AP • Psychology AP • General Biology I/II DE • Earth Science

**Courses have not made at ZHS due to low enrollment

Sample Schedules:

9th grade	10th grade	11th grade	12th grade
• Algebra I • Government • English I • Physical Science • PE / Health / JROTC • Intro to Comp Thinking • ***Media Arts I***	• Geometry • World Geography • English II • Biology • PE / JROTC • Foreign Lang #1 • ***Digital Storytelling***	• Algebra II • US History • English III • Chemistry • Foreign Lang #2 • ***Prog for Digital Media*** • ***Video Game Design***	• World History • English IV • ***Chemistry II AP*** • ***Pre-Calculus*** • ***Coding for the Web*** • ***Fundamentals of HTML*** • ***Computer Science AP***
• Geometry • Govt & Politics AP • English I • ***Environmental Sci AP*** • PE /JROTC • Foreign Lang #1 • ***Media Arts I*** 8th grade: Algebra I, Health	• Algebra II • Human Geo AP • English II • Biology • Foreign Lang #2 • Art elective • ***Digital Storytelling***	• US History • English III • Chemistry • PE / Elective / JROTC • ***Prob & Stats AP*** • ***Prog for Digital Media*** • ***Video Game Design***	• English IV • ***Psychology AP*** • ***Physics I AP*** • ***Computer Science AP*** • ***Coding for the Web*** • ***Video Game Design***
• Geometry • Govt & Politics AP • English I • Environmental Sci AP • Foreign Lang #2 • Intro to Comp Thinking • ***Media Arts I*** 8th grade: Algebra I, Foreign Lang #1, Health	• Algebra II • Human Geo AP • English II • Biology • PE / JROTC • ***Digital Storytelling*** • ***Video Game Design***	• US History AP • English III DE / Eng IV DE • Chemistry • PE / Elective / JROTC • ***Prob & Stats AP*** • ***Calculus AB AP*** • ***Computer Science AP***	• Euro History AP • ***Physics I AP*** • ***Intro to Programming*** • ***Fundamentals of HTML*** • ***Coding for the Web***

Students are not bound to the schedules above. Please speak to your child's counselor.

* LSU Digital Design + Emergent Media - Cohort of 2027

STEM PATHWAY

CORE COURSES: ART MATH SCIENCE

Required Courses (4)			
Course Title	**Course Code**	**Carnegie Credits**	**5-Point Scale**
Digital Story Telling (LSU Partnership)	040241	1	
Programming for Digital Media (LSU Partnership)	040243	1	
Coding for the Web (LSU Partnership)	040244	1	
Intro to Computational Thinking for STEM (LSU Partnership)	061140	1	
Additional Courses (choose 4)			
Course Title	**Course Code(s)**	**Carnegie Credits**	**5-Point Scale**
Interactive Digital Media Capstone (LSU Partnership)	040245	1	
Sound Design (LSU Partnership)	080020	1	
Digital Image and Motion Graphics (LSU Partnership)	080021	1	
Data Manipulation and Analysis (LSU Partnership)	080532	1	
Programming for Engineers (LSU Partnership)	144300	1	
Film and TV (LSU Partnership)	080024	1	
Basic/Advanced Film (LSU Partnership)	080023	1	
Video Game Design (LSU Partnership)	080022	1	
AP Calculus AB **OR** Calculus: DE CMAT 2113-5 Calculus 1	160327 160506	1 1	✓ ✓
AP Calculus BC **OR** Calculus: DE CMAT 2125-5 Calculus 2	160328 160507	1 1	✓ ✓
Statistical Reasoning* **OR** AP Statistics	165031 160352		
AP Computer Science Principles	061177	1	
AP Computer Science A	061175	1	✓
Biology I/II DE CBIO 1033 General Biology I (Sci Majors)	150322/150324	1	✓
Biology II: DE CBIO 1043 General Biology II (Sci Majors)	150326	1	✓
Chemistry I/II: DE CCEM 1123 General Chemistry I (Sci Majors)	150415/150420	1	✓
Chemistry II: DE CCEM 1133 General Chemistry II (Sci Majors)	150422	1	✓
Physics II **OR** Physics 1: CPHY 2113 Physics I (Algebra/Trig Based) **OR** Physics 1 CPHY 2133 Physics 1 (mech) (Calculus Based)	150701 150726 150728	1 1 1	 ✓ ✓
Photography I	312400	1	
Photography II	312405	1	
AP Studio Art 3-D Design	030508	1	✓
Motion Graphics	080816	1	
For Jump Start Tops Tech Diploma: Required Career Readiness Courses (1)			
Course Title	**Course Code(s)**	**Carnegie Credits**	**5-Point Scale**
Intro to STEM Pathways and Careers: LSU Partnership	061139	1	
Quest for Success	080411	1	
Agriscience I	010301	1	
Jobs for America's Graduates I	042010	1	
General Technology Education (Introduction to Skilled Crafts)	110010	1	
Introduction to Health Occupations	090029 **OR** 090930	1	

