

HIGH SCHOOL COURSE GRADUATION REQUIREMENTS

Please see the student handbook for a complete listing of all requirements for graduation

| CURRICULAR AREAS | Graduation |
|----------------------|---|
| COMMUNICATION SKILLS | 4 units (Must include 1 unit in a core English class for each grade 9-12) |
| SOCIAL STUDIES | 3 units (Must include 1 unit Am. History, 1 unit World History, 1/2 unit American Government and 1/2 unit Modern Global Issues) |
| MATHEMATICS | 3 units (Must include 1 unit Algebra I and 1 unit Geometry or Algebra/Geometry I, Algebra/Geometry II, and Algebra/Geometry III) *The Algebra/Geometry sequence is being phased out starting 2022-23 and will not be an option for the class of 2026 and beyond.) |
| SCIENCE | 3 units (Must include 1 unit Biology I or Advanced Studies Biology I and 1 unit Advanced Studies Chem., Chem. I or Fundamentals of Physics and Chemistry) |
| FINE ARTS | 1 unit |
| PRACTICAL ARTS | 1 unit |
| PHYSICAL EDUCATION | 1 unit (Must include 1/2 unit of Foundations of Fitness) |
| PERSONAL FINANCE | 1/2 unit |
| HEALTH | 1/2 unit |
| ELECTIVES | 9 units |
| Totals | 26 units |

POST-HIGH SCHOOL EDUCATION ADMISSIONS REQUIREMENTS

| CURRICULAR AREAS | Selective Missouri Public 4 Year College Credit Requirements* | Other Missouri Public 4 Year Colleges Credit Requirements* | Community & Technical Colleges (I.E. Metropolitan Community Colleges, etc.) | Military Careers | Apprenticeships |
|----------------------|---|--|--|---|--|
| COMMUNICATION SKILLS | 4 Units | 4 Units | HIGH SCHOOL Diploma, High School Equivalency Certificate (HSE) Or A Certificate Of Completion Of Home School Program | HIGH SCHOOL Diploma Or A Certificate Of Completion Of Home School Program | MOST REQUIRE A High School Diploma or High School Equivalency Certificate (HSE) And Must Be At Least 18 Years Of Age |
| SOCIAL STUDIES | 3 Units Govt. 1/2 | 3 Units Govt. 1/2 | | | |
| MATHEMATICS | 4 Units Alg. 1 & Higher | 3 Units Alg. 1 & Higher | | | |
| SCIENCE | 3 Units No General Science 1 Must Be a Lab Class | 3 Units No General Science 1 Must Be a Lab Class | | | |
| FINE ARTS | 1 Unit | 1 Unit | | | |
| PRACTICAL ARTS | 0 Units | 0 Units | | | |
| PHYSICAL EDUCATION | 0 Units | 0 Units | | | |
| ADDITIONAL ELECTIVES | 2 Units 2 Years of The Same Foreign Language | 3 Units Selected from Foreign Language &/Or core courses | | | |
| OTHER REQUIREMENTS | Appropriate class rank and a minimum score on the ACT | Appropriate class rank and ACT score | | | |

*This information is provided as a general guideline and is subject to change. Always check with the college you are considering for specific, updated requirements.

IMPORTANT INFORMATION FOR STUDENTS:

Enrollment Website - <https://lsnhs.lsr7.org/enrollment/>

- Career and Educational Planning Guide w/all Course Descriptions & Career Pathway Info
- Enrollment Timeline
- Applications for Senior Work Programs, Yearbook, Newspaper, Library Assistant, Clerical Aide,
- How to Enter Courses in Powerschool
- Spring Enrollment Conferences - setting up an appointment for you and parent
- LSN Enrollment Form

Summer School - <http://summerschool.lsr7.org/> or type in google search lsr7 summer school (Summer School dates subject to change)

- Session 1 - May 28th - June 11th
- Session 2 - June 12h - June 28th (no class June 19th)
- 11 Day Classes: 7:00 am - 12:30 pm
- 22 Day Classes: 6:30 am - 9:10 am and 9:20 am - 12:00 pm
- Location: ETMS
- High School Enrollment Opens - February 25th at 3:00 pm
- April 24 Summer School Enrollment Closes at 4 PM.
- Late Enrollment will be open May 1st - May 15th at 3:00 PM

Online Classes - <https://r7oa.lsr7.org/>

2025-2026 MOCK PLAN

1st Semester

2nd Semester

| | |
|-----------------------|--------------------|
| 1. English _____ | English _____ |
| 2. Soc. Studies _____ | Soc. Studies _____ |
| 3. Math _____ | Math _____ |
| 4. Science _____ | Science _____ |
| 5. | |
| 6. | |
| 7. | |
| Alt: | Alt: |
| Alt: | Alt: |
| Zero Hr/Online | |

Reminders for Juniors to be Seniors:

1. Please be sure to sign up for any and every class you still need for graduation. It is imperative these classes make it into your schedule. If you are in credit lag (*will finish this year with less than 19 credits*), schedule a meeting with your counselor ASAP.
2. If you are applying to STA, Cass, or Herndon/CAPS, please choose a full schedule at this time. Fill out the application online. STA, Cass, Herndon deadline is the 14th. Once you are notified of admission, your counselor will change your requests to reflect STA, Cass, or Herndon/CAPS.
3. If you are applying for Longview Classes through the Early College Program, please choose a full schedule at this time. Complete the application and submit by February 14th. Once you are accepted, a Longview representative will meet with you to talk about your classes and schedule.
4. If you are applying for a Work Program, be sure to complete the application online on the enrollment website by Feb. 7th and meet with the work program coordinator. Ms. Reed - CCE, Ms. LaTerza - SBE, Ms. K. Wilson - Marketing. Once you are approved, you can make this program part of your requests for next year in PowerSchool. Remember to include the business class and Work Internship as part of your requests when approved.
5. Be aware of application deadlines, i.e. Early/Work Release, Clerical Aide, College Credit English, etc. All of these programs require an application, which are due February 14th. If you do not complete the application, you will not be placed in the course or program. You do not want to miss out on great opportunities.
6. For the rest of your selections, please concentrate on your graduation requirements, pre-requisites, and preparation for future postsecondary and career plans. Refer to the Career and Educational Planning Guide on the enrollment website for courses that match career and college choices and decisions.
7. Finally, you will need to enter your requests into PowerSchool. Directions for this have been provided to you on the instruction sheet. You may enter requests from Jan 30th-Feb 14th.
8. Feb 10th-14th. You will be meeting individually with your Mentors during this week. The Mentors will be checking to make sure you have completed the enrollment process accurately.
9. Finally, schedule a Spring Enrollment Conference with your parent/guardian and mentor for February 25th (in person) or February 27th (virtual). You may schedule this conference through the enrollment website or LSN website. Spring Enrollment Conferences are **REQUIRED**.

HAPPY ENROLLMENT

SENIOR YEAR ENROLLMENT OPTIONS

Enrollment opens in PowerSchool January 30th. Enrollment Week is February 10th-14th.

All enrollment decisions must be completed and course requests entered into PowerSchool no later than February 14th.

