

## **COURSE REGISTRATION 2024-2025** **JUNIOR**

*Please put careful thought into your course selections.* The coursework you take should be challenging and prepare you for success in your post-high school plans. Lancaster High School course offerings also allow you wonderful opportunities to explore new areas and cultivate new interests. *Enjoy your opportunities!!*

### **REQUIRED COURSES**

As juniors, you are required to take English, Math, Science, American Government and one semester of Physical Education.

### **ELECTIVE COURSES**

The list of Elective Course Offerings is displayed on the reverse side of this page. Please put careful thought into choosing your electives. These selections need to not only allow you to meet the entrance requirements for colleges of your choice, but also to be successful once you get there. If your future plans are other than college, make sure you are putting careful thought into your course selections.

***TIP – Look at college catalogs to see what courses are required to earn degrees in programs that interest you.***

Remember to stay well-rounded and continue with your interests outside of the core academic areas.

### **COURSE DESCRIPTIONS**

Course descriptions are available at the Lancaster High School website. Go to: [www.lancastersd.k12.wi.us](http://www.lancastersd.k12.wi.us). Click on Schools - Lancaster High School - Academics - Course Registration - Lancaster High School Program of Studies – Program of Studies 2024-25.

### **STUDY HALL**

Students may not have more than one study hall that meets every day. Students who take Concert Choir, however, will also have a study hall that meets every other day opposite Concert Choir.

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***Please choose carefully!***

The 2024-2025 Master Schedule will be based on the courses students choose during this registration process.

## ELECTIVE COURSE OFFERINGS JUNIOR 2024-2025

### FULL YEAR/COURSE NAME

#### AGRICULTURE

Plants, Animals, and You

#### BUSINESS

*\*Accounting (TC)*

*#Publications*

*\*Computer Science Principles (PLTW)*

#### MATHEMATICS (Required)

Bridge to Algebra II

*\*Algebra II*

*\*AP Pre-Calculus*

*\*AP Calculus*

#### MUSIC

*\*\*Band (full credit)*

Concert Choir (1/2 credit)

*\*\*Chamber Singers (1/2 credit)*

#### SCIENCE

*\*Anatomy & Physiology*

*\*AP Biology*

Chemistry

*\*Chemistry II*

*\*AP Environmental Science*

*\*Physics*

#### SOCIAL STUDIES

*\*AP US History*

*\*AP Psychology (TC)*

#### TECHNOLOGY

*\*Introduction to Engineering Design (PLTW)*

*\*Principles of Engineering (PLTW) (Odd Years Only)*

*\*Civil Engineering & Architecture (PLTW)(Even Years Only)*

Introduction to Tech Systems

***\*\*Must successfully complete requirements in addition to the normal course requirements.***

### WORLD LANGUAGES

Spanish I

Spanish II

*\*\*Spanish III*

*\*\*Spanish IV*

### SEMESTER/COURSE NAME

#### AGRICULTURE

Small Animal Science (Fall)

Large Animal Science (Spring)

*\*Veterinary Science (Fall)*

Food Science

Wildlife Management (Fall)

Introduction to Welding (Fall)

*\*Advanced Welding (Spring)*

Introduction to Mechanics

Applied Agri-Science-Plants (Fall)

Ag Business Management &

Marketing (Spring)

Ag Metal Fabrication

#### ART

Drawing I

Drawing II-III

Drawing IV

Painting I

Painting II-III

Painting IV

Pottery

Pottery II

Pottery III

3D Studio Art

#### BUSINESS

*\*Advanced Microsoft Office*

*\*\*^Business Enterprise (TC)*

*Website & Video Game Design*

*\*Entrepreneurship (TC)*

*\*\*^Sales and Marketing (TC)*

#### PHYSICAL EDUCATION

Fit for Life 1

Fit for Life 2

Team Sports 1

Team Sports 2

Weightlifting 1

Weightlifting 2

### ENGLISH

Creative Writing

Themes in Literature

Workplace Communication

*\*Drama Literature*

### HEALTH

Health Issues

### MATHEMATICS (Elective)

Financial Literacy

Elementary Statistics

### MUSIC

Music Appreciation

Music Theory

### SCIENCE

Astronomy

Everyday Chemistry

STEM

### SOCIAL STUDIES

Introduction to Law

*\*Economics*

*\*Human Social Behavior (Fall)*

World Cultures (Spring)