Course counts on a 4-point scale

For full Pathway information, visit the JumpStart graduation pathway page.

UNIVERSAL DOCUMENTS

CDF ELIGIBLE COURSES • JUMP START FUNDING • UNIVERSAL COURSE CODES

LSU Pre-Engineering:

- Designed for Cohort of 2028 and after; Cohort of 2027 has slightly different requirements
- Students are immersed in the fundamentals of various types engineering and robotics through the use of hands on projects. This STEM Pathway is designed to introduce students to the profession of engineering and to build skills necessary to understand and interpret engineering concepts.
- Related Careers: Biological, Chemical, Electrical, Mechanical, and Petroleum Engineering; Construction Management, Surveyor, Drafting

Silver Seal	4 core classes	• Intro to Engineering Design • Intro to Computational Thinking • Principles of Engineering • Engineering Design & Development**
Gold Seal	4 core classes above PLUS 4 additional classes	Choose any 2: • Robotics • Advanced Robotics
		Choose 1: • AP Computer Science A
		Choose 1: • Pre-Calculus • Trigonometry DE • Biology II AP • Calculus AB or BC AP • Chemistry II AP • Environmental Science AP • Physics I AP • Probability & Statistics AP • Psychology AP • General Biology I/II DE • Earth Science

**Courses have not made at ZHS due to low enrollment

Sample Schedules:

9th grade	10th grade	11th grade	12th grade
• Algebra I • Government • English I • Physical Science • PE / Health / JROTC • Foreign Lang #1 • ***Intro to Comp Thinking***	• Geometry • World Geography • English II • Biology • PE / JROTC • Foreign Lang #2 • ***Intro to Eng Design***	• Algebra II • US History • English III • Chemistry • Art elective • ***Robotics*** • ***Princ of Engineering***	• World History • English IV • ***Pre-Calculus*** • ***Physics I AP*** • ***Computer Science AP*** • ***Engineering Design & Dev*** • ***Advanced Robotics***
• Geometry • Govt & Politics AP • English I • PE / JROTC • Foreign Lang #1 • ***Environmental Sci AP*** • ***Intro to Comp Thinking*** 8th grade: Algebra I, Health	• Algebra II • Human Geo AP • English II • Biology • PE / Elective / JROTC • Foreign Lang #2 • ***Intro to Eng Design***	• Pre-Calculus • US History AP • English III • Chemistry • Art elective • ***Principles of Engineering*** • ***Robotics***	• English IV • ***Psychology AP*** • ***Calculus AB or BC AP*** • ***Physics I AP*** • ***Engineering Design & Dev*** • ***Advanced Robotics*** • ***Computer Science AP***
• Geometry • Govt & Politics AP • English I • PE / JROTC • Foreign Lang #1 • ***Environmental Sci AP*** • ***Intro to Comp Thinking*** 8th grade: Algebra I, Foreign Lang #2, Health	• Algebra II • Human Geo AP • English II • Biology • PE / Elective / JROTC • Art elective • ***Intro to Eng Design***	• Pre-Calculus • US History AP • English III AP • Chemistry • ***Robotics*** • ***Physics I AP*** • ***Prob & Stats AP***	• World History AP • English IV AP • ***Calculus AB or BC AP*** • ***Engineering Design & Dev*** • ***Principles of Engineering*** • ***Advanced Robotics*** • ***Computer Science AP***

Students are not bound to the schedules above. Please speak to your child's counselor.

