

LINDHURST HIGH SCHOOL LEARNING PATHWAYS

Lindhurst High School is providing students with multiple pathways to the same destination: college and career success. Learning pathways prepare students for a full range of post-secondary options: two and four year colleges, apprenticeship, and formal employment training. Through a thematic, practical focus, multiple learning pathways inspire high school students to achieve in college and career.

ACADEMIC PATHWAY (UC/CSU)

9TH GRADE

English 9/Honors English 9
Integrated Math 1
Earth Science/Biology/ Medical Bio/ Sustainable Ag Bio
PE 1
Careers & Intro to any Pathway Exploration course
Elective

10th Grade

English 10/Honors English 10
Integrated Math 1/ Integrated Math 2
Biology/ Medical Bio/ Sustainable Ag Bio /Chemistry
PE II
World History
Elective

11th Grade

English 11/AP English 11
Int Math 2/ Int Math 3/ Pre Calc/Statistics
Chem/Physics/ Geosci /Anat & Phys /AP Bio/Sports Med
US History / AP US History
Fine Arts Elective
Elective/ St. Requirements

12th Grade

English 12/AP English 12
Int Math 3/ Pre Calc/Calc/Statistics
Physics/ Geosci /Anat & Phys /AP Bio/Sports Med
Civic/Econ or AP Macroeconomics/ AP US Gov & Pol
Fine Arts Elective
Elective/ St. Requirements

ELECTIVES

1 year of Fine Arts and 2 years of a Foreign Language are needed to a 4 year college. Minimum GPA for UC is 3.0, CSU is 2.5.

Manufacturing and Product Development (Pathway 213)

9TH GRADE

English 9/Honors English 9
Integrated Math 1
Any Science Course
PE 1
Careers & Intro to Manufacturing & Building Tech
Elective

10th Grade

English 10/Honors English 10
Integrated Math 1/ Integrated Math 2
Any Science Course
PE II
World History
Welding Tech 1

11th Grade

English 11/AP English 11
Int Math 2/ Int Math 3/ Pre Calc/Statistics
Any Science Course
US History / AP US History
Welding Tech I / Welding Tech II
Ag Elective/ St. Requirements

12th Grade

English 12/AP English 12
Int Math 3/ Pre Calc/Calc/Statistics
Any Science Course
Civic/Econ or AP Macroeconomics/ AP US Gov & Pol
Adv Farm Equip & Metal Fabrication
Ag Elective/ St. Requirements

ELECTIVES: 1 year of Fine Arts and 2 years of a Foreign Language are needed to a 4 year college. Minimum GPA for UC is 3.0, CSU is 2.5.

Agricultural Electives: Ag Leadership, Landscape & Ornamental Horticulture, Sustainable Ag Biology, Welding 1,2 & Advance Farm Equip & Metal Fabrication, History of Floral Design, Natural Resources.

Completers must take at least two Agricultural classes their 10th, 11th and 12th grade year, participate in FFA activities, Advance Farm Equipment & Metal Fabrication (Capstone Course), Welding Tech 1 & 2.

Agriculture and Natural Resources (Pathway 104)

9TH GRADE

English 9/Honors English 9
 Integrated Math 1
Sustainable Ag Biology/ any Science course
 PE 1
 Careers & Intro to any Pathway Exploration course
 AG Elective

10th Grade

English 10/Honors English 10
 Integrated Math 1/ Integrated Math 2
Sustainable Ag Bio/ any Science course
 PE II
 World History
 Ag Elective

11TH GRADE

English 11/AP English 11
 Int Math 2/ Int Math 3/ Pre Calc/Statistics
Sustainable Ag Bio/ any Science course
 US History / AP US History
 Ag Elective
 Elective/ St. Requirements

12th Grade

English 12/AP English 12
 Int Math 3/ Pre Calc/Calc/Statistics
Natural Resources
 Civic/Econ or AP Macroeconomics/ AP US Gov & Pol
 Ag Elective
 Elective / St. Requirements

ELECTIVES: 1 year of Fine Arts and 2 years of a Foreign Language are needed to a 4 year college. Minimum GPA for UC is 3.0, CSU is 2.5.

Agricultural Electives: Ag Leadership, Landscape & Ornamental Horticulture, Sustainable Ag Biology, Welding 1,2 & Advance, History of Floral Design, Natural Resources.