### TECHNOLOGY

Better Homes & Interior Décor

*#Ind. Study in Technology*

Intro. to Technology Systems

Wood Technology

Construction

#### Even Years Only

FAB LAB (Fabrication Laboratory)

Photography Technology

#### Odd Years Only

Audio and Video Production

*\* Indicates Laude Points*

*# Instructor Approval Required*

*^ Laude point awarded if course is taken Fall of 2021 or after.*

*Even year/odd year – year we're in when school year begins. 2024-25 will be an even year.*

# Lancaster High School

## Math Sequence

Accelerated	High School Graduation	Career Pathway
8th Grade Algebra I	8th Grade Math 8	8th Grade Math 8
9th Grade Honors Geometry	9th Grade Algebra I	9th Grade Principles of Algebra
10th Grade Algebra 2	10th Grade Honors Geometry	10th Grade Geometry
11th Grade AP PreCalculus	11th Grade Algebra 2	11th Grade Bridge to Algebra 2
12th Grade AP Calculus	12th Grade AP PreCalculus	12th Grade Algebra 2

### NOTES:

\* No doubling up on Geometry/Honors Geometry and Algebra 2 without math teacher's signature.

*Elementary Statistics and Financial Literacy* are primarily senior electives but also available as a second math class for juniors.

# LAUDE SYSTEM

Revised 12/19/23

**Students must have a cumulative GPA of 3.20 or better to qualify for Laude distinction.**

**$GPA \times Honors\ Points = Laude\ Rank$**

**Classes must be passed to earn honors points.**

### Laude Points

AP Biology .....(Sem 1) 1 pt _____	AP Psychology (TC) (Sem 1) 1 pt _____	#Business Enterprise (TC).....1 pt _____
AP Biology.....(Sem 2) 1 pt _____	AP Psychology (TC) (Sem 2) 1 pt _____	College Composition (TC)..... .1 pt _____
AP PreCalculus .(Sem 1) 1 pt _____	AP US History.....(Sem 1) 1 pt _____	*Entrepreneurship (TC).....1 pt _____
AP PreCalculus .(Sem 2) 1 pt _____	AP US History.....(Sem 2) 1 pt _____	#Sales and Marketing (TC).....1 pt _____
AP Calculus .....(Sem 1) 1 pt _____	Accounting (TC)..... (Sem 1) 1 pt _____	STEMStart (TC).....1 pt _____
AP Calculus.....(Sem 2) 1 pt _____	Accounting (TC).....(Sem 2) 1 pt _____	
AP Environmental Science (Sem 1)..... 1 pt _____	Spanish V (Sem 1)..... 1 pt _____	
AP Environmental Science (Sem 2)..... 1 pt _____	Spanish V (Sem 2)..... 1 pt _____	
PLTW Intro to Engineering & Design ..(Sem 1) 1 pt _____	PLTW Computer Science & Software Eng.....(Sem 1) 1 pt _____	
PLTW Intro to Engineering & Design ..(Sem 2) 1 pt _____	PLTW Computer Science & Software Eng.....(Sem 2) 1 pt _____	
PLTW Principles of Engineering .....(Sem 1) 1 pt _____	PLTW Civil Engineering ..... (Sem 1) 1 pt _____	
PLTW Principles of Engineering .....(Sem 2) 1 pt _____	PLTW Civil Engineering ..... (Sem 2) 1 pt _____	
PLTW Engineering Design & Development....(Sem 1) 1 pt _____		
PLTW Engineering Design & Development....(Sem 2) 1 pt _____		

**# Laude point is awarded if the course is taken Fall of 2021 or after.**

**One honor point will be awarded for each college class taken and passed at an accredited college or university that counts toward the completion of an Associate's or Bachelor's Degree.**