*LSU Pre-Engineering - Cohort of 2027

STEM PATHWAY

CORE COURSES: ART MATH SCIENCE

LSU Track		PLTW Track	
Required Courses (4)		**Required Courses (4)**	
Course Title	**Course Code**	**Course Title**	**Course Code**
Intro to Engineering Design (LSU Partnership)	110801	PLTW Intro to Engineering Design	110802
Intro to Computational Thinking for STEM (LSU Partnership)	061140	PLTW Principles of Engineering	080109
Robotics (LSU Partnership)	150780	PLTW Engineering Design and Development	110862
Engineering Design and Development (LSU Partnership) **OR**	110861	Computer Integrated Manufacturing **OR**	110850
Principles of Engineering (LSU Partnership)	110864	PLTW Civil Engineering and Architecture **OR** AP Computer Science Principles	110841 061177

Additional Courses (choose an additional 4)			
Course Title	**Course Code**	**Carnegie Credits**	**5-Point Scale**
Engineering Economy (LSU Partnership)	144200	1	
Principles of Engineering (LSU Partnership)	110864	1	
Engineering Design & Development (LSU Partnership)	110861	1	
Programming for Engineers (LSU Partnership)	144300	1	
Data Manipulation and Analysis (LSU Partnership)	080532	1	
Robotics: Advanced (1 Credit)	150730	1	
PLTW Engineering Essentials	110859	1	
PLTW Aerospace Engineering	110831	1	
PLTW Civil Engineering and Architecture	110841	1	
PLTW Digital Electronics	110821	1	
PLTW Environmental Sustainability	312098	1	
PLTW Computer Science Essentials	061100	1	
Computer Integrated Manufacturing (1 credit)	110850	1	
AP Computer Science Principles	061177	1	
AP Computer Science A	061175	1	✓
Advanced Math-Pre-Calculus: DE-CMAT 1223 Trigonometry	160501	1	✓
AP Calculus AB **OR**	160327	1	✓
Calculus: DE CMAT 2113-5 Calculus I	160506	1	✓
AP Calculus BC **OR**	160328	1	✓
Calculus: DE CMAT 2125-5 Calculus II	160507	1	✓
Statistical Reasoning **OR**	165031	1	
AP Statistics **OR**	160352	1	✓
Probability and Statistics: DE CMAT 1303	106356	1	✓
Biology II **OR**	150302	1	
Biology II: AP Biology **OR**	150307	1	✓
Biology: DE - CBIO 1013 General Biology I **OR**	150321	1	✓
Biology I: DE CBIO 1033 General Biology I (Sci Majors) **OR**	150322	1	✓
Biology II: DE CBIO 1033 General Biology I (Sci Majors)	150324	1	✓
Biology II: DE CBIO 1043 General Biology II (Sci Majors)	150326	1	✓
Chemistry II **OR**	150402	1	
AP Chemistry **OR**	150410	1	✓
Chemistry I: DE - CCEM 1103 Chemistry I **OR**	150414	1	✓
Chemistry I: DE CCEM 1123 General Chemistry I (Sci Majors) **OR**	150415	1	✓
Chemistry II: DE CCEM 1123 General Chemistry I (Sci Majors)	150420	1	✓
Chemistry II: DE CCEM 1133 General Chemistry II (Sci Majors)	150422	1	✓