Completers must take at least two Agricultural classes their 10th, 11th and 12th grade year; participate in FFA activities, Natural Resources (Capstone course) and Sustainable Ag Biology.

Agriculture and Natural Resources (Pathway 105)

9TH GRADE

English 9/Honors English 9
 Integrated Math 1
 Any Science Course or **Landscape/Ornamental Horticulture**
 PE 1
 Careers & Intro to any Pathway Exploration course
 Ag Elective or any elective

10th Grade

English 10/Honors English 10
 Integrated Math 1/ Integrated Math 2
 Any Science Course or **Landscape/Ornamental Horticulture**
 PE II
 World History
 Ag Elective or any elective

11th Grade

English 11/AP English 11
 Int Math 2/ Int Math 3/ Pre Calc/Statistics
 Any Science Course or **Landscape/Ornamental Horticulture**
 US History / AP US History
 Ag Elective
 Elective/ St. Requirements

12th Grade

English 12/AP English 12
 Int Math 3/ Pre Calc/Calc/Statistics
The Art & History of Floral Design
 Civic/Econ or AP Macroeconomics/ AP US Gov & Pol
 Ag Elective
 Elective / St. Requirements

ELECTIVES: 1 year of Fine Arts and 2 years of a Foreign Language are needed to a 4 year college. Minimum GPA for UC is 3.0, CSU is 2.5.

Agricultural Electives: Ag Leadership, Landscape & Ornamental Horticulture, Sustainable Ag Biology, Welding 1,2 & Advance, History of Floral Design, Natural Resources.

Completers must take at least two Agricultural classes their 10th, 11th and 12th grade year; participate in FFA activities, The Art & History of Floral Design (Capstone course) and Natural Resources.

ARTS, MEDIA and ENTERTAINMENT (Pathway 111)

9TH GRADE

English 9/Honors English 9
Integrated Math 1
Any Science class
PE 1
Careers & Intro to Media Arts & Technology Design or Exploring Computer Science
Elective

10th Grade

English 10/Honors English 10
Integrated Math 1/ Integrated Math 2
Any Science class
PE II
World History
Digital Photo, Blazer Radio or TV, Video Editing

11th Grade

English 11/AP English 11
Int Math 2/ Int Math 3/ Pre Calc/Statistics
Any Science class
US History / AP US History
Elective/ St. Requirements
Digital Photo, Blazer Radio or TV, Video Editing

12th Grade

English 12/AP English 12
Int Math 3/ Pre Calc/Calc/Statistics
Civic/Econ or AP Macroeconomics/ AP US Gov & Pol
Elective
Elective / St. Requirements
Multimedia Production

ELECTIVES: 1 year of Fine Arts and 2 years of a Foreign Language are needed to a 4 year college. Minimum GPA for UC is 3.0, CSU is 2.5.

Agricultural Electives: Ag Leadership, Landscape & Ornamental Horticulture, Sustainable Ag Biology, Welding 1,2 & Advance, History of Floral Design, Natural Resources.

Completers must take Beginning Web Publishing with HTML or Advance Photo (Capstone courses) and Digital Photo.

INFORMATION and COMMUNICATION TECHNOLOGY (Pathway 175)

9TH GRADE

English 9/Honors English 9
Integrated Math 1
Any Science class
PE 1
Careers & Intro to Media Arts & Technology Design or Exploring Computer Science
Elective

10th Grade

English 10/Honors English 10
Integrated Math 1/ Integrated Math 2
Any Science class
PE II
World History
Game Design I or any elective

11th Grade

English 11/AP English 11
Int Math 2/ Int Math 3/ Pre Calc/Statistics
Any Science class
US History / AP US History
Elective/ St. Requirements
Game Design I or any elective

12th Grade

English 12/AP English 12
Int Math 3/ Pre Calc/Calc/Statistics
Civic/Econ or AP Macroeconomics/ AP US Gov & Pol
Elective
Elective / St. Requirements
Game Design II

ELECTIVES: 1 year of Fine Arts and 2 years of a Foreign Language are needed to a 4 year college. Minimum GPA for UC is 3.0, CSU is 2.5.

Agricultural Electives: Ag Leadership, Landscape & Ornamental Horticulture, Sustainable Ag Biology, Welding 1, 2 & Advance, History of Floral Design, Natural Resources.

Completers must take Multimedia Production (Capstone course), Blazer Radio/TV and Video Editing.

ENGINEERING AND ARCHITECTURE (Pathway 150)

9TH GRADE

English 9/Honors English 9
Integrated Math 1
Any Science class
PE 1
Careers & **Intro to Media Arts & Technology Design**
Elective

10th Grade

English 10/Honors English 10
Integrated Math 1/ Integrated Math 2
Any Science class
PE II
World History
Architectural Design 1/Elective

11th Grade

English 11/AP English 11
Int Math 2/ Int Math 3/ Pre Calc/Statistics
Any Science class
US History / AP US History
Elective/ St. Requirements
Architectural Design 1/Elective

12th Grade

English 12/AP English 12
Int Math 3/ Pre Calc/Calc/Statistics
Civic/Econ or AP Macroeconomics/ AP US Gov & Pol
Elective
Elective / St. Requirements
Intro to Engineering & Science

ELECTIVES: 1 year of Fine Arts and 2 years of a Foreign Language are needed to a 4 year college. Minimum GPA for UC is 3.0, CSU is 2.5.

Agricultural Electives: Ag Leadership, Landscape & Ornamental Horticulture, Sustainable Ag Biology, Welding 1, 2 & Advance, History of Floral Design, Natural Resources.

Completers must take Intro to Engineering & Science (Capstone course) and Architecture 1.

HOSPITALITY, TOURISM AND RECREATION (Pathway 201)

9TH GRADE

English 9/Honors English 9
Integrated Math 1
Any Science class
PE 1
Careers & **Intro to Food Services & Business Careers**
Elective

10th Grade

English 10/Honors English 10
Integrated Math 1/ Integrated Math 2
Any Science class
PE II
World History
Culinary Arts 1/Baking 1

11th Grade

English 11/AP English 11
Int Math 2/ Int Math 3/ Pre Calc/Statistics
Any Science class
US History / AP US History
Elective/ St. Requirements
Culinary Arts 1/Baking 1

12th Grade

English 12/AP English 12
Int Math 3/ Pre Calc/Calc/Statistics
Civic/Econ or AP Macroeconomics/ AP US Gov & Pol
Elective / St. Requirements
Basic Food Prep 3A and Beginning Baking 4A (1st Sem)
Adv Food Prep 3B and Adv Baking 4B (2ND Sem)

ELECTIVES: 1 year of Fine Arts and 2 years of a Foreign Language are needed to a 4 year college. Minimum GPA for UC is 3.0, CSU is 2.5.

Agricultural Electives: Ag Leadership, Landscape & Ornamental Horticulture, Sustainable Ag Biology, Welding 1, 2 & Advance, History of Floral Design, Natural Resources.

Completers must take Basic Food Prep 3A and Beginning Baking 4A , Adv Food Prep 3B and Adv Baking 4B (Capstone Courses) and Culinary Arts 1, Baking 1.

AEROSPACE AND LEADERSHIP EDUCATION PATHWAY

9TH GRADE

English 9/Honors English 9
Integrated Math 1
Any Science class
PE 1
Careers & Intro to any Pathway Exploration course
Aerospace Science I

10th Grade

English 10/Honors English 10
Integrated Math 1/ Integrated Math 2
Any Science class
PE II
World History
Aerospace Science I/ Aerospace Science II

11th Grade

English 11/AP English 11
Int Math 2/ Int Math 3/ Pre Calc/Statistics
Any Science class
US History / AP US History
Elective/ St. Requirements
Aerospace Science II/ Aerospace Science III

12th Grade

English 12/AP English 12
Int Math 3/ Pre Calc/Calc/Statistics
Civic/Econ or AP Macroeconomics/ AP US Gov & Pol
Elective / St. Requirements
Aerospace Science III/ Aerospace Science IV

ELECTIVES: 1 year of Fine Arts and 2 years of a Foreign Language are needed to a 4 year college. Minimum GPA for UC is 3.0, CSU is 2.5.

Agricultural Electives: Ag Leadership, Landscape & Ornamental Horticulture, Sustainable Ag Biology, Welding 1, 2 & Advance, History of Floral Design, Natural Resources.

Completers must take Aerospace Science I, Aerospace Science I, Aerospace Science III and Aerospace Science IV