OPTION 1 - Enroll in a full 7-hour schedule

OPTION 2 - Shortened schedule with Work Program/Internship

Talk to the appropriate Work Program Coordinator if interested in the SBE, CCE, or Marketing Work Internship Programs. SBE = Ms. Larza; CCE = Ms. Reed; Marketing = Ms. Wilson. **COMPLETE the online application by February 7th.** Students should check with the coordinator after February 16th to see if they have been accepted into the program, but may hear sooner. **Once accepted, students should enter both the Work Program class and Internship into their course requests.**

Students earn up to 3 credits in a school year for work internships – 1 for the class and 1 for work internship (average 10/week for 150 hrs) or 2 for work internship (average 20/week for 300 hrs).

OPTION 3 - Enroll in Off-Campus Career Center and LSN classes

Attend a tour of interested facility (Herndon/CAPS, Cass, or Summit Technology Academy/MIC). **COMPLETE the online application for STA, Herndon/CAPS or CASS online by February 14th.** You will be contacted by a counselor if admitted to the program. This will occur after enrollment week and possibly after spring enrollment conferences. You will **choose a full schedule** for next year and we will change your requests if admitted to a program.

OPTION 4 - Enroll in Longview and LSN classes

This is called the Early College Program, which will allow you to take ½ day classes at Longview and ½ day classes at LSN, or classes at Longview all day long with no attendance at North. There is an application process and GPA/ACT or GPA/Accuplacer requirement (**COMPLETE by February 14th**). **Choose a full schedule** for next year and we will change your requests if admitted to the Early College Program. Partial release can be AM or PM.

OPTION 5 - Enroll in 6 credits and early/work release 1st hour or 7th hour

Must turn in completed EARLY RELEASE form to Leslie Minx in the Main office by February 14th. All signatures must be present on the form. Get this form today or from the Counseling office.

OPTION 6 - Enroll in 6 credits and Clerical Aide for one hour

Must turn in completed Clerical Aide form to Counseling Office by February 14th. All signatures must be present on the form. Get this form today or from the Counseling office. Teachers may only have one Clerical Aide so please make arrangements soon.

OPTION 7 – Semester Graduate

Enroll in full schedule first semester and graduate at the end of 1st semester. Complete full year 7-credit schedule at enrollment. Meet with your counselor in November to verify credits for early graduation. Second semester classes will be dropped at beginning of second semester if you finish all graduation requirements. **YOU MUST MEET WITH YOUR COUNSELOR THIS SEMESTER TO GO OVER SUMMER REQUIREMENTS TO MAKE THIS HAPPEN.**

WORK INTERNSHIP PROGRAMS

General Requirements - Application is due Feb. 7th

- Teacher approved employment (*employment secured by the time school starts in August*)
- 10 hours a week earns 1 credit for the year - 150+ hours
- 20 hours a week earns 2 credits for the year - 300+ hours
- 90% cumulative attendance
- GPA of 2.5
- Maintain same employment for school year

Application Process

- Speak to the appropriate Work Program Coordinator
- Fill out an online application (*found on school enrollment website or pick up a handout with the link in the business hallway, or from the Work Program Coordinator*)
- The Work Program Coordinator will contact you no later than February 14th on the status of your application. **CHECK YOUR EMAIL REGULARLY PLEASE.**

A student approved for a work internship must enroll in a required course (1 credit) and internship (1 or 2 credits). Students can earn up to 3 credits in one school year from the work internship program. The required courses by program are listed below. For those involved in activities or sports, be aware of the credits required to remain MSHSAA-eligible and plan work hours appropriately (3.0 credits per semester required for MSHSAA).

| Program Name: | SUPERVISED BUSINESS EXPERIENCE (SBE) | COOPERATIVE CAREER EDUCATION (CCE) | MARKETING |
|---|--|--|---|
| Coordinator/Room #: | Perri LaTerza/2159 | Joy Reed/2157 | Katie Wilson/2156 |
| Required Courses: | Any yearlong business course OR any two-semester long business courses (one each semester) AND SBE Internship. Related courses may be taken face-to-face or online. | Coop Career Education (CCE) AND Coop Career Work (CCE) Internship | Marketing 101 (if you haven't already taken it), Entrepreneurship and Social Media, or Sports and Entertainment Marketing AND Marketing Internship |
| Program is intended for students who want to work in the following areas: | <p>This program is designed for students who would like to work in business, offices, or technology type setting in areas such as:</p> <ul style="list-style-type: none"> • Accounting • Administrative Support • Clerical • Computer Data Processing • Finance • General Office • Technology Support | <p>This program is for students who want to work in the following areas:</p> <ul style="list-style-type: none"> • Construction • Mechanics • Computer Drafting • Warehouse/ Stocker • Cooking/Food Preparation • Day Care/Child Care • Car Wash • Animal/Pet Care • Lawn Care | <p>This program is for students who want to work in the following areas:</p> <ul style="list-style-type: none"> • Apparel & Accessories Retailing • General Retailing • Waiter/Waitress • Host/Hostess • Car Wash • Animal/Pet Care • Coffee Shops • School Store Manager |

Application Form LSNHS - Clerical Aide
Non Credit Course - (Grade 12 ONLY)

DUE FEBRUARY 14, 2025

Name: _____

Department you wish to clerical aide for: _____

Teacher's Name: _____ Teacher's Signature: _____

*(Teachers may only have one Clerical Aide unless approved by Dr. Collins -
please only sign one form unless approved)*

Number of days absent this year: _____ (Have Attendance fill this in)

Cumulative GPA: _____ (Have Counseling Dept. fill this in)

Credits to Date: _____

Have you completed 10 hours of community service? _____

Parent Signature: _____

Counseling Dept. Signature: _____

*****Clerical Aide does not count for credit. Students participating in MSHSAA activities must be enrolled in at
least six credit-bearing classes to remain eligible.**

DUE FEBRUARY 14, 2025

(2025-26)

**ADMINISTRATIVE RELEASE APPLICATION
(SENIORS ONLY - NO CREDIT)**

Name _____ Date _____

THIS FIRST SECTION MUST BE FILLED OUT WITH YOUR COUNSELOR.

1. **YOU MUST BE ENROLLED IN AT LEAST ONE (1) MORE CREDIT THAN IS REQUIRED TO GRADUATE IF APPLYING FOR THE FULL YEAR. IF YOU ARE APPLYING FOR 2ND SEMESTER ONLY, YOU MUST BE ENROLLED IN ONE-HALF (1/2) CREDIT MORE THAN IS REQUIRED FOR GRADUATION.**

CREDITS EARNED TO DATE: _____ CREDITS AFTER THIS SEMESTER: _____

CREDITS TO BE EARNED YOUR SENIOR YEAR: 1ST SEM _____ 2ND SEM _____

TOTAL CREDITS NEEDED TO GRADUATE : 26 TOTAL CREDITS YOU WILL EARN: _____

COUNSELOR SIGNATURE: _____

What class(es) will you drop from your schedule?

| <u>CLASS</u> | <u>TEACHER</u> | <u>HOUR</u> |
|--------------|----------------|-------------|
| | | |
| | | |

IF YOU PARTICIPATE IN ANY SCHOOL RELATED ACTIVITIES OR ATHLETICS THAT REQUIRE YOU TO BE ELIGIBLE, YOU MUST BE ENROLLED IN AND PASS AT LEAST 3.0 CREDITS (6 CLASSES OR 6 HOURS FOR CREDIT) THE SEMESTER BEFORE AND THE SEMESTER OF YOUR PARTICIPATION TO BE ELIGIBLE.