Additional Courses (choose an additional 4)			
Course Title	Course Code	Carnegie Credits	5-Point Scale
Physics II **OR**	150701	1	
Physics I: AP Physics I- Algebra Based **OR**	150724	1	✓
Physics: AP Physics II - Algebra Based **OR**	150725	1	✓
AP Physics C: Electricity and Magnetism **OR**	150794	1	✓
AP Physics C: Mechanics **OR**	150795	1	✓
Physics I: DE CPHY 2113 Physics I (Algebra/Trig Based) **OR**	150726	1	✓
Physics I: DE CPHY 2133 Physics I (Caclulus Based)	150728	1	✓
Environmental Science **OR**	150310	1	
AP Environmental Science	150311	1	✓

For Jump Start Tops Tech Diploma: Required Career Readiness Courses (1)			
Course Title	Course Code(s)	Carnegie Credits	5-Point Scale
Intro to STEM Pathways and Careers: LSU Partnership	061139	1	
Quest for Success	080411	1	
Agriscience I	010301	1	
Jobs for America's Graduates I	042010	1	
General Technology Education (Introduction to Skilled Crafts)	110010	1	
Introduction to Health Occupations	090029 **OR** 090930	1	

For full Pathway information, visit the JumpStart graduation pathway page.

UNIVERSAL DOCUMENTS

CDF ELIGIBLE COURSES • JUMP START FUNDING • UNIVERSAL COURSE CODES

CTE INTERNSHIP

We are excited to introduce a new opportunity for our high school students: the Career and Technical (CTE) Internship program. This program is designed to help students gain valuable hands-on experience in the workforce while still in high school. Participation in this program will allow students to build essential skills, explore career interests, and enhance their resumes before graduation. Emphasis will be placed on interpersonal skills, work ethic, skills of the workplace, and oral and written communication. Our goal is to ensure that students gain meaningful work experience while balancing their academic responsibilities.

To participate as a Junior, students must meet the following eligibility requirements:

- Cohort of 2028
- Secure a part-time job by July 31, 2026, or secure a part-time job by November 30, 2026, for Spring enrollment.
- Hold and maintain at least a 2.5 GPA
- Score Basic or above on all Leap 2025 tests taken
- Be in good standing with the school regarding attendance, discipline, and academic performance
- Have their own transportation to the job site
- *****Students will be allowed to leave school after 6th hr*****

To participate as a Senior, students must meet the following eligibility requirements:

- Cohort of 2027 or be an Early Graduate for Cohort of 2028
- Secure a part-time job by July 31, 2026, or secure a part-time job by November 30, 2026, for Spring enrollment.
- Have their own transportation to the job site
- *****Students will be allowed to leave school after their last required course*****

Important notes:

- We strongly encourage students to seek positions that relate to their interest to maximize the benefits of this experience, but it is not required.
- Students should secure their own paid, part-time employment as soon as possible.
- Students shall meet legal age requirements for work and must hold a valid employment certificate signed by the employer and issued through the school.
- Students will receive a grade and 1 carnegie credit on their transcript to be used as an elective. This also counts as universal Jump Start elective.
- This program/course can also be taken in addition to the student's 7 classes during their Junior year.
- Students will be required to complete an online component as part of the class.
- There may be limited internship positions available through the school, but these will be application-based and competitive. (Bank of Zachary, MIS Technology Group, etc.)
- A job verification process will be in place to ensure students maintain employment and fulfill program requirements, including a teacher to conduct on-the-job observations and proof of hours worked.
- Students must complete 106 hours of work and 27 hours of virtual instruction during the school year to receive 1 Carnegie unit.

ZACHARY HIGH SCHOOL

4100 Bronco Lane Zachary, LA 70791
Phone: 225.654.2776 Fax: 225.658.0010
www.zacharyhigh.org

2026 SUMMER SCHOOL NEW CREDIT

February 24, 2026

Parents,

Students will have the opportunity to earn **NEW** credit by taking online courses through Zachary High School. The courses will be offered through Edgenuity.

