

2024-2025
Lorena High School Course Registration
Academic Core Choices
Grades 10-12

English Language Arts

| Course Name | Grade Levels | Additional Information |
|---------------------------|---------------------|---|
| English II - IV | 10-12 | |
| English II Pre-AP | 10 | <ul style="list-style-type: none"> ● AP preparatory curriculum ● 1.1 grade weighting for rank ● Summer assignment and expectations document required |
| English III – IV AP | 11-12 | <ul style="list-style-type: none"> ● Advanced Placement** ● Pre-AP completion recommended |
| MCC English 1301 and 1302 | 12 | <ul style="list-style-type: none"> ● Dual credit * |

Social Studies

| Course Name | Grade Levels | Additional Information |
|---|---------------------|--|
| World History | 10 | |
| World History AP | 10 | <ul style="list-style-type: none"> ● Advanced Placement** |
| United States History | 11 | |
| MCC United States History 1301 and 1302 | 11 | <ul style="list-style-type: none"> ● Dual credit * |
| Government and Economics Free Enterprise or Personal Financial Literacy and Economics | 12 | |
| MCC GOVT 2305 and ECO 2301 | 12 | <ul style="list-style-type: none"> ● Dual credit* |

Science

| Course Name | Grade Levels | Additional Information |
|--------------------|---------------------|---|
| Biology | 9-10 | |
| IPC | 10 | |
| Chemistry | 10-12 | <ul style="list-style-type: none"> ● Prerequisite: Algebra I ● Recommended: enroll concurrently with Algebra II |
| Physics | 10-12 | <ul style="list-style-type: none"> ● Prerequisite: Algebra I |

| | | |
|---------------------------------|-------|---|
| Advanced Plant and Soil Science | 11-12 | <ul style="list-style-type: none"> Pre-requisites: Biology and additional science credit; one AGFNR course |
| Anatomy and Physiology | 11-12 | <ul style="list-style-type: none"> Prerequisites: Biology and additional science credit |
| Forensic Science | 11-12 | <ul style="list-style-type: none"> Prerequisites: Biology and Chemistry |
| Physics 1 AP | 11-12 | <ul style="list-style-type: none"> Prerequisite: Algebra II Advanced Placement** |
| Biology AP | 12 | <ul style="list-style-type: none"> Advanced Placement** Pre-requisites: Biology & Chemistry |

Mathematics

| Course Name | Grade Levels | Additional Information |
|---|---------------------|--|
| Geometry | 9-10 | <ul style="list-style-type: none"> Prerequisite: Algebra I |
| Geometry Pre-AP | 9-10 | <ul style="list-style-type: none"> 1.1 grade weighting for rank “Masters” on Alg I EOC Teacher recommendation |
| Algebra II | 10-12 | <ul style="list-style-type: none"> Pre-requisites: Algebra I and Geometry |
| Algebra II H | | <ul style="list-style-type: none"> 1.1 grade weighting for rank |
| Independent Study Mathematics (Algebra III) | 11-12 | <ul style="list-style-type: none"> Prerequisite: Algebra II Can only be taken prior to Pre-Calculus |
| Math Models with Applications | 10-12 | <ul style="list-style-type: none"> Prerequisite: Algebra I Teacher Recommendation |
| Statistics and Business Decision Making | 12 | <ul style="list-style-type: none"> Prerequisite: Algebra II and 950+ on TSI Math |
| Pre-Calculus | 11-12 | <ul style="list-style-type: none"> Prerequisite: Algebra II |
| Pre-Calculus H | 11-12 | <ul style="list-style-type: none"> 1.1 grade weighting for rank |
| Calculus AB AP | 12 | <ul style="list-style-type: none"> Advanced Placement** |
| College Preparatory Math (CPM) | 12 | <ul style="list-style-type: none"> Counselor Approval Required |

Foreign Language (LOTE)

| Course Name | Grade Levels | Additional Information |
|-------------------------|---------------------|---|
| Spanish I - IV | 9-12 | <ul style="list-style-type: none">● Prerequisite for II-VI: successful completion of LOTE previous level● 1.1 grade weighting for III-IV |
| German I - IV | 9-12 | <ul style="list-style-type: none">● Prerequisite for II-VI: successful completion of LOTE previous level● 1.1 grade weighting for III-IV |
| Computer Science I - II | 9-12 | <ul style="list-style-type: none">● Recognized as a foreign language substitute in the state of Texas |

***Dual Credit**

- MCC application and TSI requirements
- 1.1 grade weighting for rank (if taught on HS campus)
- MCC tuition and fees apply
- Additional dual credit courses are available online or on MCC campus – see counselor for complete list and more information

****Advanced Placement**

- 1.1 grade weighting for rank
- Summer assignment and expectations document required.
- AP exam participation is required for weighted credit.
- Payment for the AP test is required in the fall semester. Financial assistance is available to those who qualify.

Please visit the Lorena High School Guidance and Counseling webpage for complete course descriptions.

NOTE: *All courses listed are not guaranteed and subject to meeting staffing and enrollment requirements.*