2. **PLEASE CIRCLE ALL SCHOOL RELATED ACTIVITIES AND ATHLETICS YOU ARE INVOLVED IN FIRST SEMESTER, SECOND SEMESTER OR BOTH SEMESTERS.**

Choir
Orchestra
Band
Cheer/Dance

Sports (fall, winter, spring)
Auxiliary/Winter Guard
Speech & Debate/Forensics

ATHLETIC DIRECTOR SIGNATURE _____

IF YOU **ARE NOT** INVOLVED IN ANY OF THE ABOVE ACTIVITIES PLEASE VERIFY BY SIGNING BELOW.

SIGNATURE [student]: _____

3. PARENTAL APPROVAL

AS PARENT OF THE AFOREMENTIONED SENIOR, I REQUEST THAT MY CHILD BE RELEASED FROM PART OF HIS/HER CLASSES TO WORK DURING THE SCHOOL DAY. I AGREE AND UNDERSTAND THAT MY CHILD'S PRIMARY RESPONSIBILITY IS TO MEET ALL NECESSARY OBLIGATIONS OF THE SCHOOL DAY AND MAINTAIN PASSING GRADES IN HIS/HER CLASSES.

As a parent of the aforementioned senior, I request that my child be released from part of his/her classes to work during the school day.

PARENT SIGNATURE: _____

4. FINAL APPROVAL – PRINCIPAL

SIGNATURE: _____

ONCE YOU HAVE COMPLETED ALL 4 ITEMS, RETURN THIS FORM TO MS. MINX IN THE FRONT OFFICE.

LSN COUNSELING QR MENU



LSN Counseling Center
Website



LSN Counseling Dept.
Facebook



Career and Educational
Planning Guide



Community Service
Website



LSN Athletics



LSN Activities



A+ Program



IB Programs



Schoollinks



Scholarships and
Financial Aid





ACT Test Dates and Registration



ACT Prep Classes



STA/MIC



Herndon Career Center/Southland CAPS



Cass Career Center



Early College Program



Career Resources



College Resources



Summer School



District Student Wellbeing Resources



***SEE ADDITIONAL PAGE FOR A LIST OF
ONLINE COURSE OPTIONS
ONLINE COURSES:**

**(online courses are not guaranteed - courses depend on number
of district-wide enrollment requests)**

| | | | | | | | |
|--------|---|-------|---|----|----|----|----|
| HA1009 | ONLINE English 9 | 1.0 | 9 | | | | |
| HA1010 | ONLINE English 10 | 1.0 | | 10 | | | |
| HA1011 | ONLINE English 11 | 1.0 | | | 11 | | |
| HA1021 | ONLINE English 11 Honors | 1.0 | | | 11 | | |
| HA1012 | ONLINE English 12 | 1.0 | | | | 12 | |
| HA1022 | ONLINE English 12 Honors | 1.0 | | | | 12 | |
| HA1052 | ONLINE College Credit English 12 A | 1.0 | | | | 12 | |
| HA1081 | ONLINE Intro to Creative Writing | 0.5 | 9 | 10 | 11 | 12 | |
| HA1060 | ONLINE Adv. Creative Writing | T 0.5 | | 10 | 11 | 12 | |
| HA2001 | ONLINE French I | 1.0 | 9 | 10 | 11 | 12 | |
| HA2002 | ONLINE French II | T 1.0 | 9 | 10 | 11 | 12 | |
| HA2031 | ONLINE Spanish I | 1.0 | 9 | 10 | 11 | 12 | |
| HA2032 | ONLINE Spanish II | T 1.0 | 9 | 10 | 11 | 12 | |
| HA2038 | ONLINE Mand. Chinese for Heritage Spkr | 1.0 | 9 | 10 | 11 | 12 | |
| HA3006 | ONLINE American History | 1.0 | 9 | | | | |
| HA3001 | ONLINE Advanced Studies American Hist. | 1.0 | 9 | | | | |
| HA3003 | ONLINE World History | 1.0 | | 10 | | | |
| HA3002 | ONLINE Advanced Studies World Hist. | 1.0 | | 10 | | | |
| HA3004 | ONLINE Modern Global Issues | 0.5 | | | 11 | 12 | |
| HA3005 | ONLINE Am. Government | 0.5 | | | 11 | 12 | |
| HA3018 | ONLINE General Psychology | T 0.5 | | | 11 | 12 | |
| HA3012 | ONLINE Sociology I | T 0.5 | | | 11 | 12 | |
| HA3013 | ONLINE Sociology II | T 0.5 | | | 11 | 12 | |
| HA4001 | ONLINE Algebra I | 1.0 | 9 | 10 | 11 | | |
| HA4000 | ONLINE Pre-Algebra | 1.0 | 9 | | | | |
| HA4023 | ONLINE Geometry | 1.0 | 9 | 10 | 11 | 12 | |
| HA4026 | ONLINE Intermediate Algebra II | 1.0 | | | 11 | 12 | |
| HA4002 | ONLINE Algebra II | 1.0 | | 10 | 11 | 12 | |
| HA4003 | ONLINE Algebra III | 1.0 | | | 11 | 12 | |
| HA4020 | ONLINE College Algebra | A 1.0 | | | | 12 | |
| HA5007 | ONLINE Biology I | 1.0 | 9 | | | | |
| HA5025 | ONLINE Human Anatomy & Physiology | T 1.0 | | | 11 | 12 | |
| HA5011 | ONLINE Fund. of Physics/Chemistry | 1.0 | | 10 | 11 | 12 | |
| HA5009 | ONLINE Chemistry | T 1.0 | | 10 | 11 | 12 | |
| HA5022 | ONLINE Science of Nature | T 1.0 | | | 11 | 12 | |
| HA5014 | ONLINE Meteorology | T 0.5 | | | 11 | 12 | |
| HA5006 | ONLINE Astronomy | T 0.5 | | | 11 | 12 | |
| HA5026 | ONLINE Intro to Env Stud/Agriculture | 0.5 | | 10 | 11 | 12 | |
| HA6066 | ONLINE Music Appreciation | 1.0 | 9 | 10 | 11 | 12 | |
| HA6080 | ONLINE Foundations of Drawing | 0.5 | 9 | 10 | 11 | 12 | |
| HA6081 | ONLINE Foundations of Design | 0.5 | 9 | 10 | 11 | 12 | |
| HA6001 | ONLINE Drawing I | T 0.5 | | 10 | 11 | 12 | |
| HA7081 | ONLINE Personal Finance | 0.5 | | | 11 | 12 | |
| HA7023 | ONLINE Computer Hardware/OS | 0.5 | 9 | 10 | 11 | 12 | |
| HA7024 | ONLINE Computer Hardware/OS II | 0.5 | 9 | 10 | 11 | 12 | |
| HA7021 | ONLINE Computer Bus App I | 0.5 | 9 | 10 | 11 | 12 | |
| HA7090 | ONLINE Cybersecurity Fundamentals I | 0.5 | 9 | 10 | 11 | 12 | |
| HA7091 | ONLINE Cybersecurity Fundamentals II | 0.5 | 9 | 10 | 11 | 12 | |
| HA7065 | ONLINE Intro to Web Design | 0.5 | 9 | 10 | 11 | 12 | |
| HA7061 | ONLINE Intro to Business Management | 0.5 | 9 | 10 | 11 | 12 | |
| HA7017 | ONLINE Accounting I | 1.0 | 9 | 10 | 11 | 12 | |
| HA7018 | ONLINE Accounting II | T 1.0 | | 10 | 11 | 12 | |
| HA7010 | ONLINE Business Law | 0.5 | | | 11 | 12 | |
| HA7068 | ONLINE Marketing 101 | 1.0 | | 10 | 11 | 12 | |
| HA7035 | ONLINE Entrepreneurship & Social Media | T 1.0 | | | 11 | 12 | |
| HA7025 | ONLINE Coop. Career Education | T 1.0 | | | | 12 | |
| HA7064 | ONLINE Intro to Human Services | 0.5 | 9 | 10 | 11 | 12 | |
| HA7063 | ONLINE Intro to Hospitality and Tourism | 0.5 | 9 | 10 | 11 | 12 | |
| HA7040 | ONLINE Fashion & Interior Design Found. | 0.5 | 9 | 10 | 11 | 12 | |
| HA7012 | ONLINE Child Development/Parenting | 0.5 | | | 11 | 12 | |
| HA7011 | ONLINE Child and Adolescent Dev. | T 0.5 | | | | 12 | |
| HA7033 | ONLINE Culinary Foundations | 0.5 | 9 | 10 | 11 | 12 | |
| HA7060 | ONLINE International Foods | 0.5 | | | 10 | 11 | 12 |
| HA7074 | ONLINE Personal Image/Relationships | 0.5 | 9 | 10 | 11 | 12 | |
| HA7037 | ONLINE Intro. to Construction | 0.5 | 9 | 10 | 11 | 12 | |
| HA8007 | ONLINE Foundations of Fitness | 0.5 | 9 | 10 | 11 | 12 | |
| HA8004 | ONLINE Concepts in PE | 0.5 | | | 10 | 11 | 12 |
| HA8019 | ONLINE Walking for Fitness | 0.5 | | | 10 | 11 | 12 |
| HA8011 | ONLINE Health/Wellness for Life | 0.5 | 9 | 10 | 11 | 12 | |