Guidelines:

- Dates: June1 – June 18
- Anticipated fee: $50 per ½ credit or $100 for a full credit course - Cash or Check only (made out to ZHS). Payments must be turned in with this form.
- The maximum number of courses that can be taken this summer is 1 Carnegie credit.
- If a student is enrolled in credit recovery, then new credit courses cannot be taken.
- Students cannot take a LEAP 2025 course or a foreign language course. The available course options are listed below.
- All courses will be the standard weighted courses.
- If students have not completed the course by June 18 at 11:59 PM, an F will be added to the transcript.
- Teachers will be assigned to monitor the coursework and for any questions.
- Students will work on the course at home.
- Seniors 2027: Online courses must be completed prior to August of your Senior year. Do not wait until your Senior year to take these courses online. If there is room in your Senior schedule, then students will be scheduled for the in-person course rather than online.

The attached registration form must be completed and returned to the counseling office by May 21 at 12:00 PM. If you have additional questions, please contact your child's counselor or administrator via email or by phone at 225-654-2776.

Chandra Brown, Cohort of 2027
chandra.brown@zacharyschools.org

MaRanda Gilmore, Cohort of 2028
maranda.gilmore@zacharyschools.org

Shae Lipscomb, Cohort of 2029
shae.lipscomb@zacharyschools.org

New Credit Courses

- Algebra III
- Earth Science
- Environmental Science
- English III
- English IV
- Financial Literacy
- Technical Writing
- Health (1/2)
- PE (1/2)
- PE (full year)
- World Geography
- World History
- IBCA
- Law Studies
- Keyboarding (1/2)
- Customer Service (1/2)
- Personal Finance (1/2)
- Quest for Success
- Principles of Business
- Speech I
- Medical Occupations

Sincerely,

Lindsey Spence

Lindsey Spence
Principal

2026 SUMMER SCHOOL NEW CREDIT
Registration Form

Student Name: _____
(Last) (First)

Student Email Address: _____

Parent/Guardian Name(s): _____

Home Phone: _____ Parent cell: _____ Student cell: _____

Parent Email Address: _____

Guidelines:

- Dates: June 1 – June 18
- Anticipated fee: $50 per ½ credit or $100 for a full credit course - Cash or Check only (made out to ZHS). Payments must be turned in with this form.
- The maximum number of courses that can be taken this summer is 1 Carnegie credit.
- If a student is enrolled in credit recovery, then new credit courses cannot be taken.
- Students cannot take a LEAP 2025 course or a foreign language course. The available course options are listed below.
- All courses will be the standard weighted courses.
- If students have not completed the course by June 18 at 11:59 PM, an F will be added to the transcript.
- Teachers will be assigned to monitor the coursework and for any questions.
- Students will work on the course at home.
- Seniors 2027: Online courses must be completed prior to August of your Senior year. Do not wait until your Senior year to take these courses online. If there is room in your Senior schedule, then students will be scheduled for the in-person course rather than online.

By signing below, you agree to the above guidelines listed.

_____
Student Signature

_____
Parent Signature

Course requested: _____

Zachary High School Course Request 2026 – 2027

Last Name: _____ **First Name:** _____ **Grade:** _____

_____ TOPS University _____ TOPS Tech (Jump Start) Pathway: _____

ENGLISH

____ English I
____ English I **(H)**
____ English I **Gifted**
____ English II
____ English II **(H)**
____ English II **Gifted**
____ Business English
____ English III
____ English III **(H)**
____ English III **(AP)**
____ English III **(DE 1013)**
____ English III **Gifted (AP)**
____ Technical Writing
____ English IV
____ English IV **(AP)**
____ English IV **Gifted (AP)**
____ English IV **(DE 1013)**
____ English IV **(DE 1023)**
____ English-Fiction & Poetry **(DE)**