Drama Literature .....(Sem) (.50 pt) _____	Advanced Welding.....(Sem) (.50 pt) _____
Honors Geometry..... (Sem 1) (.50 pt) _____	Spanish III .....(Sem 1) (.50 pt) _____
Honors Geometry..... (Sem 2) (.50 pt) _____	Spanish III .....(Sem 2) (.50 pt) _____
Algebra II..... (Sem 1) (.50 pt) _____	Spanish IV..... (Sem 1) (.50 pt) _____
Algebra II..... (Sem 2) (.50 pt) _____	Spanish IV..... (Sem 2) (.50 pt) _____
Anatomy & Physiology.... (Sem 1) (.50 pt) _____	**Honors Band.....(Sem 1) (.50 pt) _____
Anatomy & Physiology.... (Sem 2) (.50 pt) _____	**Honors Band.....(Sem 2) (.50 pt) _____
Chemistry II .....(Sem 1) (.50 pt) _____	**Honors Choir .....(Sem 1) (.50 pt) _____
Chemistry II..... (Sem 2) (.50 pt) _____	**Honors Choir .....(Sem 2) (.50 pt) _____
Physics..... (Sem 1) (.50 pt) _____	Human Social Behavior (Sem)(.50 pt) _____
Physics .....(Sem 2) (.50 pt) _____	Economics .....(Sem) (.50 pt) _____
	Experimentation.....(Sem) (.50 pt) _____
*Advanced Microsoft Office ..(Sem)(.50 pt) _____	Veterinary Science .....(Sem) (.50 pt) _____

**\*Must pass the Final Exam to earn Laude Points.**

**\*\*Must successfully complete requirements in addition to the normal course requirements.**

\_\_\_\_\_ Cumulative GPA X \_\_\_\_\_ Honors Pts. = \_\_\_\_\_ Laude Points

SUMMA CUM LAUDE (50 + POINTS) .....	GOLD HONOR CORDS
MAGNA CUM LAUDE (32-49.9 LAUDE POINTS) .....	SILVER HONOR CORDS
CUM LAUDE (16-31.9 LAUDE POINTS) .....	WHITE HONOR CORDS

Name \_\_\_\_\_

**STUDENT SELECTIONS 2024-2025**  
**JUNIOR**

Fill in your subject selection in the box below. Complete both semesters.

<b><u>FIRST SEMESTER</u></b>	<b><u>Course #</u></b>	<b><u>Course Selection -- *Indicates Laude Course</u></b>
1. English Requirement .....	138	English III
2. Math Requirement .....	434	Bridge to Algebra II
	422	*Algebra II
	460	* AP Pre-Calculus
	440	*AP Calculus
3. Science Requirement .....	345	Astronomy .5 credit
	329	*Anatomy & Physiology
	331	Chemistry
	346	STEM
	347	Everyday Chemistry .5 credit
	334	*Physics
4. Required .....	235	<u>American Government</u>
5. Phy Ed Requirement .....		_____
6. Elective .....		_____
7. Elective .....		_____
8. Elective .....		_____

	<b><u>Course #</u></b>	<b><u>*Course Selection - *Indicates Laude Course</u></b>
1. English Requirement .....	139	English III
2. Math Requirement .....	438	Bridge to Algebra II
	423	*Algebra II
	436	*AP Pre-Calculus
	441	*AP Calculus
3. Science Requirement .....	345	Astronomy .5 credit
	330	*Anatomy & Physiology
	332	Chemistry
	346	STEM
	347	Everyday Chemistry .5 credit
	335	*Physics
4. Required .....	236	<u>American Government</u>
5. Elective .....		_____
6. Elective .....		_____
7. Elective .....		_____
8. Elective .....		_____

If you are interested in taking any of the following courses – Independent Study, Publications, you need to have the instructor's approval.

Date \_\_\_\_\_ Parent Signature \_\_\_\_\_

Date \_\_\_\_\_ Student Signature \_\_\_\_\_