TEACHER SIGNATURE FOR COURSE ENROLLMENT 2025-2026

All core courses (communication arts, math, science and social studies) require a teacher recommendation in PowerSchool from a teacher in the respective department.

Listed below are elective courses that require additional teacher recommendations in PowerSchool for enrollment. If a course is not listed it does not require a teacher recommendation for enrollment.

| Department | Course Name | Teachers who can Recommend |
|---------------------------|---|--|
| Communication Arts | | |
| | Adv. Video Tech/ Sports or Adv. Broadcast | Terry Durnell |
| | Advanced Debate | Ben Jewell |
| | College Credit English | Sara Witteman/Stacy Collins |
| | IB Theatre Arts SL/HL | William Palmer |
| | News for Print and Online I/II | Mindy Haesemeyer |
| | Stagecraft/Adv Stagecraft | William Palmer |
| | Theatre II | William Palmer |
| | Yearbook/Advanced Yearbook | Jessica Brown |
| | IB Film | Terry Durnell |
| | Editorial Leadership | Jessica Brown, Terry Durnell, Mindy Haesemeyer |
| | Advanced Creative Writing | Ashley Baker |
| Modern Languages | | |
| | Mandarin Chinese II, III, IV, V Mandarin for Heritage Speakers | Yanlan Jin |
| | French II, III, IV, V | Nicole Morris, Cathy Nalivaiko |
| | German II, III, IV, V | Stefan Frank |
| | Spanish II, III, IV, V, Spanish for Heritage Speakers II | Galo Delgado, Kim Baer, Hannah Brizuela, Andrea Vovk, Aaron Layendecker, Natalie Kirchhoff, Monique Lozano Dorrell |
| Social Studies | | |
| | All Social Studies Electives | Any Social Studies Teacher |
| | IB Psychology SL or HL | Andrea Hood-Johnson, Eric Davis, Robert Rossiter |
| | IB Cult. and Social Anthropology | Eric Davis, Robert Rossiter |
| Math | | |
| | All Math Electives | Any Math Teacher |
| Science | | |
| | Physics or AP Physics | Kristen Falkenberg |
| | Principles of Engineering | Current Science Teacher and Math Teacher |
| | Principles of Biomedical Sciences | Brad Ralston |
| | IB Environmental Systems | Chris Gerding, Robert Rossiter |
| | All other Science Courses except Science of Nature | Current Science Teacher |
| Art | | |
| | Drawing I, II, or III | Any Art Teacher |
| | Graphic and Computer Arts I, II, or II | Any Art Teacher |
| | IB Visual Arts SL/HL | Rashelle Weissenbach |
| | Painting I, II, or III | Any Art Teacher |
| | Portfolio I or II | Colby Mathews, Rashelle Weissenbach |
| | Ceramics I, II, or III | Any Art Teacher |
| | Visual Arts | Any Art Teacher |

| Department | Course Name | Teacher who can sign |
|--|---|---|
| Music | | |
| | Concert Choir | Jonathan Krinke, George Peng |
| | Concert/Phil/Symphony Orchestra | Joseph Keeney |
| | Crimson Camerata | Jonathan Krinke |
| | Men's Choir | Jonathan Krinke, George Peng |
| | Mixed Choir | George Peng |
| | IB Music SL/HL | Any Music Teacher |
| | Percussion | Travis Houston |
| | Wind Ensemble/Concert/Symphonic Band | Grant Fischer, Travis Houston |
| | Winds/Percussion | Joseph Keeney |
| Business | | |
| | Accounting II | Layne Funk |
| | Advanced Web Design | Perri LaTerza |
| | Work Internships | Joy Reed, Perri LaTerza, Katie Wilson |
| | Computer Business Applications II | Tanner Vance |
| | Entrepreneurship/Sports Marketing | Joy Reed, Perri LaTerza |
| | Business Admin/IB Business Management | Layne Funk, Robert Rossiter |
| | PLTW Computer Science Principles, PLTW Computer Science A | Malika Caruthers |
| FACS | | |
| | Child/Adolescent Psychology | Jessica Benus |
| | Child Development Preschool | Jessica Benus |
| | Culinary Arts I (ProStart 1) | Tina Tillotson |
| | Culinary Arts II (ProStart 2) | Tina Tillotson |
| | FACS Internship | Jessica Benus, Michele Holt |
| Engineering/Industrial Technology | | |
| | Adv Concepts in CAD | Cam Clover, Jared Hook |
| | Civil Engineering/Architecture | Cam Clover, Jared Hook |
| | Furniture Making, Metal Tech | Cody Cantrell, Cam Clover |
| | Adv Materials & Processing | Cody Cantrell, Cam Clover, Andy Shockley |
| | Principles of Engineering | Cam Clover, Jared Hook |
| Physical Education | | |
| | Adv Strength and Performance | Jason Rogers, Ray Hughes, Daron Washington, Luke Williams |
| | IB Sports, Exercise and Health Science | Luke Williams, Robert Rossiter |
| | Mentoring In PE | Ryan Kelley |
| IB | | |
| | IB Theory of Knowledge/ IB Personal and Professional Skills | Robert Rossiter |
| | IB Information Technology in a Global Society | Robert Rossiter |
| Special Programs | | |
| | Peer Inclusive Environment | Jessi Troester, Jarrett Brooks, Kristen Lovelace |