MATH

____ Algebra I
____ Algebra I **(H)**
____ Geometry
____ Geometry **(H)**
____ Math Essentials
____ Algebra II
____ Algebra II **(H)**
____ Financial Literacy
____ Algebra III
____ Pre-Calculus
____ Pre-Calculus **(H)**
____ Prob. & Stats **(AP)**
____ Calculus **(AP) - AB**
____ Calculus **(AP) – BC**
____ AP Comp Science A **(AP)**
____ College Algebra **(DE)**
____ Trigonometry **(DE)**
____ Differential Calculus **(DE)**
____ Integral Calculus **(DE)**

SCIENCE

____ Physical Science
____ Physical Science **(H)**
____ Biology I
____ Biology I **(H)**
____ Biology II **(AP)**
____ Anatomy & Phys
____ Chemistry
____ Chemistry **(H)**
____ Chemistry II **(AP)**
____ Earth Science
____ Environmental Sci
____ Environmental Sci **(AP)**
____ Physics
____ Physics I **(AP)**
____ General Biology I **(DE)**
____ General Biology II **(DE)**
____ General Chemistry I **(DE)**
____ General Chemistry II **(DE)**

SOCIAL STUDIES

____ Government
____ Government **(H)**
____ US Government & Pol **(AP)**
____ World Geography
____ World Geography **(H)**
____ Human Geography **(AP)**
____ US History
____ US History **(H)**
____ US History **(AP)**
____ World History
____ World History **(AP)**
____ European History **(AP)**
____ Psychology **(AP)**
____ Psychology **(DE)**
____ World History I **(DE)**
____ World History II **(DE)**
____ African American Hist **(DE)**

JROTC / PHYS. EDUCATION

____ JROTC I
____ JROTC II
____ JROTC III
____ JROTC IV

____ Health (1/2)
____ Phys. Ed. (1/2)
____ Phys. Ed. (Year)
____ Phys. Ed. (Athletic)

List sport:
_____

FOREIGN LANGUAGE

____ French I
____ French I **(H)**
____ French II
____ French II **(H)**
____ French III **(H)**
____ French IV **(H)**
____ Spanish I
____ Spanish I **(H)**
____ Spanish II
____ Spanish II **(H)**
____ Spanish III **(H)**
____ Spanish IV **(H)**

AGRICULTURE & TRADES

____ Agriscience I
____ Agriscience II
____ Agriscience III
____ Ag Leadership
____ Animal Science **(DE)**
____ Plant Science **(DE)**
____ NCCER Core
____ Electrical I
____ Welding I (2 Units)
____ Welding II (2 Units)
____ Welding III (2 Units)

BUSINESS

____ Intro to BCA (IBCA)
____ Principles of Business
____ Entrepreneurship
____ Web Design (1/2)
____ Keyboarding (1/2)
____ Personal Finance (1/2)
____ Customer Service (1/2)

VISUAL ARTS

____ Art I
____ Art II
____ Art III – Ceramics I
____ Art IV – Ceramics II
____ Studio Art 2D **(AP)**
____ Photography I
____ Media Arts I
____ Media Arts II
____ Digital Media II
____ Digital Media III
____ Media Arts III/IV:Jumbotron
____ Talented Art I/II/III/IV
____ Intro to Art **(DE)**

PERFORMING ARTS

____ Beginning Choir
____ Chorale Intermediate Choir
____ A Cappella Advanced Choir
____ Bronco Beat Prep Choir
____ Intro to Music **(DE)**
____ Beginning Band
____ Advanced Band
____ Symphonic Wind Ensemble
____ Jazz Ensemble
____ Percussion I
____ Percussion II
____ Guitar I
____ Guitar II
____ Guitar III
____ Advanced Orchestra
____ Intro to Theater I
____ Theater I, Performance
____ Theater II
____ Theater III, IV, V
____ Technical Theater I
____ Technical Theater II
____ Technical Theater III, IV, V

