

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.