Welcome to the Lee's Summit North High School Course Registration for 2025-2026

Enrollment Window – Jan. 30 - Feb. 14th

PROCEDURES FOR ONLINE ENROLLMENT:

1. Go to Power School and use your login and password.
2. There will be an icon called Class Registration, click on that icon. Make sure you choose the 2025-26 Class Registration icon.
3. You will see a screen that is similar to the screen below these instructions
4. Begin with Communication Skills: English Language Arts. Read the paragraph below the heading. These are important reminders for each category.
5. Click on the pencil icon at the right of each section to open up the course listing window.
6. Make sure you go to each section, choosing your courses carefully.
7. As you finish each section, you must click OKAY. At the end, after your last section, you must click OKAY and SUBMIT. If you forget to click OKAY and SUBMIT, your choices will not be submitted correctly.
8. Your requests will be totaled at the bottom. Please make sure you choose enough courses to fill a seven hour day both 1st and 2nd semester.
9. Last but not least, be sure to choose 4 alternate courses. These SHOULD NOT be courses you selected as primary choices in previous sections. Remember, these courses will be used in your schedule if your primary choices do not work.
10. When you are finished and you have submitted correctly, at the top choose, SHOW COURSE REQUESTS. A listing of courses you have registered for will appear and you may print this off for your records.

IF YOU HAVE QUESTIONS or PROBLEMS PRE-ENROLLING ON-LINE, PLEASE SEE YOUR COUNSELOR!

Lee's Summit North Pre-Enrollment Registration 2025-26

Welcome to the Lee's Summit North High School Class Registration System for 2025-26

WELCOME TO THE 2025-26 REGISTRATION PROCESS!!! WE ARE EXCITED YOU WILL BE A BRONCO NEXT YEAR. PLEASE FOLLOW THE INSTRUCTION BELOW AND ENTER YOUR REQUESTS. DEADLINE IS FEBRUARY 14, 2025. HAPPY ENROLLING!!!

[View course requests](#)

COMMUNICATION SKILLS

You must choose English 9 or Advanced Studies English 9 to meet your graduation requirement. Please refer to the recommendation made by your current English teacher. In addition to English 9, you may choose a Reading Lab or Reading Strategies if you have been recommended for this class as well.

[Click the edit button to request a course](#)

COMMUNICATION SKILLS ELECTIVE

You are not required to choose one of the courses. Only choose a course from this list if you want the course as an elective course. These courses cannot replace English 9/ADV English 9.

[Click the edit button to request a course](#)

MODERN LANGUAGE

Modern Language is not required for graduation, however, colleges strongly recommend and sometimes require 2 years of the same language. Choose level 1 unless you have completed level 1 and have been recommended for level 2.

[Click the edit button to request a course](#)

SOCIAL STUDIES

You must choose American History or Advanced Studies American History. Please refer to recommendation made by your current social studies teacher.

Click the edit button to request a course

MATH

You must choose a math course to meet your graduation requirement. Please refer to the recommendation made by your current math teacher.

Click the edit button to request a course

SCIENCE

You must choose a version of Biology to meet your graduation requirement. Please refer to recommendation made by your current science teacher. You may choose Principles of BioMedical Sciences in addition to Biology. PBS would be considered an elective.

Click the edit button to request a course

FINE ART - Art, Music, Theatre

One credit in this area is required for graduation, however, it does not have to be your 9th grade year. Choose courses that you would like to take your 9th grade year.

Click the edit button to request a course

PRACTICAL ART - Business, FACS, Indust Tech & Engineering

One credit in this area is required for graduation, however it does not have to be your 9th grade year. Choose a course that you would like to take your 9th grade year.

Click the edit button to request a course

PHYSICAL EDUCATION

One credit in PE and .5 credit is required in Health to graduate, however, it does not have to be your 9th grade year. It is required that a student take Foundations of Fitness before other PE courses. It is STRONGLY recommended that freshman take Health and Wellness

Click the edit button to request a course

PE ELECTIVES

You may choose a course from this list, only if you have also enrolled to take Found of Fitness as well or have enrolled to take it during the summer.

Click the edit button to request a course

AIR FORCE ROTC

This course will be an elective choice. ROTC is not required for graduation

Click the edit button to request a course

LEARNING LABS

A learning lab is a structured study hall that is not for credit. Students in several activities or difficult courses may choose to take on a semester basis.

Click the edit button to request a course

ALTERNATE CHOICES

It is required that you choose at least 4 alternate courses. These courses will only be placed in your schedule if your primary choice WILL NOT work.

Click the edit button to request a course

Requires between 6 and 8 credit hours.

Requesting 0 credit hours.



Dual College Credit Courses

Lee's Summit North

2025-26

Enrollment for dual college credit takes place with the instructor of the course, either at the beginning of the school year, or at the start of the second semester, depending on the partnering institution.