HUMAN SCIENCES

____ Nut & Food/Adv Nut & Food
____ Child Development
____ FACS I
____ FACS II

____ Medical Occupations
____ Medical Terminology
____ Sports Medicine I / II
____ Sports Medicine III
____ First Responder
____ Medical Assistant
____ Firefighter I

COMMUNICATIONS & CAREER

____ Journalism I
____ Publications I - YB
____ Publications II/III - YB
____ Publications I - NP
____ Publications II/III - NP
____ TV Production I - WZHS
____ TV Production II - WZHS
____ TV Production III/IV -WZHS
____ Quest for Success
____ Computer Architecture I/II
____ Computer Architecture III/IV
____ CTE Internship

SPECIAL EDUCATION

____ Study Skills I
____ Study Skills II
____ Study Skills III
____ Study Skills IV

DUAL ENROLLMENT

____ Foundations of Educ **(DE)**
____ Multicult Learn Comm **(DE)**
____ Intro to Sociology **(DE)**

____ Office Aide
(max 1 hr & must be a Senior)

STEM PATHWAYS

____ Intro to Comp Thinking
____ Digital Storytelling
____ Coding for the Web
____ Programming for Dig Media
____ Video Game Design
____ Intro to Engineering Design
____ Robotics
____ Advanced Robotics
____ Principles of Engineering
____ Engineering Des & Dev

Scheduling information:

- **Your selections determine what courses will be offered to students in the master schedule. Students are expected to select classes carefully and to maintain a firm commitment to continue enrollment in their classes, including seniors.**
- **Course changes will not be made to accommodate extra-curricular schedules, personal, teacher, or period preferences, or work schedules.**
- **Seniors: Online courses must be completed prior to August of your senior year. Do not wait until your senior year to try to take these courses online. If there is room in your senior schedule, then students will be scheduled for the in-person course rather than online.**

Student signature_____ Date_____

Zachary High School
Highlighted Courses for 2026-2027

AP COMPUTER SCIENCE A, Advanced Placement (1.0 credit) Fee: $99 AP exam fee (Due 10/23/26) 061175

This course introduces students to computer science through programming. Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using Java programming language. This course prepares students for the Advanced Placement exam and possible advanced placement in college computer science courses. This course can count for one of the four required math courses.

Prerequisites: Algebra I and Geometry; Can be taken in conjunction with Algebra II or higher.

MEDIA ARTS II: Motion Graphics (1.0 credit) 030820

This course introduces students to Adobe After Effects with a focus on creating dynamic motion graphics for jumbotrons, live broadcast streams, and social media platforms. Students will design animated titles, scorebugs, transitions, and promotional content while learning industry-standard workflows used in sports and media production, TV and film production, and animations. This course emphasizes creativity, technical skills, and real-world application through hands-on projects.

Prerequisite(s): Media Arts I and must have certification in Adobe Photoshop and/or Illustrator

IFSAC FIREFIGHTER I (1.0 credit) 090725

This course will follow the Louisiana FETA-certified Firefighter I program, covering fire suppression, hazardous materials, rescue techniques, and medical first aid. Training involves practical, hands-on drills in local facilities, search and rescue, and fire prevention. This course will demonstrate the knowledge and ability to tie appropriate knots, don personal protective equipment including SCBA and firefighter turnout gear, understand the role of a firefighter I in the fire service organization, have a basic understanding of incident command, participate as a member of a team while extinguishing vehicle fires, exterior and interior Class A fires, ground cover fires, perform vertical and horizontal ventilation, establish water supply, perform overhaul and salvage operations, and use a variety of tools. Students will complete a basic first aid and CPR class and a practical skills exam in order to earn his/her Firefighter I certification. This course will be taught in conjunction with the Zachary Fire Department.

Prerequisite(s): Open to 11th and 12th graders; Juniors must be 17 years of age by April 1 of their Junior year

CTE INTERNSHIP

This program is designed to help students gain valuable hands-on experience in the workforce while still in high school. Participation in this program will allow students to build essential skills, explore career interests, and enhance their resumes before graduation. Emphasis will be placed on interpersonal skills, work ethic, skills of the workplace, and oral and written communication. Our goal is to ensure that students gain meaningful work experience while balancing their academic responsibilities.