| Course Number | High School Course Name | College or University | College Course Number | College Course Name | # of College Credit Hours |
|-------------------|----------------------------------|-----------------------|-----------------------|----------------------------------|---------------------------|
| HS4019/ HS4803 | Calculus/IB Math A&A 12 | UMKC | MATH 210 | Calculus I | 4 |
| HS7011 | Child and Adolescent Development | UCM | CFD1220 | Child and Adolescent Development | 3 |
| HS7008 | Business Administration | Longview | BUSN 100 | Business Essentials | 3 |
| HS4020 | College Algebra (year-long) | UMKC | MATH110 | College Algebra | 3 |
| HS4035 | College Algebra (semester-long) | UMKC | MATH110 | College Algebra | 3 |
| HS4022 | College Statistics | Longview | MATH115 | College Statistics | 3 |
| HS1052 | College Credit English | Longview | ENG101/102 | English 101/102 | 6 |
| HS2004 | French IV | UCM | FRN 1201/1202 | Elementary French I / II | 6 |
| HS2802 | IB French V SL | UCM | FRN 2201/2202 | Intermediate French I / II | 6 |
| HS2014 | German IV | UCM | GER1301/1302 | Elementary German I / II | 6 |
| HS2811 | IB German V SL | UCM | GER2301/2302 | Intermediate German I / II | 6 |
| HS2024 | Mandarin Chinese IV | MSU | CHI 101/102 | Elementary Chinese I/II | 6 |
| HS2025 | IB Mandarin Chinese V SL | MSU | CHI 201/202 | Intermediate Chinese I/II | 6 |
| HS3802 | IB History 11 | Longview | HISTORY120 | United States History to 1865 | 3 |
| HS3803 | IB History 12 | Longview | HISTORY121 | United States History Since 1865 | 3 |
| HS3808 | IB Psychology | UCM | PSY1100 | Psychology | 3 |
| HS6804 | IB Visual Arts | Longview | ART101/280 | Art Fundamentals II | 3 |
| HS6022 | Portfolio II | Longview | ART101/280 | Art Fundamentals II | 3 |
| HS2034 | Spanish IV | UCM | SPAN 1601/1602 | Elementary Spanish I / II | 6 |
| HS2832 | IB Spanish V SL | UCM | SPAN 2601/2602 | Intermediate Spanish I / II | 6 |
| HS2831 | IB Spanish IV HL | UCM | SPAN 1601/1602 | Elementary Spanish I / II | 6 |
| HS2833 | IB Spanish V HL | UCM | SPAN 2601/2602 | Intermediate Spanish I / II | 6 |
| HS1062 | Advanced Video Technology | UCM | COMM 1519 | Media Aesthetics | 3 |
| HS1061 | Advanced Broadcasting | UCM | COMM 1500 | Writing Across the Media | 3 |
| HS7032 | Culinary Arts II | MSU | HSP 321 | Principles of Food Preparation | 3 |
| HS1 | Discovering Theatre | UCM | THEA 2400 | Discovering Theatre | 3 |





SUMMIT TECHNOLOGY ACADEMY

Academics Amplified. Professions Launched.

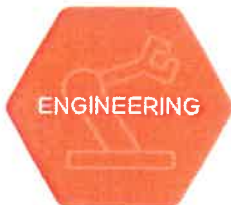
1101 NW Innovation Pkwy
Lee's Summit, MO 64086

816.986.3410

@STAexcels

@STAexcels

facebook.com/sta.lsr7



Engineering courses include **digital electronics**, **computer integrated manufacturing**, **aerospace engineering** a capstone course called **engineering design & development** and **aerospace academy**. These fast-paced, college level courses in applied logic give students the opportunity to learn how computers/logic circuits think and control the world around us. Students will complete individual and team projects in a three dimensional, solid modeling software package with mass property analysis and design interface tools. Engineering courses provide students with the fundamental knowledge and experience to apply mathematical, scientific, and engineering principles to the design, development, and evolution of aircraft, space vehicles and their operating systems. The capstone course allows students to research, design and construct a solution to a real-world problem. Engineering field experience allows teams to work side-by-side with professional engineers.



STA addresses tech industry demands in computer science by offering 8 semester courses allowing students to personalize their learning path by taking 2 courses per year. **DevSecOps** course (**Development**, **Security**, and **Operations**) dives into network operations and programming by using the lens of security to tie it all together. **Advanced Networking and Cyber Concepts** continues the comprehensive approach into networking and cyber concepts. Two options in software development include courses in **Java** and **Python**, empowering students with critical concepts of programming languages. Two deeper level development courses include **Data/Artificial Intelligence** and **Applications**. The **CyberSecurity** and **Cyber Operations** courses provide advanced skills and strategies to protect systems. All courses use hands-on activities and simulations that are aligned with university curriculum and industry standards.



Allied health engages students in hands-on skills labs in such areas as Dental Assisting; Health Information Technology; Occupational Therapy/Occupational Therapy Assistant; Paramedic/EMT; Physical Therapy/Physical Therapy Assistant; Radiologic Technology and Respiratory Care, Surgical Technology, Chiropractic, Athletic Training, Laboratory, Pharmacy, and other allied health careers. **Biomedical science** courses allows students to investigate the variety of interventions involved in the prevention, diagnosis and treatment of diseases. Students apply knowledge to solve problems related to biomedical science through independent research projects. The **professional nursing** course prepares students for a collegiate level nursing program including topics such as nursing history, pharmaceutical math, CPR/first aid, nursing skills and medical terminology. Students practice these skills in clinical settings.



The **teacher educator academy** offers students the opportunity to put theory into action through classroom work and the practicum. Students will develop skills and professionalism needed to succeed as an educator as they work directly with students/adults in the practicum. **International studies** is designed for students who are passionate about world cultures, languages, and diversity. Through service projects and possible internships, students will meet and work with refugees and recent immigrants, applying content knowledge to actual, meaningful situations. **Business finance and fintech** covers instruction in risk management, data analysis (big data), financial technology, financial modeling, P&L statements, and economics. **Hospitality, tourism, and recreation management** works to optimize each customer's experience throughout multiple industries. This course will utilize the facilities at Paradise Park for real-world work, acquire certifications, and experiences transferable to a variety of industries. **FireFighter Academy** students will be immersed in LSFD fire training with a certified LSFD Firefighter instructor.



Digital media technology gives students an opportunity to explore and prepare for careers in arts, audio/video technology, and communications. Students will focus on the complete video and audio production workflow from preproduction through post production. They will work in teams to integrate music, graphics and video technologies in entrepreneurial projects for their schools and/or communities. Students have the opportunity to prepare for an industry-recognized certification in Apple Final Cut Pro.



Environmental studies offers students the ability to build upon the success in previous science courses and apply those concepts to a living environment working directly with wild species native to the region. Students will make sense of the science with the complex Missouri prairie, woodland, and wetland ecosystems. At Paradise Park, students will investigate nature through ecological, cultural, and economic lenses with a hands-on approach in natural habitats. Through scientific inquiry and presentation, students will engage in a capstone project showcasing their individual interests and research within a particular area.



SUMMIT TECHNOLOGY ACADEMY

Academics Amplified. Professions Launched.

SUMMARY OF PREREQUISITES

| Programs | Prerequisites/ Recommendations |
|-----------------------------------|--|
| ENGINEERING | |
| Digital Electronics | 2.5 or higher GPA; Algebra I with B- or better; 90% attendance Recommended: PLTW Intro. to Eng./ Principles of Eng. |
| Computer Integrated Manufacturing | 2.5 or higher GPA; Algebra I with B- or better; 90% attendance Recommended: PLTW Intro. to Eng./ Principles of Eng. |
| Aerospace Engineering | 2.5 or higher GPA; Algebra II with B- or better; 90% attendance Recommended: PLTW Intro. to Eng./ Principles of Eng. |
| Engineering Design & Development | PLTW Digital Electronics or Computer Integrated Manuf. or Aerospace Engineering or Civil Engineering Architectural; Physics B or better; 90% attendance |
| Aerospace Academy | 2.5 or higher GPA; Algebra I with a B- or better; 90% attendance; Aerospace Academy (AE) and Digital Electronics (DE) are highly recommended for students interested in avionics and aviation maintenance career paths |

| HEALTH SCIENCE | |
|--|--|
| Medical Interventions/ Biomedical Innovation | 2.5 or higher GPA; 90% attendance; PLTW Principles of Biomedical Science/Human Body Systems or two of the following science courses: biology, chemistry, anatomy or other related courses with a B- or better |
| Allied Health | 2.5 or higher GPA; 90% attendance; biology or chemistry with C or better |
| Professional Nursing (seniors only) | 2.5 or higher GPA; 90% attendance; biology and chemistry with B- or better |

| ARTS & COMMUNICATION | |
|---------------------------------|---|
| Digital Media Technology | 2.5 or higher GPA; 90% attendance; Algebra I with a C or better; a total of 2 credits of Fine Art and/or Practical Art. Additionally, students are required to submit one audio/video portfolio artifact. See catalog or course webpage for example artifacts |

| NATURAL RESOURCES | |
|--|--|
| Environmental Studies (at Paradise Park) | 2.5 or higher GPA; 90% attendance; Algebra I, Biology I, and Chemistry I with B- or better |

| Programs | Prerequisites/ Recommendations |
|-------------------------------------|--|
| COMPUTER SCIENCE | |
| DevSecOps | GPA 2.5 or higher; 90% attendance; Algebra I with B- or higher. One of the following PLTW Computer Science Essentials or PLTW Computer Science Principles or CHAOS I (offered through R7 Online) |
| Advanced Network and Cyber Concepts | DevSecOps with B- or higher or teacher recommendation; GPA 2.5 or higher; 90% attendance; Algebra I with B- or higher |
| CyberSecurity | DevSecOps with B- or higher or teacher recommendation; GPA 2.5 or higher; 90% attendance; Algebra I with B- or higher |
| Cyber Operations | DevSecOps with B- or higher or teacher recommendation; GPA 2.5 or higher; 90% attendance; Algebra I with B- or higher |
| Software Development – Python | GPA 2.5 or higher; 90% attendance; Algebra II with B- or higher or previous programming knowledge |
| Software Development – Java | GPA 2.5 or higher; 90% attendance; Algebra II with B- or higher or previous programming knowledge |
| Software Development – Data and AI | Software Development – Python or PLTW Computer Science Principles; GPA 2.5 or higher; 90% attendance; Algebra II with B- or higher or previous programming knowledge |
| Software Development – Applications | Software Development – Java or PLTW Computer Science A and a teacher recommendation; GPA 2.5 or higher; 90% attendance; Algebra II with B- or higher or previous programming knowledge |

| HUMAN SERVICES & FINANCE | |
|--|---|
| International Studies (SISA) | 2.5 or higher GPA; 90% attendance; two years of foreign languages |
| Teacher Educator Academy (seniors only) | 2.5 or higher GPA; 95% attendance; one unit of child development courses, adolescent psychology, or sociology |
| Business Finance and Fintech | 2.5 or higher GPA; 90% attendance; Algebra I with B- or better, one unit of business with B- or better |
| Hospitality, Tourism, and Recreation Management (at Paradise Park) | 2.5 or higher GPA; 90% attendance; Algebra I with B- or better |
| FireFighter Academy | 2.5 or higher GPA; 95% attendance; Algebra I with C or better |

Herndon Career Center

Programs at a Glance



hcc.raytownschools.org



Advertising Art and Graphic Design

Students will learn to excel in the Adobe Creative Suite. They will learn about the design process from initial sketch to final product production.

Ex: Logo Design, Website Design, Print and Digital Productions, Animations, Artistic Critiques, Creative Problem Solving, Branding

Adobe Certifications, OSHA10, Client Connected Design, Articulated Credit, Commercial Printing Experience Opportunities

Animal Health Sciences

Students will explore the animal health industry. They will learn about a variety of career opportunities that fall within large and small animals, marine life, exotic animals.

Ex: Real World Company Based Projects, Team Based Research Projects, Individual Passion Projects, Site Visits, Guest Speakers, College Tours, Focus on Professional Skills

Internship Opportunities, Leadership Opportunities, Dual Credit Opportunities
Daily Transportation is Required

Automotive Collision

Students will learn skills needed to be an entry level auto body repair and refinishing positions in a dealership or independent repair shops.

Ex: Body and Structural Repair Skills, Basic Mig Welding Techniques, Standard Metal Straightening Techniques, Detail Services, Color Matching Techniques and Application

ICAR Certifications, OSHA10, Client Repair Work, Articulated Credit, Leadership Opportunities

Automotive Technology

Students will learn entry level automotive technician skills.

Ex: Changing Brakes, Changing Oil, Tire Rotation and Replacement, Electrical Systems, Basic Engine Repair, Transmission Repair

ASE Student Certifications, ASE 609, SNAP-ON Multi-meter Certifications, Internship Opportunities, Client Repair Work

Behavioral Health

Students will learn about careers in Behavioral Health Sciences through comprehensive exploration of careers in psychology and sociology.

Ex: Introduction to Behavioral Health, Studies of Human Development and Psychology, Substance Abuse and Addiction Awareness, Mental Health Disorder Research

OSHA-Healthcare, CPR Certification, Job Shadowing Opportunities

Business Innovation and Creation

Students will explore all aspects of owning and operating a business. They will focus on entrepreneurship, marketing and economic development.

Ex: Real World Company Based Projects, Team Based Research Projects, Individual Passion Projects, Site Visits, Guest Speakers, College Tours, Focus on Professional Skills

Internship Opportunities, Leadership Opportunities, Dual Credit Opportunities
Daily Transportation is Required

Construction Technology

Students will learn safety, technical skills and employability skills to prepare for the workplace. They will work in a team for planning/constructing projects.

Ex: Blueprint Reading, Basic Concrete Finishing, Structural Framing, Electrical, Plumbing, Interior Finishing, Roofing, Heavy Equipment Operation, Career Opportunities

Career Connections Levels 1, 2, 3 Certifications, OSHA10, Internship Opportunities, Leadership Opportunities

Cosmetology

Students will learn skills and theory required to sit for the State Board of Licensing Cosmetology Exam to become a Licensed Cosmetologist.

Ex: Hair & Scalp Care, Haircutting Techniques, Chemical Applications, Skin Care, Nail Care, Personal Hygiene, Business and Professional Ethics, Safety/Sanitation Methods

Cosmetology All Certification, OSHA10, Barbicide Certification, Milady Rise Certification, Salon Experience

Culinary Arts

| | | |
|---|--|--|
| Students will learn industry standard safety and sanitation and advanced cooking methods. They will learn theories and methods for ingredient/labor cost control. | Ex: Industry Standard Cooking and Sanitation, Industry Standard Cooking Techniques, Recipe Creation, Cost Management, Front/Back of House Experience | Food Handlers License, OSHA10-Culinary, ProStart Level 1, 2 and ProStart COA, Banquet Experience, Leadership Roles |
|---|--|--|

Diesel Mechanics

| | | |
|--|--|---|
| Students will learn skills that will prepare them as entry level Diesel Technicians. They will work on maintenance, service and repairs for semi-trucks and heavy equipment. | Ex: Preventative Maintenance, Service Repairs, Basic Engine Work, Electrical Controls, Entry Level Mig Welding, Basic Hydraulics, Wheel & Tire Replacement | ASE Student Certifications, OSHA10, ASE 609 Certification, Internship Opportunities, Leadership Opportunities |
|--|--|---|

Education Exploration

| | | |
|--|---|---|
| Students will explore the field of Education with a focus on curriculum development, instructional and behavior management strategies and teacher collaboration. | Ex: Student Teaching Experiences, Guest Speakers, Team Based Research Projects, Individual Passion Projects, Site Visits, Focus on Professionalism Skills | Internship Opportunities, Leadership Opportunities, Dual Credit Opportunities *Daily Transportation is Required* |
|--|---|---|

Emergency Medical Technician

| | | |
|--|---|---|
| Students will learn to provide pre-hospital assessment and care for patients of all ages and all medical conditions, ranging from traumatic injuries to medical emergencies. | Ex: Trauma Patient Assessment, Medical Patient Assessment, Oxygen Administration, Airway and BVM Ventilation, Bleeding Control, Spinal Immobilization | NREMT Certification, CPR/First Aid Certification, OSHA-Healthcare, Clinical Experiences, Articulated Credit |
|--|---|---|

Foundations of Nursing

| | | |
|--|---|---|
| Students will learn the practical skills and content knowledge to earn the CNA certification. The 100 clinical hours needed will be earned during the school term. | Ex: Feeding, Bathing and Dressing Residents, Safe Patient Transfers, Medical Terminology, Anatomy, Physiology, Basic Nursing Skills | CNA Certification, OSHA-Healthcare, CPR Certification, Leadership Opportunities, Dual Credit Opportunities *Transportation Required for Clinical Days* |
|--|---|---|

HVAC/Industrial Maintenance

| | | |
|---|--|---|
| Students will learn the skills needed to assemble, install, troubleshoot and repair both residential and commercial HVAC/R equipment. | Ex: Electrical Training, Pipe Fitting, Plumbing, Ventilation Design, Gas Heat Troubleshooting and Repair, Refrigeration Air Distribution | Internship Opportunities, OSHA10, EPA608 Certification, H.E.A.T Gas Certification |
|---|--|---|

Introduction to Physical Therapy/Sports Medicine

| | | |
|--|---|---|
| Students will learn about the human body and its movements, specific disorders and treatments, and post secondary and career opportunities in the PT/Sports Med pathway. | Ex: Medical Terminology, Safe Transfers, Use of Assistive Walking Devices, Injury Recognition, Exercise Programming, Nutrition/Weight Management. | OSHA-Healthcare, CPR Certification, Dual Credit Opportunity, NASM Personal Training Certification, Internship Opportunities |
|--|---|---|

Law Enforcement/Police Science

| | | |
|--|--|--|
| Students will learn about the Law Enforcement industry including the historical perspectives, criminal justice career fields and entry level practical skills. | Ex: De-escalation Techniques, Handcuffing, Routine Traffic Stops, Report Writing, Crime Scene Investigation, Forensic Science Exploration, Public Safety Awareness | OSHA-Public Safety, Dual Credit Opportunities, CPR Certification, FEMA Certifications, MO Law Enforcement Skills and Knowledge Certification |
|--|--|--|

Turf Management and Horticulture

| | | |
|---|--|---|
| Students will explore the career opportunities within the Plant Science industry focusing on turf grass management, landscape design, greenhouse maintenance. | Ex: Real World Client Projects, Hands-On Projects, Guest Speakers, Team Based Research Projects, Individual Passion Projects, Site Visits, Professional Skills | Internship Opportunities, Leadership Opportunities, Dual Credit Opportunities *Transportation is Required* |
|---|--|---|

Welding and Metal Fabrication

| | | |
|--|--|--|
| Students will learn about welding theory and technique. Students will get hands on experience while gaining valuable employability skills. | Ex: Basic Flame Cutting, Oxy-Fuel Welding, Shielded Metal Arc Welding, Welding Theory, Measuring, Blueprint Reading, Employability Skills, Career Research | AWS Certifications, OSHA10, AWS SENSE Curriculum, Articulated Credit Opportunities, Internship Opportunities, Leadership Opportunities |
|--|--|--|

EARLY COLLEGE PROGRAM

Empowering College & Career Ready Students



Authentic College Experience in High School



Tuition Savings

Half-price MCC Tuition.
Financial Assistance for
Qualifying Students.



Degree Acceleration

Lighten the Load
Meet Program Prerequisites
Earlier Degree completion
Highly Transferrable Credit (CORE 42)



Flexible Scheduling

The college schedule allows
students time to work,
complete an internship, or
participate in off-
campus/high school
programs & activities

All classes count for high school credit.

Classes held on campus and online through Metropolitan Community College-Longview Campus.

All classes are MSHSAA & NCAA Approved

Program Requirements

- Students in grades 11 or 12
- Minimum 2.5 GPA & Qualifying ACT/Accuplacer scores (see website for details)
- 3.0 GPA (non-math based courses) 3.3 GPA & successful completion of Alg. II (College Alg., Statistics)
- ECP and MCC application completion

Apply at ecp.lsr7.org

Academic & Career Pathways

All curriculum, course descriptions, and pathway information can be found on the ECP website: ecp.lsr7.org

Associate of Arts Degree

LSR7 students have the opportunity to earn an Associate of Arts degree from MCC upon graduating from high school. This pathway requires careful and early planning to ensure that both high school graduation and degree requirements are fulfilled. Additionally, summer classes may be necessary.

Accelerate Bachelor of Science in Nursing

The Accelerated Bachelor of Science in Nursing (ABSN) program was designed in collaboration with Summit Technology Academy and Metropolitan Community College (MCC). This innovative program empowers students to meet nursing program prerequisites while earning an Associate of Arts (AA) Degree, and ultimately securing a coveted spot in one of five esteemed nursing programs in the Kansas City area.

Business - Associate of Applied Science

Students can obtain an AAS degree one semester after graduating high school, with the option to take further courses and transfer to Northwest Missouri State to complete a Bachelor of Applied Science degree.

Education - Teaching

This program provides the foundational courses necessary for teacher certification. It's a fantastic option for students interested in the STA Teacher Academy and the LSR7 Grow Your Own program. *ENGL 101 - Composition & Reading I course is a prerequisite for all education-related coursework.*

Electives

A variety of coursework is available in business, criminal justice, social and behavioral sciences, fine arts, natural sciences, mathematics, and humanities.

Engineering Technology

Students can pursue a certificate in OSHA, CADD, and Drafting, as well as an Associate of Applied Science degree in this high-demand field.

General Education

Foundational coursework is required for most Associate of Arts and Bachelor degrees, averaging 40-45 credit hours across subjects such as communications, social sciences, natural sciences, mathematics, and humanities & fine arts.

Health Science

Students have the opportunity to take prerequisite courses necessary for admission into Nursing and Allied Health programs.

Hospitality

In collaboration with Summit Technology Academy, students can complete an Associate of Arts degree one year after high school and have the option to pursue a Bachelor of Applied Science degree in Hospitality Leadership at Missouri State.

Erin Barnett, Program Coordinator

erin.barnett@lsr7.net or (816)604-2114