To participate as a Junior, students must meet the following eligibility requirements:

- Cohort of 2028
- Secure a part-time job by July 31, 2026, or secure a part-time job by November 30, 2026, for Spring enrollment.
- Hold and maintain at least a 2.5 GPA
- Score Basic or above on all Leap 2025 tests taken
- Be in good standing with the school regarding attendance, discipline, and academic performance
- Have their own transportation to the job site
- *****Students will be allowed to leave school after 6th hr*****

To participate as a Senior, students must meet the following eligibility requirements:

- Cohort of 2027 or be an Early Graduate for Cohort of 2028
- Secure a part-time job by July 31, 2026, or secure a part-time job by November 30, 2026, for Spring enrollment.
- Have their own transportation to the job site
- *****Students will be allowed to leave school after their last required course*****

Important notes:

- We strongly encourage students to seek positions that relate to their interest to maximize the benefits of this experience, but it is not required.
- Students should secure their own paid, part-time employment as soon as possible.
- Students shall meet legal age requirements for work and must hold a valid employment certificate signed by the employer and issued through the school.
- Students will receive a grade and 1 Carnegie credit on their transcript to be used as an elective. This also counts as a universal Jump Start elective.
- This program/course can also be taken in addition to the student's 7 classes during their Junior year.
- Students will be required to complete an online component as part of the class.
- There may be limited internship positions available through the school, but these will be application-based and competitive. (Bank of Zachary, MIS Technology Group, etc.)
- A job verification process will be in place to ensure students maintain employment and fulfill program requirements, including a teacher to conduct on-the-job observations and proof of hours worked.
- Students must complete 106 hours of work and 27 hours of virtual instruction during the school year to receive 1 Carnegie unit.

DUAL ENROLLMENT COURSES OFFERED ON CAMPUS

ENGLISH III, Dual Enrollment (CENL 1013 English Composition I (Fall)) (1.0 credit)	120601
Can be paired with **ENGLISH IV, Dual Enrollment (CENL 1023 English Composition II)** – see below	
ENGLISH IV, Dual Enrollment (CENL 1013 English Composition I (Fall) (1.0 credit)	120606
ENGLISH IV, Dual Enrollment (CENL 1023 English Composition II (Spring) (1.0 credit)	120607
ENGLISH, Introduction to Fiction, Dual Enrollment (Fall) (1.0 credit)	120614
ENGLISH, Introduction to Poetry, Dual Enrollment (Spring) (1.0 credit)	120616
COLLEGE ALGEBRA, Dual Enrollment (Fall) (CMAT 1213) (1.0 credit)	160500
TRIGONOMETRY, Dual Enrollment (Spring) (CMAT 1223) (1.0 credit)	160501
DIFFERENTIAL CALCULUS - MATH 1530 (Fall), Dual Enrollment	160498
INTEGRAL CALCULUS - MATH 1540 (Spring), Dual Enrollment	160499
WORLD HISTORY I, beginning to 1500, Dual Enrollment (CHIS 1113 World History I) (Fall)	220450
WORLD HISTORY II, Since 1500, Dual Enrollment (CHIS 1123 World History II) (Spring)	220451
FOUNDATIONS OF EDUCATION, Dual Enrollment (EDCI 2030 Teaching, Schooling, and Society) (Fall)	100678
MULTICULTURAL LEARNING COMM, Dual Enrollment (EDCI 2400 Education and Diverse Populations) (Spring)	100677

ANIMAL SCIENCE, Dual Enrollment (optional in AgriScience III)
PLANT SCIENCE, Dual Enrollment (optional in AgriScience III)

Even though all students will complete a scheduling request form, we need you to scan the QR code below and fill out the Dual Enrollment request form: