



**EAST NICOLAUS HIGH SCHOOL**

# **COURSE CATALOG**

## **2024-25**

## **Board of Education**

Tom Engler  
Ed Henderson  
Tommy Hintz  
Jeff Tudor  
Erin Van Dyke

## **Administration**

Neil Stinson, Superintendent  
Jacob Geivett, Principal  
Rebecca Gillespie, Learning Director

## **Vision**

East Nicolaus High School will inspire and prepare every student for academic excellence, individual achievement, and future success, while maintaining the courage and honor of our traditions.

## **Mission**

Through partnerships with families and community, East Nicolaus High School is committed to:

- Academic excellence, career preparation & technological understanding
- A safe and small school environment
- Fostering school pride and tradition
- Diverse opportunities, in and out of the classroom
- Preparing students with leadership skills who are self-directed, responsible community members with a strong work ethic

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<https://www.eastnicolaus.k12.ca.us>

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# School Information

Greetings Spartan Nation,

We are pleased to present the East Nicolaus Joint Union High School Course Catalog and Handbook for the upcoming academic school year. The Spartan Handbook is designed to help you make the best possible selection of courses as you go through your four years at East Nicolaus High School. It contains information regarding: graduation requirements, college entrance requirements, class choices with descriptions, and distinct learning pathways.

We are proud to offer multiple CTE Pathways at East Nicolaus High School. ENHS CTE Pathways include: AG Mechanics, AG Mechanics: Heavy Equipment, Agriscience, Business Management, Food Service and Hospitality, and Ornamental Horticulture. Each pathway affords our students a specific opportunity for post-secondary opportunities including: apprenticeships, college and/or employment.

We are confident that our Spartans educational journey at East Nicolaus High School will be meaningful and productive. Students and parents can rely on our teachers, academic advisors, administration, and staff to ensure each Spartan student is progressing toward their goals, ambitions, and life beyond East Nicolaus. Please do not hesitate to call upon us at any time.

If we can be of further help concerning registration or academic advising throughout the school year, please feel free to give the front office a call at [\(530\) 656-2255](tel:5306562255).

## **Policies and Procedures**

### **Report Cards**

With the district's implementation of AERIES, parents are able to review their student's grades and attendance in real time with the AERIES Parent Portal. Information and instructions to obtaining a student's ID number as well as verification code will be distributed at the beginning of the school year.

### **Attendance**

Attendance in school is mandatory. Should a student need to be absent from school for illness, doctor's appointment, or family emergency, all absences must be cleared by a parent, guardian or doctor writing a note to be hand carried to the school by the student, or parent calling the attendance office at (530) 656-2255. The school will determine if the absence is excused. Short term independent study (5-14 days) are available.

# Academic Advising and Counseling

Our academic planning goal at East Nicolaus High School is to help students plan for their future, whatever path they choose. The education that students receive in our school prepares them for many future opportunities, both in college and career. Therefore, careful planning and thoughtful course selection are critical for students to make the most of their four years at our school. Students are given the opportunity early in the spring semester of each school year to select courses for the following year. The counselor will meet with the students, discussing the course offerings and will allow them to select courses. It is important that the student and student's parent select courses according to both graduation requirements and the student's career objectives. We strive to make sure each student's schedule aligns with their needs.

## Course Selection

It is extremely important that students look over the guidelines below when selecting courses for the following year.

1. Review their transcripts and complete or revise their educational plans. Students must complete all graduation requirements. In addition, they should select courses that support their plans for college and other training.
2. Make certain that they meet the pre-requisites for the courses selected. If a course requires a teacher's permission, they must obtain the proper signature on the course selection form and must follow the application or placement procedures for a designated course.
3. Complete course selections; obtain parent or guardian's signature and submit the selection form on the expected date. The course descriptions contained in this catalog will help students understand what each course will offer and will assist them in making final selections for registration.

## Class Changes

The Learning Center Director will make class changes based on the following reasons:

1. Obvious schedule errors, or;
2. Class at incorrect level, inappropriate placement.

## Class Change Process

ALL class changes must be initiated through the student by completing the schedule change request form including appropriate signatures. ALL CLASS CHANGES MUST BE COMPLETED DURING THE FIRST THREE DAYS OF THE SEMESTER.

# Graduation Requirements

The number of credits earned determines student progress through high school. For each semester (half year) passed, he/she receives five credits for each subject passed. No credits are given for "F" grades or "NM", (no mark). With a seven-period day, it is possible to earn a maximum of 280 credits during the four years he/she is enrolled. Students must meet all minimum graduation requirements within the four years of high school beginning with their freshman year ending with the conclusion of a four-year progress to the completion of their senior year. Students who fail to or who are unable to may be denied the privilege of participating in commencement exercises.

## Requirements:

- Students must have 240 units to graduate
- Eight semesters of high school attendance with good citizenship.
- Requirements for graduation must be met with a score of a “D” or better in all courses.
- Students must pass Integrated Math I.
- Complete a Senior Project
- Agree to and abide by the Senior Attendance and Behavior Contract.

East Nicolaus High School Course Requirements			
Subject	Course Requirements	# of Courses	Credits Required
English	English 9, 10/10(H), 11/11(H), & 12/12(H)	4	40
Social Science	World History/World History (H), U.S. History/US History (H), Government/Government (H), Ag Government (H), Economics, Ag Economics	3	30
Math	Pass Integrated Math 1	3	30
Science	Life, Physical	2	20
21 <sup>st</sup> Century Learning	Grade 9 Course	1	10
Visual and Performing Arts/Foreign Language	See VAPA/Foreign Language.	1	10
Physical Education	Completion of PE 9	2	20
Electives	See Electives	8	80

# A-G Requirements

We know there a number of paths that our Spartans can take when they graduate. If they plan on attending a 4-year college requirements may change. Many courses on campus are A-G approved as college-preparatory classes. Most colleges and universities require these course/credits as a minimum for admission. However, colleges can require more. Please look at the admission and application requirements for the specific school you plan on attending.

A-G Admission Requirements for UC/CSU			
Subject	Requirements	Years	Credits
A-Social Science	World History/World History (H), U.S. History/US History (H), Government/Government (H), Ag Government (H), Economics, Ag Economics	2	20
B-English	English 9, 10/10(H), 11/11(H), & 12/12(H)	4	40
C – Math	Must completed Integrated Math 3 with a “C” or better (3 years required, 4 recommended)	3	30
D-Science	Life, Physical, (2 years required, 3-4 years recommended)	2	20
E – Language Other Than English	Spanish or college courses (2 years required, 3 recommended)	2	20
F- Visual/Performing Art	Draw and Paint, Culinary 2/3, Floral, Ag. Mech. 3, Photography, Yearbook	1	10
G-Electives	Must be College Prep	1+	10+
Minimum GPA	May not have scored a “D” or “F”		

**UNIVERSITY OF CALIFORNIA:** The UC System includes nine four-year universities offering a variety of BA and BS degrees. Master’s and Doctoral postgraduate programs are also available. UC’s mix of academic excellence, research prowess and its commitment to social mobility propel its campuses to the top of many college ranking lists. To qualify for entrance students must have a high school diploma. Students must follow a university preparatory program and must successfully complete 11 courses by the end of junior year listed above with a C or better. Students must have a high school grade point average of a 3.0 or higher to be eligible for the UC System. Note: Entrance GPA and Examination requirements may vary depending on the major area of study and campus selected. See more at: [www.universityofcalifornia.edu](http://www.universityofcalifornia.edu)

**CALIFORNIA STATE UNIVERSITY:** The CSU System includes 23 four-year universities offering a variety of BA and BS degree programs. Master’s degree programs are also available. To qualify of entrance students must have a high school diploma. Students must follow a college/university preparatory program and must

successfully complete the courses listed above with a grade of C or better. Students must have a high school grade point average of 2.0 or higher to be eligible for the CSU system. Those GPA's below 3.0 must score proportionately higher on the ACT or SAT College Entrance Examination. Entrance GPA and requirements may vary depending on major area of study and a campus selected. See more at: [www.calstate.edu](http://www.calstate.edu)

**PRIVATE UNIVERSITIES:** There are many private universities and colleges in California and around the country. Many selective private universities have similar entrance requirements to those of the University of California or California State University systems. Other admissions factors may include courses taken, teacher and counselor recommendations, college prep course grades, personal essays, class rank, Standardized College Admissions Tests (SAT I, SAT II, and/or ACT with Writing). Please consult college catalogs or each school prospective student admissions web site for detailed clarification. See more at: [www.californiacolleges.edu](http://www.californiacolleges.edu)  
[www.aiccu.edu](http://www.aiccu.edu)

**COMMUNITY COLLEGE:** The California Community College system includes 114 campuses which offer AA or AS degrees and certificates as well as training in the many trades and technical fields. Community colleges also provide a two-year college transfer program where the classes taken for credit can be transferred to the University of California or California State University and private universities or colleges. See more at: <http://www.cccco.edu> [www.assist.org](http://www.assist.org) [www.csumentor.edu/General/transerinfo.html](http://www.csumentor.edu/General/transerinfo.html)

**TECHNICAL AND BUSINESS SCHOOLS:** These schools offer certificates for training in a variety of vocational occupations. Most of these schools require a high school diploma or its equivalent. Students who take advantage of high school preparation courses can complete training in a minimum amount of time. Some of these schools are available as close as Sacramento. See more at: [www.rwm.org](http://www.rwm.org)



# NCAA Requirements

Many students at East Nicolaus High School participate in our athletics programs. We understand that the dream for some is to continue to play their chosen sport at a collegiate level. We work with the NCAA to make sure our scholar-athletes are ready for the next step.

## Want to Play College Sports?

“The advantages of competing in college sports are both immediate and lifelong. Participating in college sports provides opportunities to learn, compete and succeed. Student-athletes receive top-notch academic support, quality medical care and regular access to outstanding coaching, facilities and equipment. Student-athletes as a group graduate at higher rates than their peers in the general student body and feel better prepared for life after college.

College-bound student-athletes preparing to enroll in a Division I or II school need to [register with the NCAA Eligibility Center](#) to ensure they have met amateurism standards and are academically prepared for college coursework. International college-bound student-athletes planning to enroll at a Division III school must also receive an amateurism-only certification from the Eligibility Center.”

<https://www.ncaa.org/sports/2021/2/8/student-athletes-future.aspx>

NCAA Criteria			
Subject		# of Courses	Credits Required
English	English 9, 10/10(H), 11/11(H), & 12/12(H)	4	40
Social Science	World History/World History (H), U.S. History/US History (H), Government/Government (H), Ag Government (H), Economics, Ag Economics	2	20
Math	Integrated 1 or Higher	3	30
Science	Life, Physical	2	20
MISC 1	One additional year of Math, ELA, or Science	1	10
MISC 2	Four additional years of English, math, science, social science, world language or non-doctrinal religion/philosophy.	4	40

\*These are Division 1 requirements. If you are planning for D2, D3, or NAIA, these requirement are sufficient.

### In addition, students must:

- Complete 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of the seventh semester.
- Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade.
- Earn a minimum 2.3 core-course GPA.
- Submit your final transcript with proof of graduation to the Eligibility Center.

# Special Programs

## Concurrent College Course

Students at East Nicolaus High School have the ability to courses with many of our community colleges. Many students take advantage of this to enrich their education, start their degree programs, or use these courses to graduate early. Students must first apply at the community college they plan on attending and select courses in that school's course catalog.

In order to have students take concurrent courses:

1. Student must register at the community college they wish to attend.
2. Student must submit high school transcripts
3. Student must speak with the Learning Director and fill out and sign the High School Recommendation form.
4. Student then will submit the form to the appropriate department.
5. When the course is completed, student will send transcripts to the Learning Director to update EN High School transcript.

## Honors Courses

We believe that all students should be provided the opportunity to take honors classes to challenge themselves and expand the education. When a student takes an honors course, an extra grade point is added to the calculation of their GPA. Please see the course list for available honors courses.

## Counseling

Mental health is an important aspect of everyday life and can have the power to affect attendance, grades, and social aspects for a student. We believe counseling services should be available to all students. Services are provided by licensed personnel through the county office. Services could involve class wide lessons, small group counseling, and even individual counseling. Parents and staff may refer students to services at any time. Students may also seek out support and services if the need arises.

# High School Planning

## Four Year Education Plan

Name: \_\_\_\_\_

Career Choice: \_\_\_\_\_ Class of  2024  2025  2026  2027  2028  2029

Pathway:  AG Mech  AG Mech: Heavy Equipment  Agriscience  Ornamental Horticulture  
 Business Mgmt  Food Service & Hospitality

Grade 9	Required Courses	Student courses	Grade		Credit		Career and College Info and Plans
			1st	2nd	1st	2nd	
	English						Career Goal: Supporting Activities: Co-Curricular Activities: CommServe/Inten/Other Additional College Courses: Fall: Spring:
	21st Cent.						
	Math						
	Science						
	PE						
	Fine Art/For. Lang.						
	Elective						
Summer Plans:							Total Credits to date /70

Grade 10	Required Courses	Student courses	Grade		Credit		Career and College Info and Plans
			1st	2nd	1st	2nd	
	English						Career Goal: PSAT: ____/____ ASVAB: ____ Supporting Activities: Co-Curricular Activities: CommServe/Inten/Other Additional College Courses: Fall: Spring:
	World Hist.						
	Math						
	Science						
	PE/WT						
	Fine Art/For. Lang.						
	Elective						
Summer Plans:							Total Credits to date /140

Grade 11	Required Courses	Student courses	Grade		Credit		Career and College Info and Plans
			1st	2nd	1st	2nd	
	English						Career Goal: SAT: ____/____ ASVAB: ____ Supporting Activities: Co-Curricular Activities: CommServe/Inten/Other Additional College Courses: Fall: Spring:
	US History						
	Math						
	Science						
	PE/WT						
	Fine Art/For. Lang.						
	Elective						
Summer Plans:							Total Credits to date /210

Grade 12	Required Courses	Student courses	Grade		Credit		Career and College Info and Plans
			1st	2nd	1st	2nd	
	English						Career Goal: Supporting Activities: Co-Curricular Activities: CommServe/Inten/Other Additional College Courses: Fall: Spring: Colleges Applied to:
	Hist/Govt						
	Math						
	Science						
	PE/WT						
	For. Lang.						
	Elective						
	Other						
Post High School Goals: Career/Military/Community College/4 year college							Total Credits to date /240

# 9<sup>th</sup> Grade Course Selection List

Student Name: \_\_\_\_\_ Student ID # \_\_\_\_\_

Post High School Goal(s) \_\_\_\_\_

**ENGLISH** Graduation & College Requirement: 4 years

- English 9\* (125091)

**MATH** Graduation Requirement: 3 years with the completion of Integrated Math 1

College Requirement: 3 years with completion of Integrated Math 3 and scores of a “C” or better.

*Note: all 9<sup>th</sup> graders will be placed in their math class based on the results of the proficiency exam and teacher recommendations.*

- General Math (145201)       Integrated Math 1\* (145300)       Integrated Math 2\* (145400)

**SCIENCE** Graduation Requirement: Must complete Biology and Chemistry

College Requirement: 2 years, 3-4 recommended

- Biology\* (260306)       Sustainable Agriculture- CTE\* (105630)

**PHYSICAL EDUCATION** Graduation: 2 years with the completion of PE 9

NOTE – All 9<sup>th</sup> graders are required to take PE 9 and pass.

- PE 9       Weight Training

**VISUAL ARTS** Graduation: 1 year of Fine Arts **OR** Foreign Language.

College Requirement: 1 year of Fine Arts **and** 2 Years of Foreign Language

- ROP Product Development-Yearbook \* (125910)       Drawing & Painting 1\* (110630)

- Floral Design\* (811250)       Photography\* (110600)

**FOREIGN LANGUAGE** Graduation: 1 year of Fine Arts **OR** Foreign Language.

College Requirement: 1 year of Fine Arts **and** 2 Years of Foreign Language

- Spanish 1\* (130400)       Spanish 2\* (130410)

# 9<sup>th</sup> Grade Course Selection List

**Electives** Graduation: 9 year-long courses with completion of 21<sup>st</sup> Century Learning

NOTE – All 9<sup>th</sup> graders are required to take 21<sup>st</sup> Century Learning and pass.

- 21<sup>st</sup> Century Learning\* (811237)
- ROP Food Tech 1/Culinary 1\* (290951)
- AG Mechanics 1\* (140560)
- AG Leadership\* (106666)
- Student Leadership\* (265900)
- Learning Center (IEP) (170800)
- Principles of Business Management\* (145260)

\* A-G approved course.

# 10<sup>th</sup> Grade Course Selection List

Student Name: \_\_\_\_\_ Student ID # \_\_\_\_\_

Post High School Goal(s) \_\_\_\_\_

**ENGLISH** Graduation & College Requirement: 4 years

- English 10\* (125091)       English 10 (H)\* (125102)

**MATH** Graduation Requirement: 3 years with the completion of Integrated Math 1  
College Requirement: 3 years with completion of Integrated Math 3 and scores of a “C” or better.

- Integrated Math 1\* (145300)       Integrated Math 2\* (145400)  
 Integrated Math 3\* (145500)       Personal Finance Management\* (145229)

**SCIENCE** Graduation Requirement: Must complete Biology and Chemistry  
College Requirement: 2 years, 3-4 recommended

- Chemistry\* (260308)       Ag. & Soil Chemistry (105631)

**PHYSICAL EDUCATION** Graduation: 2 years with the completion of PE 9

- Physical Education (PE)       Weight Training       Advanced Weights

**SOCIAL SCIENCES-** Graduation: 3 years College Requirement: 2 years

- World History\* (265154)       World History (H)\* (265153)

**FOREIGN LANGUAGE** Graduation: 1 year of Fine Arts OR Foreign Language.  
College Requirement: 1 year of Fine Arts and 2 Years of Foreign Language

- Spanish 1\* (130400)       Spanish 2\* (130410)



# 11<sup>th</sup> Grade Course Selection List

Student Name: \_\_\_\_\_ Student ID # \_\_\_\_\_

Post High School Goal(s) \_\_\_\_\_

## **ENGLISH** Graduation & College Requirement: 4 years

- English 11\* (125112)       English 11 (H)\* (125113)

## **MATH** Graduation Requirement: 3 years with the completion of Integrated Math 1

College Requirement: 3 years with completion of Integrated Math 3 and scores of a “C” or better.

- Integrated Math 1\* (145300)       Integrated Math 2\* (145400)  
 Integrated Math 3\* (145500)       Personal Finance Management\* (145229)  
 Business Finance Math (145261)       Trig/Precal.\* (H) (145240)

## **SCIENCE** Graduation Requirement: Must complete Biology and Chemistry

College Requirement: 2 years, 3-4 recommended

- Anatomy and Physiology (H)\* (260412)       Physics\* (260309) (Note - 2025-26)  
 AG Animal Science (261414)       AG Plant Science\* (261413)

## **PHYSICAL EDUCATION** Graduation: 2 years with the completion of PE 9

- Physical Education (PE)       Weight Training       Advanced Weights

## **SOCIAL SCIENCES-** Graduation: 3 years College Requirement: 2 years

- US History\* (265155)       US History (H)\* (265158)

## **FOREIGN LANGUAGE** Graduation: 1 year of Fine Arts OR Foreign Language.

College Requirement: 1 year of Fine Arts and 2 Years of Foreign Language

- Spanish 1\* (130400)       Spanish 2\* (130410)       Spanish 3\* (130240)



# 11<sup>th</sup> Grade Course Selection List

**VISUAL ARTS** Graduation: 1 year of Fine Arts OR Foreign Language.  
College Requirement: 1 year of Fine Arts and 2 Years of Foreign Language

- ROP Product Development-Yearbook \* (125910)     Photography\* (110600)
- Drawing & Painting 1\* (110630)     Drawing & Painting 2\* (110610)
- Drawing and Painting 3\* (110620)     AG Mechanics 3\* (140562)
- Floral Design\* (811250)     Adv. Floral Design\* (811251)
- Culinary Art 2\* (290952)     Culinary Art 3\* (290953)

**ELECTIVES** Graduation: 9 year-long courses with completion of 21<sup>st</sup> Century Learning

- AG Leadership\* (106666)     Student Leadership\* (265900)
- AG Mechanics 1\* (140560)     AG Mechanics 2\* (140561)
- ROP Food Tech 1/Culinary 1\* (290951)     Learning Center (IEP) (170800)
- AG Power Tech./\*\*\* (140564)     Business Entrepreneurship \* (145262)
- Principles of Business Management\* (145260)     Business Finance Math \* (145261)

\* A-G approved course.

\*\*\*Ag Power Tech requires an application and approval from the instructor.

# 12<sup>th</sup> Grade Course Selection List

Student Name: \_\_\_\_\_ Student ID # \_\_\_\_\_

Post High School Goal(s) \_\_\_\_\_

**ENGLISH** Graduation & College Requirement: 4 years

- English 12\* (125120)       English 12 (H)\* (125121)

**MATH** Graduation Requirement: 3 years with the completion of Integrated Math 1

College Requirement: 3 years with completion of Integrated Math 3 and scores of a “C” or better.

- Integrated Math 1\* (145300)       Integrated Math 2\* (145400)  
 Integrated Math 3\* (145500)       Personal Finance Management\* (145229)  
 Business Finance Math (145261)       Trig/Precal.\* (H) (145240)

**SCIENCE** Graduation Requirement: Must complete Biology and Chemistry

College Requirement: 2 years, 3-4 recommended

- Anatomy and Physiology (H)\* (260412)       Physics\* (260309) (Note – 2025-26)  
 AG Animal Science (261414)       AG Plant Science\* (261413)

**PHYSICAL EDUCATION** Graduation: 2 years with the completion of PE 9

- Physical Education (PE)       Weight Training       Advanced Weights

**SOCIAL SCIENCES-** Graduation: 3 years    College Requirement: 2 years

- AG Govt.\* (265601)       Am. Govt.\* (265156)       Am. Govt. (H)\* (265500)  
 AG Econ. (265600)       Econ.\* (265157)

**FOREIGN LANGUAGE** Graduation: 1 YEAR OF Fine Arts or Foreign Language.

College Requirement: 1 year of Fine Arts and 2 Years of Foreign Language

- Spanish 1\* (130400)       Spanish 2\* (130410)       Spanish 3\* (130240)  
 Spanish 4 (H)\* (130430)

# 12<sup>th</sup> Grade Course Selection List

**VISUAL ARTS** Graduation: 1 YEAR OF Fine Arts or Foreign Language.  
College Requirement: 1 year of Fine Arts and 2 Years of Foreign Language

- ROP Product Development-Yearbook \* (125910)
- Photography\* (110600)
- Drawing & Painting 1\* (110630)
- Drawing & Painting 2\* (110610)
- Drawing and Painting 3\* (110620)
- Drawing & Painting 4 (H)\* (116022)
- Floral Design\* (811250)
- Adv. Floral Design\* (811251)
- Culinary Art 2\* (290952)
- Culinary Art 3\* (290953)
- AG Mechanics 3\* (140562)

**ELECTIVES** Graduation: 9 year-long courses with completion of 21<sup>st</sup> Century Learning

- AG Leadership\* (106666)
- Student Leadership\* (265900)
- AG Mechanics 1\* (140560)
- AG Mechanics 2\* (140561)
- ROP Food Tech 1/Culinary 1\* (290951)
- Learning Center (IEP) (170800)
- AG Power Tech.\* (140564)
- Business Entrepreneurship \* (145262)
- Principles of Business Management\* (145260)
- Business Finance Math \* (145261)
- Office Aide \*\* (1190850)
- Teacher's Aide \*\* (191919)
- Service Project –NC, enrolled in college courses (811163)
- Work Experience – must have a job (9999)

\*\* Teacher/Office Signature for TA/Office Aide \_\_\_\_\_

\* A-G approved course.

\*\*\*Ag Power Tech requires an application and approval from the instructor.

# Course List

## **Agriculture**

Sustainable AG Biology (9)  
AG Soil Chemistry (10)  
AG Animal Science (11-12)  
AG Plant Science (11-12)  
Agricultural Leadership (9-12)  
ROP Floral Design (9-12)  
Adv. Floral Design (10-12)  
AG Mechanics I (9-12)  
AG Mechanics II (10-12)  
AG Mechanics III (11-12)  
AG Power Tools (11-12)  
AG Government (H)/Economics (12)

## **Business and Finance**

Intro to Business Management (9-12)  
Business Finance Math (11-12)  
Business Entrepreneurship (11-12)

## **English**

English 9  
English 10  
English 10 (H)  
English 11  
English 11(H)  
English 12  
English 12 (H)

## **Fine Arts (Visual & Performing)**

Drawing and Painting I (9-12)  
Drawing and Painting II (10-12)  
Drawing and Painting III (11-12)  
Drawing and Painting IV (H) (12)  
Photography (9-12)  
ROP Product Development (9-12)  
Culinary 2 (10-12)  
Culinary 3 (11-12)  
AG Mechanics III (11-12)  
Floral Design (9-12)  
Adv. Floral Design (10-12)  
Media Journalism (9-12)\*New in 2024-25

## **Foreign Language**

German I-II \*(9-12)  
Spanish I (9-12)  
Spanish II (10-12)  
Spanish III (11-12)  
Spanish IV (H) (12)

## **Mathematics**

General Math (9)  
Integrated Math I (9-12)  
Integrated Math II (10-12)  
Integrated Math III (11-12)  
Trig/Pre. Calculus (H) (12)  
Personal Finance (10-12)  
Business Math (11-12)

## **Physical Education**

PE 9 (9)  
Physical Education (10-12)  
Weights (9-12)  
Adv. Weights (10-12)

## **Science**

Biology (9)  
Sustainable AG Biology (9)  
Chemistry (10)  
AG Soil Chemistry (10)  
Anatomy and Physiology (11-12)  
Physics (11-12)  
AG Animal Science (11-12)  
AG Plant Science (11-12)

## **Social Science**

World History (10)  
World History (H) (10)  
U.S. History (11)  
U.S. History (H) (11)  
American Government (12)  
AG Government (H) (12)  
American Government (H) (12)  
Economics (12)  
AG Economics (12)

## **Non Departmental Classes**

21<sup>st</sup> Century Learning (9)  
Culinary 1 (9-12)  
Student Leadership (9-12)  
Learning Center (9-12)  
ELD (9-12)  
Office Aide (12)  
Teacher's Aide (12)  
Service Learning Project (12)  
Work Experience (12)

# Course Description - Agriculture

All agriculture courses at East Nicolaus High School require three components: classroom instruction, participation in FFA activities, and participation (completion) in a Supervised Agriculture Experience (project).

## **Sustainable (AG) Biology**

Grade Level: 9

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Science

CSU/UC: Science (D)

Grading Scale: 4.0

Description: This course will focus on Biology with a sustainable agricultural approach. Sustainability is based on a simple principle: Everything that we need for our survival and well-being depends, either directly or indirectly, on our environment. Sustainability creates and maintains the conditions under which humans and the biotic world can exist in productive harmony, that permit fulfilling the social, economic and other requirements of present and future generations. Sustainability is important to making sure that we have and will continue to have, the water, materials, and resources to protect human health and our environment. Throughout the course, students are graded on participation in extracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program.

## **Agricultural Soil Chemistry**

Grade Level: 10

Credits: 10.0 (Full year)

Pre-Requisites: Biology or Sustainable (AG) Biology with a "D" or better, passed or enrolled concurrently in Int. I.

Graduation Requirement: Science

CSU/UC: Science (D)

Grading Scale: 4.0

Description: This course is developed to approach chemistry with an agricultural methodology. This course explores the physical and chemical nature of soil as well as the relationships between soil, plants, animals and agricultural practices. Students examine properties of soil and land and their connections to plant and animal production. Students develop and present a capstone soil management plan for agricultural producers, demonstrating their knowledge of the soil chemistry content learned throughout the course. Throughout the course, students are graded on participation in extracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program.

## **Agricultural Animal Science**

Grade Level: 11-12

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Science

CSU/UC: Science (D)

Grading Scale: 4.0

Description: This course will provide the student with principles in Animal Sciences along with Anatomy and Physiology focusing on the areas of mammalian production, anatomy, physiology, reproduction, nutrition, respiration, and genetics. This course is intended to successfully prepare students for entry level employment after high school, as well as those students who plan on majoring in Agricultural Sciences at a post-secondary institution. Throughout the course, students are graded on participation in extracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program.

## **Agricultural Plant and Soil Science**

Grade Level: 11-12

Credits 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Science

CSU/UC: Science (D)

Grading Scale: 4.0

Description: This course is designed to provide the student with theories and principles of Agriculture and Plant & Soil Science through "hands on" learning. Utilizing our greenhouse and school garden we are able to expand learning beyond the traditional classroom and textbook and spend much more time learning biology concepts through experiential laboratory lessons. Students will become proficient in academic foundation standards, agriculture career standards (including CDE Agriculture and Natural Resource standards and Plant and Soil Science standards) and biology standards. Laboratory investigations/experimentation, reports and data are held to rigorous standards and follow the principles of the Scientific Method. Investigations/Experiments are designed to address key concepts as well as industry standards when possible so that students are more prepared for higher education and careers in Agriculture and the Plant & Soil Science industry.

## **Agriculture Leadership (Repeatable for Credit)**

Grade Level: 9-12

Credits 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Elective

CSU/UC: Elective (G)

Grading Scale: 4.0

Description: This agriculture course is designed to specifically train students as team leaders for the job site. Students will learn how to manage capital, labor, and resources to accomplish specific tasks. Computers and other technologies will be used to augment their leadership challenges. Emphasis will be placed on accomplishing assigned tasks by using advanced communication skills, interaction with the community and working with different people. FFA is an integral part of the class. Students will be required to keep record books and participate in FFA activities. Prerequisite: Chapter officer, teacher recommendation, or approval.

## **ROP Floral Design (Ornamental Horticulture)**

Grade Level: 9-12

Credits 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Fine Art

CSU/UC: Fine Art (F)

Grading Scale: 4.0

Description: This class will deal with the propagation and growth of ornamental plants and the operation of a horticulture business. Emphasis will be on the role of higher plants in the living world, structure of higher plants, naming and classifying plants, propagation of plants, photosynthesis, respiration and translocation, soil and water, climatic influence on crop production, and biological competitors (weeds). Students will be able to identify color structure and create floral arrangements based on different elements taught. Class time will be spent in a standard classroom setting, within the greenhouse, and outside labs. FFA participation and completion of record books are an integral part of this class.

## **Advanced Floral Design**

Grade Level: 10-12

Credits 10.0 (Full year)

Pre-Requisites: Floral Design

Graduation Requirement: Fine Art

CSU/UC: Elective (G)

Grading Scale: 4.0

Description: The advanced floral design class is designed to give floral students the advanced techniques they need to perform in the floral industry. Students will explore the floriculture industry on a more technical and advanced level including the proper care and handling of flowers, plants, and foliage; construct arrangements for all occasions; display, price, and market floral designs; and preserve floral materials all while students run their own real world floral shop. Upon completion of this class, students will be prepared to obtain a job in the floral industry. Students will master the art of corsage cut flower arranging in both 2 dimensional and 3 dimensional forms and will learn and detain the requirements of owning and operating a floral business. Classes will arrange and sell creations through pre sold orders to fully submerge themselves in business situations and work environment. Marketing and pricing strategies will be covered in order to enhance the floral business experience. Workplace skills and ethics will be covered in great detail and work safety habits certificated. In this course, students are encouraged to develop their leadership abilities through active participation in the East Nicolaus High FFA. Students also gain valuable career skills by having an SAE project that provides Supervised Agricultural Experiences outside of the classroom and includes instruction of record-keeping skills. These two intra-curricular components enhance student performance and serve as the foundation for hands-on learning.

## **AG Mechanics I**

Grade Level: 9-12

Credits 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Elective

CSU/UC: Elective (G)

Grading Scale: 4.0

Description: Basic Agricultural Mechanics is an introductory course that explores a wide variety of mechanical processes. Students will learn and use scientific and mathematical applications through relevant mechanical topics. In addition, students will complete numerous lab-based and project-based activities that will give students the opportunity to develop an understanding of the scientific process and increase hand-eye coordination and motor skills. Areas of study in this course include careers in agriculture mechanics, mechanical safety and hazards, hand and power tools. Topic clusters in this course include electricity, small engines, welding and metal work, wood construction, and mechanical technology.

## **AG Mechanics II**

Grade Level: 10-12

Credits 10.0 (Full year)

Pre-Requisites: AG Mechanics I

Graduation Requirement: Elective

CSU/UC: Elective (G)

Grading Scale: 4.0

Description: Agricultural Mechanics Woods and Welding II course continue to explore a wide variety of mechanical processes. Students will use scientific and mathematical applications through relevant mechanical topics. Students will complete numerous lab-based and project-based activities. Areas of study in this course include careers in agriculture mechanics, mechanical safety and hazards, hand and power tools. Topic clusters in this course include electricity, small engines, welding and metal work, wood construction, and mechanical technology.

## **Advanced Agriculture Mechanics and Design/AG Mechanics III**

Grade Level: 11-12

Credits 10.0(Full year)

Pre-Requisites: AG Mechanics II

Graduation Requirement: Fine Arts

CSU/UC: Fine Arts (F)

Grading Scale: 4.0

Description: Agricultural Mechanics Woods and Welding III course is the capstone course to this pathway. This course continues to explore a wide variety of mechanical processes. Students will use their advanced knowledge from the first course and second course to complete numerous lab-based and project-based activities.

Areas of study in this course include careers in agriculture mechanics, mechanical safety and hazards, hand and power tools. Topic clusters in this course include electricity, small engines, welding and metal work, wood construction, and mechanical technology.

## **Agricultural Power Technology**

Grade Level: 11-12

Credits 10.0 (Full year)

Pre-Requisites: AG Mechanics II/III, Instructor Approval, Application

Graduation Requirement: Elective

CSU/UC: Elective (G)

Grading Scale: 4.0

Description: Agricultural Power Technology is an applied course in agricultural mechanics with special emphasis on laboratory activities involving tractors and agricultural equipment. The standards in this course address navigation, maintenance, repair, and overhaul of electrical motors, hydraulic systems, and diesel-powered engines as well as exploration of a wide range of careers in agricultural mechanics. Upon completion of this course, proficient students will be able to pursue advanced training in agricultural mechanics. The course instruction integrates the FFA's Farm Power and Machinery Career Development Event competition. Throughout the course, students will be graded on participation in intra-curricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. Students will also develop and maintain a professional portfolio throughout the course.

## **Honors Agriculture Government**

Grade Level: 12

Credits 5.0 (Fall)

Pre-Requisites: None

Graduation Requirement: History/Social Science

CSU/UC: History/Social Science (A)

Grading Scale: 5.0

Description: This fourth year course is designed for Agriculture Science Students that want to complete the Agriculture Science Pathway. Agriculture Government fits both into the Social Sciences Department and the Agriculture Department by offering an additional course that meets the requirements of the state Social Science Standards, as well as the Agricultural Career Pathway, which will prepare students for higher education in the agricultural industry. This course will analyze and evaluate the key facets of the American Government through an agricultural lens by looking into the structure and function of our government and their influence on agricultural issues and industries.

## **Agriculture Economics**

Grade Level: 12

Credits 5.0 (Spring)

Pre-Requisites: None

Graduation Requirement: History/Social Science

CSU/UC: Elective (G)

Grading Scale: 4.0

Description: This course is designed for advanced study of agriculture business opportunities and economics for students with an interest in US agriculture by incorporating the US and international agriculture industry into the principles and developing changes of economics, their role in political, cultural, and social spheres, business management, industry employability, and marketability of agricultural products in local, national, and international markets. This course will help students understand and apply basic economic principles as they relate to our nation's largest industry-agriculture and individual consumers, production agriculture, and agribusiness management. As the building blocks of individual societies require different programs, it is vital to evaluate the defining features of different political systems and their continuous cultural and social roles. This course will help students understand and apply basic economic principles as they relate to individual consumers, production agriculture, and agribusiness management. Students will also examine how different societies obtain, produce, and distribute their resources and services and analyze the impact of environmental and geographical change on societies. Life skills such as resumes, job applications, interview skills, accounting, and college and scholarship applications will be included.



# Course Description – Business and Finance

## **Introduction to Business Management**

Grade Level: 9-12

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Elective

CSU/UC: Elective (G)

Grading Scale: 4.0

Description: Introduces students to the concepts, techniques and requirements for establishing a business. Students will explore the roles that marketing, accounting, law and finance play in starting and running a business. This course will provide students the skills needed to effectively organize, develop, create and manage a business. Students will learn the significance of math, reading, writing and communicating to their future within the framework of operating a small business. They will understand how the market economy and ownership leads to wealth creation. Students will learn not only the skills necessary to become a successful business person but also the attitudes, characteristic, and techniques need to succeed. They will learn to save and make future investments in order to meet their financial goals in life. Students will build analytical skills through solving complex problems and making sound decisions in order to produce a viable business. Emphasis is placed on the functions of business management: organization, management, finance, marketing, information technology, product/service management, distribution, promotion and selling. Additional topics to be addressed are the assessment of personal skills, the components of the free enterprise system and its place in our global economy, human relations and interpersonal skills, the importance of business ethics and the role quality and service play in business.

## **Business Finance Math**

Grade Level: 11-12

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Math

CSU/UC: Elective (G)

Grading Scale: 4.0

Description: Personal Finance and Business is a year-long course which cultivates decision making skills, examines real world financial issues and helps students develop good habits they will use in their daily lives. Students will investigate career choices and build budgets appropriate to that income base as well as analyze their personal finance

and money management relative to higher education and its costs. Students will research banking, buying cars and homes, renting, taxes and investing their money, as well as entrepreneurship. Students will also develop an understanding of business, finance, management and marketing while applying the mathematical knowledge necessary for success in those fields. Technology will be used as a tool to facilitate these investigations and to complete most projects. Projects will involve research, reading, writing reports and oral presentations. In addition to projects, the students will use math skills to investigate real world problems and practice math skills that will be used in their daily lives based on Common Core standards. Assessments will be in the form of performance tasks, quizzes, chapter and unit tests, and a final exam. Students will develop a deep understanding of the expectations and situations they will face as productive young adults.

## **Business Entrepreneurship**

Grade Level: 11-12

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Elective

CSU/UC: Elective (G)

Grading Scale: 4.0

Description: Business Entrepreneurship is a project-based course where students analyze and develop small businesses. Students will focus on four goals. They will learn the significance of math, reading, writing, and communicating to their future within the framework of starting and operating a small business. Students will understand how the market economy and ownership leads to wealth creation. Students learn not only the skills necessary to become entrepreneurs but also the attitudes, characteristic, and techniques in successful entrepreneurs that they will need to succeed. Students will learn to build analytical skills through solving complex problems and making sound decisions in order to produce a viable business. Through the study of entrepreneurship, students will learn the importance of the role of entrepreneurship in the market economy, opportunity recognition, communicate in business, ethical business behavior, social responsibility, competitive advantage and sustainability, market research and cost/benefit analysis, advertise and market products, business financial including pricing, operating costs and projections. As students create their business plan, they will integrate academic knowledge to their own ventures, thus putting theory into practice.

## English 9

Grade Level: 9

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: English

CSU/UC: English (B)

Grading Scale: 4.0

Description: English 9 is designed to provide students with high-level academic experiences in writing, collaborative learning, listening, and speaking. The class is literature driven, following the State Framework with exposure to classical literature as a foundation to enhance skills in writing, spelling, grammar, and following directions. Emphasis is placed on group interaction and acceptable social strategies. There is 15 comprehensive study of vocabulary, much of which is designed to enhance precise word choice in writing. Emphasis is placed on self-evaluation, peer assessment, and oral participation.

## English 10

Grade Level: 10

Credits; 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: English

CSU/UC: English (B)

Grading Scale: 4.0

Description: English 10 is aligned to the California Common Core and builds upon skills learned in English 9, reinforcing key concepts and further delving into a more thorough understanding and analysis of literary devices and literary works. Critical thinking is a key component, found in such activities as in-class novel analysis, poetry, plays, short stories, vocabulary development, grammar, and essay structuring and contextualizing

## English 10 Honors

Grade Level: 10

Credits: 10.0 (Full year)

Pre-Requisites: Teacher Approval

Graduation Requirement: English

CSU/UC: English (B)

Grading Scale: 5.0

Description English 10 is aligned to the California Common Core and builds upon skills learned in English 9, reinforcing key concepts and further delving into a more thorough understanding and analysis of literary devices and literary works. Critical thinking is a key component, found in such activities as in-class novel analysis, poetry, plays, short stories, vocabulary development, grammar, and essay structuring and contextualizing **Honors Sections: This course is also available for accelerated students. Permission of the instructor is required for this class, plus each student must fulfill the challenging requirements.**

## English 11

Grade Level: 11

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: English

CSU/UC: English (B)

Grading Scale: 4.0

Description: English 11 is a one-year required junior class. This course will enable student to continue developing their abilities in the skills of English. The emphasis for this course is on writing, extensive reading from all genres by American authors, and oral communication. This class follows the California State Framework for 11<sup>th</sup> grade Language Arts. A student taking this class will have opportunities to learn new vocabulary and apply the conventions of grammar in written and oral expression. Skills and concepts are taught in an integrated way to be mutually reinforcing. Emphasis is placed on self-evaluation, peer assessment, and oral participation. This class will use a variety of texts.

## English 11 Honors

Grade Level: 11

Credits: 10.0 (Full year)

Pre-Requisites: Teacher Approval

Graduation Requirement: English

CSU/UC: English (B)

Grading Scale: 5.0

Description: English 11 is a one-year required junior class. This course will enable student to continue developing their abilities in the skills of English. The emphasis for this course is on writing, extensive reading from all genres by American authors, and oral communication. This class follows the California State Framework for 11<sup>th</sup> grade Language Arts. A student taking this class will have opportunities to learn new vocabulary and apply the conventions of grammar in written and oral expression. Skills and concepts are taught in an integrated way to be mutually reinforcing. Emphasis is placed on self-evaluation, peer assessment, and oral participation. This class will use a variety of texts. **Honors Sections: This course is also available for accelerated students. Permission of the instructor is required for this class, plus each student must fulfill the challenging requirements.**

## English 12

Grade Level: 12

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: English

CSU/UC: English (B)

Grading Scale: 4.0

Description: English 12 is a one-year required senior class. This course will enable students to continue developing their abilities in the skills of English. The emphasis for this course is on writing, extensive reading, and oral communication from all genres of British and World

Literature. This class requires several essays in addition to other writing (Poetry, expository, narrative), and follows the California State framework for 12<sup>th</sup> grade Language Arts. A student taking this class will have opportunities to review vocabulary and apply the convention of grammar in written and oral expression. A district approved anthology of British and World Literature, various novels, and essays will serve as the core for this class, thus providing each student with a cultural and historical foundation. Skills and concepts are taught in an integrated way to be mutually reinforcing. **Seniors will be required to complete a Senior Project.**

## English 12 Honors

Grade Level: 12

Credits: 10.0 (Full year)

Pre-Requisites: Teacher Approval

Graduation Requirement: English

CSU/UC: English (B)

Grading Scale: 5.0

Description: English 12 is a one-year required senior class. This course will enable students to continue developing their abilities in the skills of English. The emphasis for this course is on writing, extensive reading, and oral communication from all genres of British and World Literature. This class requires several essays in addition to other writing (Poetry, expository, narrative), and follows the California State framework for 12<sup>th</sup> grade Language Arts. A student taking this class will have opportunities to review vocabulary and apply the convention of grammar in written and oral expression. A district approved anthology of British and World Literature, various novels, and essays will serve as the core for this class, thus providing each student with a cultural and historical foundation. Skills and concepts are taught in an integrated way to be mutually reinforcing. **Seniors will be required to complete a Senior Project. Honors Sections: This course is also available for accelerated students. Permission of the instructor is required for this class, plus each student must fulfill the challenging requirements.**

# Course Description – Fine Arts (Visual and Performing)

## Drawing and Painting I

Grade Level: 9-12

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Fine Arts

CSU/UC: Fine Arts (F)

Grading Scale: 4.0

Description: The Drawing and Painting class is a one-year course based on the learning, development, and application of basic design and composition principles. These principles will be introduced, explored, and integrated through a variety of drawing and painting techniques to produce finished art projects. Emphasis is placed on the students' development of observation skills and enhancing his own uniqueness in artistic expression. Technology support is available. Infusion of art history inspires a number of projects. Large group critiquing is introduced. Professional artists' profiles are included. Students prepare a personal portfolio.

## Drawing and Painting II

Grade Level: 10-12

Credits: 10.0 (Full year)

Pre-Requisites: Drawing and Painting I

Graduation Requirement: Fine Arts

CSU/UC: Fine Arts (F)

Grading Scale: 4.0

Description: Students may enroll only with teacher permission and are expected to be self-directed and highly motivated. All work is created by submitting written project proposals and followed by written self-assessments. A personal portfolio is required. All Standards, Goals, and Objectives of Drawing and Painting I apply.

## Drawing and Painting III

Grade Level: 11-12

Credits: 10.0 (Full year)

Pre-Requisites: Drawing and Painting II

Graduation Requirement: Fine Arts

CSU/UC: Fine Arts (F)

Grading Scale: 4.0

Description: Students may enroll only with teacher permission and are expected to be self-directed and highly motivated. All work is created by submitting written project proposals and followed by written self-assessments. A personal portfolio is required. All Standards, Goals, and Objectives of Drawing and Painting I apply.

## Drawing and Painting IV Honors

Grade Level: 12

Credits: 10.0 (Full year)

Pre-Requisites: Drawing and Painting III, Teacher Approval

Graduation Requirement: Fine Arts

CSU/UC: Fine Arts (F)

Grading Scale: 5.0

Description: Honors Drawing and Painting is intended for students who have completed the prerequisites and want a challenge above the expectations of Drawing and Painting 4-5. This course is designed to meet the needs of the developing young artist who is concerned with creating an individual voice in their chosen medium through the creation of an independently-produced portfolio. This course is especially suited for students wishing to pursue AP Studio Art Drawing or 2d Design, as works from this course may be used as part of a future AP Studio portfolio. Honors Drawing and Painting should be taken by students with a strong motivation and interest in drawing and painting. **\*Honors Sections: This course is also available for accelerated students. Permission of the instructor is required for this class, plus each student must fulfill the challenging requirements.**

## Photography

Grade Level: 9-12

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Fine Arts

CSU/UC: Fine Arts (F)

Grading Scale: 4.0

Description: This project-based course is designed to engage a range of students from the photo newbie to the emerging intermediate in the exciting world of digital photography. The first semester will focus on familiarizing students with the tools related to digital photography including the camera, its functions, its accessories and the leading professional photo software, Adobe Photoshop. Students will keep web-based annotated pictorial journals to record their practical development in the use of basic photo elements such as: light, time, color, contrast, tone, and composition. During the second semester students will build web-based portfolios of their work to exhibit a series of assignments that will run the gamut of photographic studies from portrait, still life and landscape to advertising, journalism, event, and art photography. Using photographic masterpieces as models for their own work, students will gain a historical context for and an appreciation of photography as an art form.

## **Media Journalism**

Grade Level: 9-12

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Fine Arts

CSU/UC: Fine Arts (F)

Grading Scale: 4.0

Description: Students will explore the role of visual art and design through the publication of a yearbook, production of weekly broadcasts, and maintenance of the school's social media platforms. Students will use a variety of media and design-industry software to gain skills in page design, advanced publishing techniques, copywriting, editing, photography, and videography while producing a creative, innovative yearbook that records school memories and events. Participants gain real-world skills in time management, marketing, teamwork, and design principles. Additionally, students will develop communication skills as they work with various parts of the school community to ensure that all voices are represented in the school media.

## **Culinary Arts II**

Grade Level: 10-12

Credits: 10.0 (Full year)

Pre-Requisites: Culinary I

Graduation Requirement: Fine Arts

CSU/UC: Fine Arts (F)

Grading Scale: 4.0

Description: Culinary II provides students an opportunity to interact with industry partners and experts via guest presentations and/or visiting local industries in support of the goals and objectives of the program. Students will participate by completing a variety of advanced level tasks and longer projects that serve to assist them in demonstrating competency in all phases of food service and food production. They will apply their knowledge of the art of food preparation to more advanced projects. Students will also participate in a variety of hands-on labs that require them to effectively demonstrate key aspects of the industry standards including principles of sanitation and safe food handling; food service and hospitality management; systems of operation and the importance of maintaining facilities, equipment, tools, and supplies; all phases of food preparation in a professional setting; baking, pastry, and dessert preparation; knowledge and skills of effective customer service; the role of management in meeting employee and customer needs; nutritional concepts in meal planning and food preparation; and cost and cost analysis in food and beverage production and service.

## **Culinary Arts III**

Grade Level: 11-12

Credits: 10.0 (Full year)

Pre-Requisites: Culinary II

Graduation Requirement: Fine Arts

CSU/UC: Fine Arts (F)

Grading Scale: 4.0

Description: Students will practice advanced baking skills while learning about entrepreneurship and event planning. Each unit will incorporate topics around the themes of sustainability in hospitality, and the importance of visual arts and graphic impact in the Culinary setting. During the course, students will learn how to produce pastries and desserts, run a small business model, and organize events. Students will also learn how to produce photography with lighting, composition, framing, and exposure techniques to market and promote their food and their events. Both photographs and food samples will be presented to the class for peer evaluation and positive feedback. As the year progresses, students will begin to develop their creative voice and gain an appreciation for the aesthetic value in marketing food and hospitality experiences. Since this is the capstone course in the SB Unified Culinary Arts Pathway, the course will also provide students with the opportunity to craft their Culinary Resume and put together a portfolio of all of their culinary career readiness experiences and job skills which they have developed throughout the Pathway.

## **AG Mechanics III**

Grade Level: 11-12

Credits: 10.0 (Full year)

Pre-Requisites: AG Mechanics II

Graduation Requirement: Fine Arts

CSU/UC: Fine Arts (F)

Grading Scale: 4.0

Description: Agricultural Mechanics Woods and Welding III course is the capstone course to this pathway. This course continues to explore a wide variety of mechanical processes. Students will use their advanced knowledge from the first course and second course to complete numerous lab-based and project-based activities. Areas of study in this course include careers in agriculture mechanics, mechanical safety and hazards, hand and power tools. Topic clusters in this course include electricity, small engines, welding and metal work, wood construction, and mechanical technology.

## **ROP Floral Design (Ornamental Horticulture)**

Grade Level: 9-12

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Fine Arts

CSU/UC: Fine Arts (F)

Grading Scale: 4.0

Description: This class will deal with the propagation and growth of ornamental plants and the operation of a horticulture business. Emphasis will be on the role of higher plants in the living world, structure of higher plants, naming and classifying plants, propagation of plants, photosynthesis, respiration and translocation, soil and water, climatic influence on crop production, and biological competitors (weeds). Students will be able to identify color structure and create floral arrangements based on different elements taught. Class time will be spent in a standard classroom setting, within the greenhouse, and outside labs. FFA participation and completion of record books are an integral part of this class.

## **Advanced Floral Design (Ornamental Horticulture)**

Grade Level: 10-12

Credits: 10.0 (Full year)

Pre-Requisites: ROP Floral Design

Graduation Requirement: Fine Arts

CSU/UC: Elective (G)

Grading Scale: 4.0

Description: The advanced floral design class is designed to give floral students the advanced techniques they need to perform in the floral industry. Students will explore the floriculture industry on a more technical and advanced level including the proper care and handling of flowers, plants, and foliage; construct arrangements for all occasions; display, price, and market floral designs; and preserve floral materials all while students run their own real world floral shop. Upon completion of this class, students will be prepared to obtain a job in the floral industry. Students will master the art of corsage cut flower arranging in both 2 dimensional and 3 dimensional forms and will learn and detain the requirements of owning and operating a floral business. Classes will arrange and sell creations through pre sold orders to fully submerge themselves in business situations and work environment. Marketing and pricing strategies will be covered in order to enhance the floral business experience. Workplace skills and ethics will be covered in great detail and work safety habits certificated. In this course, students are encouraged to develop their leadership abilities through active participation in the East Nicolaus High FFA. Students also gain valuable career skills by having an SAE project that provides Supervised Agricultural Experiences outside of the classroom and includes instruction of record-keeping skills. These two intra-curricular components enhance student performance and serve as the foundation for hands-on learning.

## German I

Grade Level: 9-12

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Foreign Language

CSU/UC: Foreign Language (E)

Grading Scale: 4.0

Description: This course explores the German language and culture through listening, speaking, reading, writing, and cultural awareness. This class will focus on basic vocabulary, emphasizing understanding and use of the language in everyday situations. German students learn beginning grammar concepts such as present tense, formulating questions, genders, negation, imperative, and word order. Music and other regalia further enhance the curriculum for a fun and academic experience. ***\*This class is only offered online, outside of the regular school day. It is completely independent.***

## German II

Grade Level: 9-12

Credits: 10.0 (Full year)

Pre-Requisites: German I

Graduation Requirement: Foreign Language

CSU/UC: Foreign Language (E)

Grading Scale: 4.0

Description: This course builds upon the language and culture learned in German I. Students expand their knowledge of grammar and sentence structure, learning more complex linguistic skills and conversational past tense. ***\*This class is only offered online, outside of the regular school day. It is completely independent.***

## Spanish I

Grade Level: 9-12

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Foreign Language

CSU/UC: Foreign Language (E)

Grading Scale: 4.0

Description: In this beginning course, students start to develop an understanding of the Spanish Language with a focus on listening and speaking skills, beginning to read and write. Students will explore the cultures of Spanish speaking countries their geography, history, traditions, arts, and cuisines.

## Spanish II

Grade Level: 10-12

Credits: 10.0 (Full year)

Pre-Requisites: Grade C- or better in Spanish or by instructor approval.

Graduation Requirement: Foreign Language

CSU/UC: Foreign Language (E)

Grading Scale: 4.0

Description: Students in level 2 will focus on communicating detailed information about self, daily life, community, family and friends. They will express opinions about familiar topics and build the vocabulary and grammar skills necessary for communication. Students will continue culture studies begun in Spanish 1.

## Spanish III

Grade Level: 11-12

Credits: 10.0 (Full year)

Pre-Requisites: Grade C or better in Spanish II or by instructor approval.

Graduation Requirement: Foreign Language

CSU/UC: Foreign Language (E)

Grading Scale: 4.0

Description: Students in level 3 will learn to discuss and develop arguments about topics related to their lives and the world around them. They will build the vocabulary and grammar skills necessary for complex communication. Students will continue the culture studies developed in Spanish 2. Prerequisite: Grade C or better in Spanish or by instructor approval.

## Spanish IV (H)

Grade Level: 12

Credits: 10.0 (Full year)

Pre-Requisites: Grade C- or better in Spanish III or by instructor approval

Graduation Requirement: Foreign Language

CSU/UC: Foreign Language (E)

Grading Scale: 5.0

Description: Students in level 4 will continue to use the knowledge and concepts used in courses 1-3. This course provides a survey of Spanish history and culture and familiarizes students with works of major writers and topics in Hispanic culture. Students further develop their auditory, speaking, reading and writing skills. **\*Honors Sections: This course is also available for accelerated students. Permission of the instructor is required for this class, plus each student must fulfill the challenging requirements.**

# Course Description – Mathematics

## **General Math**

Grade Level: 9-12

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Math

CSU/UC: Not Applicable

Grading Scale: 4.0

Description: General math is designed to practice and strengthen math concepts that are needed to be successful in Integrated Math 1, as well applying math to real world situations with hands on applications. In the first semester students will use math in hands on applications to invoke interest in applicable real world math situations, such as designing and building, beginning personal finance, as well as using conversions and ratios in mixtures. The second semester will start to focus more on concepts, functions, linear relationships, and skills to prepare for Integrated Math 1.

## **Integrated Math I**

Grade Level: 9-12

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Math

CSU/UC: Math (C)

Grading Scale: 4.0

Description: This is the first course in the CPM Integrated Math series. The students will learn the language of algebra and study the assumptions of the real number system. Students will perform the basic operations with real numbers, monomials, polynomials, and fractions. Students will learn to solve quadratic equations. Students will learn how to graph many types of functions on a real plane and use mathematical equations to solve real life situations.

## **Integrated Math II**

Grade Level: 10-12

Credits: 10.0 (Full year)

Pre-Requisites: Integrated Math 1 with a C- or better

Graduation Requirement: Math

CSU/UC: Math (C)

Grading Scale: 4.0

Description: This is the second course in the CPM Integrated Math series. The focus of Mathematics II is on quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Mathematics I. The need for extending the set of rational numbers arises and real and complex numbers are introduced so that all quadratic equations can be solved. The link between probability and

data is explored through conditional probability and counting methods, including their use in making and evaluating decisions. The study of similarity leads to an understanding of right triangle trigonometry and connects to quadratics through Pythagorean relationships and circles, with their quadratic algebraic representations, round out the course. The Mathematical Practice Standards apply throughout each course and, together with the content standards, prescribe that students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

## **Integrated Math III**

Grade Level: 11-12

Credits: 10.0 (Full year)

Pre-Requisites: Integrated Math 1 and 2 with a C- or better

Graduation Requirement: Math

CSU/UC: Math (C)

Grading Scale: 4.0

Description: This is the third and final course in the CPM Integrated Math series. With this course, students further explore quadratic functions, rational functions, radical functions, exponential functions, logarithmic functions, extend their learning of polynomial functions, their understanding of sequences and series, and their knowledge of trigonometric functions.



## Trigonometry/Pre-Calculus (H)

Grade Level: 12

Credits: 10.0 (Full year)

Pre-Requisites: Integrated Math III with a B or higher or teacher recommendation

Graduation Requirement: Math

CSU/UC: Math (C)

Grading Scale: 5.0

Description: Students memorize and use all six trigonometric functions and their inverses for graphing, evaluating expressions, deriving proofs, solving equations and practical problems. Time permitting; students will study vectors and polar graphing. A more in depth study of Algebra I and II concepts will allow students to solve advanced equations and inequalities, geometric and algebraic theoretical proofs, and systems of multiple functions. This course will develop skills to recognize and analyze types of higher-degree polynomials. Time permitting students will also cover topics including: sequences and series, statistics, probability, and an introduction to calculus. **Honors Sections: This course is also available for accelerated students. Permission of the instructor is required for this class, plus each student must fulfill the challenging requirements.**

## Personal Finance Management

Grade Level: 10-12

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Math

CSU/UC: Math (C)

Grading Scale: 4.0

Description: Personal Finance is a mathematical modeling course that is algebra-based, applications-oriented, and technology-dependent. The course addresses college preparatory mathematics topics from Advanced Algebra, Statistics, Probability, Pre-calculus, and Calculus under four financial umbrellas: “Saving and Budgeting”, “Credit and Debt”, “Financial Planning and Insurance”, and “Income, Taxes and Giving”. The course allows students to experience the interrelatedness of mathematical topics, find patterns, make conjectures, and extrapolate from known situations to unknown situations. The mathematics topics contained in this course are introduced, developed, and applied in an as-needed format in the financial settings covered. Students are encouraged to use a variety of problem-solving skills and strategies in real-world contexts, and to question outcomes using mathematical analysis and data to support their findings. The course offers students

multiple opportunities to use, construct, question, model, and interpret financial situations through symbolic algebraic representations, graphical representations, and verbal representations. It provides students a motivating, young-adult centered financial context for understanding and applying the mathematics they are guaranteed to use in the future, and is aligned with the recommendations of the Common Core State Standards, as stated in this excerpt: ...all students should be strongly encouraged to take math in all years of high school. ...An array of challenging options will keep math relevant for students, and give them a new set of tools for their futures From the Common Core State Standards.

## Business Finance Math

Grade Level: 11-12

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Math

CSU/UC: Elective (G)

Grading Scale: 4.0

Description: Business Finance Math is a year-long course which cultivates decision making skills, examines real world financial issues and helps students develop good habits they will use in their daily lives. Students will investigate career choices and build budgets appropriate to that income base as well as analyze their personal finance and money management relative to higher education and its costs. Students will research banking, buying cars and homes, renting, taxes and investing their money, as well as entrepreneurship. Students will also develop an understanding of business, finance, management and marketing while applying the mathematical knowledge necessary for success in those fields. Technology will be used as a tool to facilitate these investigations and to complete most projects. Projects will involve research, reading, writing reports and oral presentations. In addition to projects, the students will use math skills to investigate real world problems and practice math skills that will be used in their daily lives based on Common Core standards. Assessments will be in the form of performance tasks, quizzes, chapter and unit tests, and a final exam. Students will develop a deep understanding of the expectations and situations they will face as productive young adults.

# Course Description – Physical Education

## **Physical Education 9-12** **(Repeatable for Credit)**

Grade Level: 9-12

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Physical Education

CSU/UC: Not Applicable

Grading Scale: 4.0

Description: In this course the students will engage in a variety of team and individual activities that promote lifelong health and fitness. These activities will encourage skill and social development as well as a general knowledge of rules and etiquette. This course will involve both physical and written assignments. Strength training concepts and physical fitness practices will be developed in this class. Participation in strength training and overall physical fitness will contribute to an awareness of lifelong health related fitness. Health Components are embedded into this course and is a general introduction to such health topics as personality, reproductive health, mental health, substance abuse, disease, nutrition, life skills, and refusal skills. Current issues are examined and explored so that young people have as much factual information as possible before making responsible decisions. All 9<sup>th</sup> grade students will be participating in the California State Physical Fitness Test. (Required Course for all 9<sup>th</sup> graders).

## **Weight Training** **(Repeatable for Credit)**

Grade Level: 9-12

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Physical Education

CSU/UC: Not Applicable

Grading Scale: 4.0

Description: Students will develop the knowledge and understanding of weight training. Students will learn how to create, implement, and execute a proper weight training routine following proper biomechanical and kinesthetic guidelines. Students will be evaluated on their performance and knowledge of proper technique, rack set, safety, and participation throughout the year.

## **Advanced Weight Training** **(Repeatable for Credit)**

Grade Level: 10-12

Credits: 10.0 (Full year)

Pre-Requisites: Required Athletic Director Signature

Graduation Requirement: Physical Education

CSU/UC: Not Applicable

Grading Scale: 4.0

Description: Students will continue to develop their knowledge and understanding from what they have learned in the first Weight Training Course. Students will create, implement, and execute a proper weight training routine following proper biomechanical and kinesthetic guidelines. Students will be evaluated on their performance and knowledge of proper technique, rack set, safety, and participation throughout the year.

## **Biology**

Grade Level: 9

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Science

CSU/UC: Science (D)

Grading Scale: 4.0

Description: The course of study for Biology includes the following topics: The science of biology, cells and their structure, microscopic life, plants (their importance, structure, and function), animal life, humans (the anatomy and function of all body parts), genetics, and ecology. There will also be in-class discussions centering on the many new and exciting discoveries that are occurring in biology and science.

## **Sustainable (AG) Biology**

Grade Level: 9

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Science

CSU/UC: Science (D)

Grading Scale: 4.0

Description: This course will focus on Biology with a sustainable agricultural approach. Sustainability is based on a simple principle: Everything that we need for our survival and well-being depends, either directly or indirectly, on our environment. Sustainability creates and maintains the conditions under which humans and the biotic world can exist in productive harmony, that permit fulfilling the social, economic and other requirements of present and future generations. Sustainability is important to making sure that we have and will continue to have, the water, materials, and resources to protect human health and our environment. Throughout the course, students are graded on participation in extracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. This class is UC and CSU certified.

## **Chemistry**

Grade Level: 10

Credits: 10.0 (Full year)

Pre-Requisites: Biology or Sustainable (AG) Biology with a “D” or better, passed or enrolled concurrently in Int. I.

Graduation Requirement: Science

CSU/UC: Science (D)

Grading Scale: 4.0

Description: General Chemistry is a comprehensive initial exposure to the field of Chemistry. The course serves to help all students develop an understanding of chemistry and its role in society and to provide a foundation for those students who intend to continue the study of chemistry in college. The course of study includes general science, atomic properties, the periodic table, balancing chemical equations, gas laws, and organic chemistry. There will be a strong emphasis on dimensional analysis and data collection. Students will develop the understanding of the complex concepts in this class through lab-based learning.

## **Agricultural Soil Chemistry**

Grade Level: 10

Credits: 10.0 (Full year)

Pre-Requisites: Biology or Sustainable (AG) Biology with a “D” or better, passed or enrolled concurrently in Int. I.

Graduation Requirement: Science

CSU/UC: Science (D)

Grading Scale: 4.0

Description: This course is developed to approach chemistry with an agricultural methodology. This course explores the physical and chemical nature of soil as well as the relationships between soil, plants, animals and agricultural practices. Students examine properties of soil and land and their connections to plant and animal production. Students develop and present a capstone soil management plan for agricultural producers, demonstrating their knowledge of the soil chemistry content learned throughout the course. Throughout the course, students are graded on participation in extracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program. Prerequisite: Biology or Sustainable (AG) Biology

## Anatomy & Physiology Honors (24-25 School Year)

Grade Level: 11-12

Credits: 10.0 (Full year)

Pre-Requisites: Biology or Sustainable (AG) Biology with a “D” or better, passed or enrolled concurrently in Int. I.

Permission from instructor

Graduation Requirement: Science

CSU/UC: Science (D)

Grading Scale: 5.0

Description: The objective of this course is to offer students a rigorously paced life science course to prepare them for the challenges of the college level material they will encounter in pursuit of a career in a health or medical profession. The course development has been guided by three main goals: 1. to give students interested in a health or medical profession the opportunity to engage in deeper content knowledge related to the structure and functions of human body systems and how they work together to maintain homeostasis 2. To develop real-world laboratory and clinical skills through engagement in the seven Science and Engineering Practices outlined by the Next Generation Science Standards 3. To give students who are interested in pursuing a health or medical profession insight into the wide variety of options for participating in these fields by exposure to the clinical, research, and professional opportunities available to them through research, field trips, and guest lecturers. In addition to developing content knowledge and laboratory skills, students will also be taught the study skills necessary to learn and retain large quantities of information so they can be successful in this course and in their future studies. **\*Honors Sections: This course is also available for accelerated students. Permission of the instructor is required for this class, plus each student must fulfill the challenging requirements.**

## Physics (25 - 26 School Year)

Grade Level: 11-12

Credits: 10.0 (Full year)

Pre-Requisites: Chemistry or AG Chemistry with a “D” or better, passed or enrolled concurrently in Int. II.

Graduation Requirement: Science

CSU/UC: Science (D)

Grading Scale: 4.0

Description: Physics is the study of the physical universe concerned with the relation between energy and matter. Basic to this study is the concept of energy: what it is, what form it takes, how it affects matter and how matter affects

it, and how it can be changed from one form to another. Physics considers such aspects of the world as time, space, motion, matter, electricity, light, and radiation and widely applicable principles of science. Students will develop the understanding of the complex concepts in this class through lab based learning.

## Agricultural Animal Science

Grade Level: 11-12

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Science

CSU/UC: Science (D)

Grading Scale: 4.0

Description: This course will provide the student with principles in Animal Sciences along with Anatomy and Physiology focusing on the areas of mammalian production, anatomy, physiology, reproduction, nutrition, respiration, and genetics. This course is intended to successfully prepare students for entry level employment after high school, as well as those students who plan on majoring in Agricultural Sciences at a post-secondary institution. Throughout the course, students are graded on participation in extracurricular FFA activities as well as the development and maintenance of an ongoing Supervised Agricultural Experience (SAE) program.

## Agricultural Plant and Soil Science

Grade Level: 11-12

Credits 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Science

CSU/UC: Science (D)

Grading Scale: 4.0

Description: This course is designed to provide the student with theories and principles of Agriculture and Plant & Soil Science through “hands on” learning. Utilizing our greenhouse and school garden we are able to expand learning beyond the traditional classroom and textbook and spend much more time learning biology concepts through experiential laboratory lessons. Students will become proficient in academic foundation standards, agriculture career standards (including CDE Agriculture and Natural Resource standards and Plant and Soil Science standards) and biology standards. Laboratory investigations/experimentation, reports and data are held to rigorous standards and follow the principles of the Scientific Method. Investigations/Experiments are designed to address key concepts as well as industry standards when possible so that students are more prepared for higher education and careers in Agriculture and the Plant & Soil Science industry.

## World History

Grade Level: 10

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Social Science

CSU/UC: Social Science (A)

Grading Scale: 4.0

Description: One of the primary goals strived for is to increase the student's appreciation of the history and accomplishments of past people and their civilization. The course should enable students to understand the chronological flow of events, the dynamics of change, and critical links between past and present. Other goals are to have the students comprehend the physical and cultural characteristics of different sections of the world; to appreciate the interactions of peoples with their environment, and to appreciate the nature, rates, and implications of change.

## World History Honors

Grade Level: 10

Credits: 10.0 (Full year)

Pre-Requisites: Permission from Instructor

Graduation Requirement: Social Science

CSU/UC: Social Science (A)

Grading Scale: 5.0

Description: One of the primary goals strived for is to increase the student's appreciation of the history and accomplishments of past people and their civilization. The course should enable students to understand the chronological flow of events, the dynamics of change, and critical links between past and present. Other goals are to have the students comprehend the physical and cultural characteristics of different sections of the world; to appreciate the interactions of peoples with their environment, and to appreciate the nature, rates, and implications of change. **\*Honors Sections: This course is also available for accelerated students. Permission of the instructor is required for this class, plus each student must fulfill the challenging requirements.**

## United States History

Grade Level: 11

Credits: 10.0 (Full year)

Pre-Requisites: None

Graduation Requirement: Social Science

CSU/UC: Social Science (A)

Grading Scale: 4.0

Description: United States History is a survey of our history from reconstruction to the present. Students become familiar with events that show how we have come to be what we are today in terms of territorial growth, political and economic development, industrial growth and expansion, social progress, and cultural development. Special emphasis is placed on understanding how our past affects and directs our present and future.

## United States History Honors

Grade Level: 11

Credits: 10.0 (Full year)

Pre-Requisites: Permission from Instructor

Graduation Requirement: Social Science

CSU/UC: Social Science (A)

Grading Scale: 5.0

Description: United States History is a survey of our history from reconstruction to the present. Students become familiar with events that show how we have come to be what we are today in terms of territorial growth, political and economic development, industrial growth and expansion, social progress, and cultural development. Special emphasis is placed on understanding how our past affects and directs our present and future. **\*Honors Sections: This course is also available for accelerated students. Permission of the instructor is required for this class, plus each student must fulfill the challenging requirements.**

## American Government

Grade Level: 12

Credits: 5.0 (Fall)

Pre-Requisites: None

Graduation Requirement: Social Science

CSU/UC: Social Science (A)

Grading Scale: 4.0

Description: Civics (one semester): the study of the main concepts of American Government and the institutions it has formed. The Presidency, elections, Cabinet, Supreme Court, legislature, regulatory agencies, etc. will be studied in detail.

## Agriculture Government Honors

Grade Level: 12

Credits: 5.0 (Fall)

Pre-Requisites: None

Graduation Requirement: Social Science

CSU/UC: Social Science (A)

Grading Scale: 5.0

Description: This fourth year course is designed for Agriculture Science Students that want to complete the Agriculture Science Pathway. Agriculture Government fits both into the Social Sciences Department and the Agriculture Department by offering an additional course that meets the requirements of the state Social Science Standards, as well as the Agricultural Career Pathway, which will prepare students for higher education in the agricultural industry. This course will analyze and evaluate the key facets of the American Government through an agricultural lens by looking into the structure and function of our government and their influence on agricultural issues and industries. **Honors Sections: This course is also available for accelerated students. Permission of the instructor is required for this class, plus each student must fulfill the challenging requirements.**

## American Government Honors

Grade Level: 12

Credits: 5.0 (Fall)

Pre-Requisites: Permission from instructor

Graduation Requirement: Social Science

CSU/UC: Social Science (A)

Grading Scale: 5.0

Description: Civics (one semester): the study of the main concepts of American Government and the institutions it has formed. The Presidency, elections, Cabinet, Supreme Court, legislature, regulatory agencies, etc. will be studied in detail. **\*Government Honors Sections: This course is also available for accelerated students. Permission of the instructor is required for this class, plus each student must fulfill the challenging requirements.**

## Economics

Grade Level: 12

Credits: 5.0 (Spring)

Pre-Requisites: Permission from instructor

Graduation Requirement: Social Science

CSU/UC: Social Science (A)

Grading Scale: 4.0

Description: This course introduces students to the fundamental principles of economic theory and practice. Students develop a working definition of economics, undergo an extensive introduction to supply and demand and laws that relate to supply and demand. They also are exposed to the variety of political systems and their effect on economic theory including socialism, capitalism, and communism. Types of businesses are explained including sole proprietorships, partnerships, and corporations. The pros and cons of each type of organization are discussed. Other important concepts are explored including pricing, gross national product, inflation, taxation, and selected economic indicators. In addition to a textbook, students will read contemporary non-fiction books about economics. Students will also complete a college-level economic research paper.

## **Agriculture Economics**

Grade Level: 12

Credits: 5.0 (Spring)

Pre-Requisites: None

Graduation Requirement: Social Science

CSU/UC: Social Science (A)

Grading Scale: 5.0

Description: This course is designed for advanced study of agriculture business opportunities and economics for students with an interest in US agriculture by incorporating the US and international agriculture industry into the principles and developing changes of economics, their role in political, cultural, and social spheres, business management, industry employability, and marketability of agricultural products in local, national, and international markets. This course will help students understand and apply basic economic principles as they relate to our nation's largest industry-agriculture and individual consumers, production agriculture, and agribusiness management. As the building blocks of individual societies require different programs, it is vital to evaluate the defining features of different political systems and their continuous cultural and social roles. This course will help students understand and apply basic economic principles as they relate to individual consumers, production agriculture, and agribusiness management. Students will also examine how different societies obtain, produce, and distribute their resources and services and analyze the impact of environmental and geographical change on societies. Life skills such as resumes, job applications, interview skills, accounting, and college and scholarship applications will be included.

## **21st Century Career Exploration**

Grade Level: 9 (Required)

Credits: 10.00 (Full year)

Pre-Requisites: None

Graduation Requirement: Elective

CSU/UC: Elective (G)

Grading Scale: 4.0

Description: Students will research and compare 21st Century career fields and will develop insights into their own career interests and aptitudes. Students will strengthen their general study skills and self-awareness, enhance research skills, and develop personal goal setting. This course will address essential literacy skills defined in the Common Core English Language Arts standards and Anchor standards for Reading, Writing, Listening and Speaking and Language. The primary textbook of the course is *The Transitions Curriculum*, which is structured around Bloom's Taxonomy of higher order thinking skills to increase reasoning, decision-making, problem solving and creativity. Students will develop self-awareness and self-advocacy skills through a variety of activities where they will analyze their own assessment results on Interest /aptitudes and personality traits. Additionally, students will work on the 4 Cs (critical thinking, collaboration, creative thinking, and communication) skills.

## **Culinary Arts I**

Grade Level: 9-12

Credits: 10.00 (Full year)

Pre-Requisites: None

Graduation Requirement: Elective

CSU/UC: Elective (G)

Grading Scale: 4.0

Description: Culinary Arts I is an entry level, hands-on course. The first semester introduces students to nutrition, healthy eating, basic food knowledge and preparation, like sanitation, proper measuring and basic knife skills. Students will gain hands-on experience planning and preparing meals. Specific menu items include grains, vegetables, fruits, dairy, meat, and eggs. Assignments will include topics related to healthy eating, nutrition and food knowledge. Students will gain experience using a variety of preparation equipment and develop skills such as basic knife techniques, proper dry and wet measuring, and food plate presentation. In the second semester students will learn about the Farm to Fork movement and restaurant gardening. Students will also learn techniques in commercial baking and desserts as well as career opportunities in the food service industry.

## **Student Leadership**

### **(Repeatable for credit)**

Grade Level: 9-12

Credits: 10.00 (Full year)

Pre-Requisites: GPA of 2.5 and must be elected to a student body office or have the instructor's permission.

Graduation Requirement: Elective

CSU/UC: Elective (G)

Grading Scale: 4.0

Description: The Student Leadership course is designed for student body officers-president, vice-president, secretary, treasurer, rally chairperson, assistant rally chairperson, and representative to the board/publicity. Students will plan and organize assemblies, rallies, and other events, hold student council meetings, conduct elections, assign concessions, conduct student surveys, prepare budgets, monitor student body records, and plan ways and means to improve the school. Students must participate in ALL spirit activities. **Application Required. See Advisor**

## **Learning Center Support**

### **(Repeatable for Credit)**

Grade Level: 9-12

Credits: 10.00 (Full year)

Pre-Requisites: IEP

Graduation Requirement: Elective

CSU/UC: Not Applicable

Grading Scale: 4.0

Description: This support class is an opportunity for struggling students to receive extra support as they access grade level text. Students will receive elective credit for this course and it will be graded based on a letter grade. (Students must be on an IEP/ 504 with administration approval.)

## **ELD (Repeatable for Credit)**

Grade Level: 9-12

Credits: 10.00 (Full year)

Pre-Requisites: ELL

Graduation Requirement: Elective

CSU/UC: Not Applicable

Grading Scale: 4.0

Description: Students still in the process of acquiring English and not yet demonstrating full fluency in English will be assigned to a daily English class. Class content will mirror equivalent college prep English courses and also provide daily ELD instruction while moving students toward reclassification standards.



## **Student Office Aide**

Grade Level: 12

Credits: 10.00 (Full year)

Pre-Requisites: GPA 2.5, Senior, and approval of the Class/Office Instructor.

Graduation Requirement: Elective

CSU/UC: Not Applicable

Grading Scale: Pass/Fail.

Description: Students will work in the school office one period each day. Instruction will be given in regard to attitudes and procedures necessary to perform the duties of the job. This is a work experience type opportunity. The tasks are varied and provide experience for a typical office position. This environment requires student aides practice confidentiality. Breach of confidentiality can result in removal from the student aide course.

## **Teachers Assistant**

Grade Level: 12

Credits: 10.00 (Full year)

Pre-Requisites: GPA 2.5, Senior, and approval of the Class/Office Instructor.

Graduation Requirement: Elective

CSU/UC: Not Applicable

Grading Scale: Pass/Fail.

Description: A limited number of opportunities are available in classrooms for students to work with and assist high school faculty members in specialized teaching areas. Applications for these positions are to be made with your counselor and require the individual teacher's approval. This environment requires student aides practice confidentiality. Breach of confidentiality can result in removal from the student aide course.

## **Service Learning Project**

Grade Level: 12

Credits: 0 (Full year)

Pre-Requisites: GPA 2.5, Senior, approval of the Learning Center Director, and proof of enrollment in college course

Graduation Requirement: Elective

CSU/UC: Not Applicable

Grading Scale: Pass/Fail.

Description: Seniors who are on track for graduation will be eligible to participate in this program. Students can enroll in Service Learning Project class if they will be attending college courses. A letter signed by the parent and the student will be required. Students participating in this program will attend school for five consecutive periods a day. This is a non-credit offering.

## **Work Experience**

Grade Level: 12

Credits: 10.00 (Full year)

Pre-Requisites: GPA 2.5, Senior, and proof of employment

Graduation Requirement: Elective

CSU/UC: Not Applicable

Grading Scale: Credit/No Credit

Description: The Work Experience course provides students with an opportunity to explore a career pathway in depth with a combination of in-class and on-the-job experiences. The course introduces students to a professional in their fields of interest, and enhances their abilities to make an informed career choice in preparing for college and a future career. Students will experience work-based learning through an internship. The course has a combination of classroom instruction in career exploration and employability skills. Students will work for at least four hours per week in an internship and meet in class one hour per week to complete related classroom instruction.

# CTE Pathways

It is important that our students graduate from East Nicolaus High School ready for their next step, whether that be career or college. Many of our students will choose the college route, either attending a two year or a four year. However, ALL of our students will go into the workforce and develop careers at some point.

The California Department of Education defines a CTE Pathway as a series of courses that:

- Are more than 300 hours of study that includes at least 1 Concentrator and 1 Capstone
- Offers industry recognized certifications
- Contains a Capstone that includes Work-Based Learning opportunities.

At East Nicolaus High School, we have developed pathways that provide our students with opportunities to explore their interests and develop their talents. As you can see, we offer many CTE pathways that, upon completion, the graduate will receive special recognition. We are continuing to work hard to provide relevant and exciting pathways to our students that will help them as they make their way. All students will begin their pathways with 21<sup>st</sup> Century Learning as an introductory course.

CTE Pathways	
<b>AG Mechanics (Pathway 101)</b>	
140560 - AG Mechanics I	7120- Introduction to Agricultural Mechanics
140561 - AG Mechanics II	7121- Intermediate Agricultural Mechanics (Concentrator)
140562 - AG Mechanic III	7122- Advanced Agricultural Mechanics (Capstone)
<b>AG Mechanics HEAVY EQUIPMENT (Pathway 101)</b>	
140560 - AG Mechanics I	7120- Introduction to Agricultural Mechanics
140561 - AG Mechanics II	7121- Intermediate Agricultural Mechanics (Concentrator)
140564 - AG Power Tech	7122- Advanced Agricultural Mechanics (Capstone)
<b>Agriscience (Sub-Pathway 102A: Sustainable Agriculture)</b>	
105630 - Sustainable Ag	7133- Introduction to Sustainable Agriculture
105631 - Ag & Soil Chem.	7134- Intermediate Sustainable Agriculture (Concentrator)
261414 - AG Animal Science	7135 Advanced Sustainable Agriculture (Capstone)
<b>Food Service and Hospitality (Pathway 201)</b>	
290951 - ROP Food Tech I	8000- Introduction to Hospitality, Tourism, and Recreation
290952 - Culinary II	8020- Intermediate Food Service and Hospitality (Concentrator)
290953 - Culinary III	8021- Advanced Food Service and Hospitality (Capstone)

# CTE Pathways and Graduation Pathways

## Ornamental Horticulture (Pathway 105)

811250 Floral Design	7163- Introduction to Floral Design
811251 Advanced Floral Design	7164- Advanced Floral Design (Concentrator)
261413-AG Plant Soil Science	7162 Advanced Ornamental Horticulture (Capstone)

## Business Management (Pathway 182)

145260 Introduction to Business Management	7400 Introduction to Business and Finance
145261 Business Finance Math	7410 Intermediate Business Communication Technologies (Concentrator)
145262 Business Entrepreneurship	7412 Advanced Business Management Enterprise and Project Management (Capstone)

## Academic Pathway (ENHS Pathway Only Graduation)

- Must take at least two (2) AP or Honors Classes during their Junior and/or Senior years
- Maintain a 3.5 or higher GPA for 6 semesters
- Meet A-G requirements and complete FASFA application
- Participate in at least one (1) school college or vocational post-secondary visit
- Be at least a life member in CSF (4 semesters or more)
- Must submit 5 scholarship applications

## Agriculture Pathway (ENHS Pathway Only Graduation)

- Must take at least one Agriculture Class each year
- Participate in FFA Activities
- Participation in a Supervised Agricultural Experience Project (SAE)

## Scholar Athlete (ENHS Pathway Only Graduation)

- participate in two or more years of Varsity Sports
- Have a cumulative GPA of a 3.00 or higher as of December of your Senior year.

## Seal of Biliteracy (State of CA)

- Complete 4 years of English with an overall GPA of a 2.0 in those classes
- Proficiency on one or more languages, demonstrated by:

Passage of the Advanced Placement (AP) examination with a score of 3 or higher, or an International Baccalaureate (IB) examination with a score of 4 or higher.

Successful completion of a four-year high school course of study in a world language, attaining an overall GPA of 3.0 or higher in that course of study. and demonstration of oral proficiency in the language comparable to that of an AP or IB exam

Passage of district test with a score of proficient or higher (If no AP examination or off the shelf language tests exists and the school district can certify that the test meets the level of an AP exam) demonstrating proficiency in all the modes of communication (reading, writing, and speaking) that characterize communication in the language.

Passage of the SAT II world language examination with a score of 600 or higher.

CSF
<p><b>Lifetime Membership:</b> Awarded for being a member of CSF in at least four of the six semesters of eligibility for full CSF membership (sophomore year - senior year). Those who earn the Lifetime award receive a note indicating receipt of the award on their transcripts, an embossed foil seal on their diploma, a Lifetime Membership certificate, the CSF Lifetime membership pin, and a CSF tassel to wear on the mortarboard.</p> <p><b>100% award:</b> Awarded for being a member of CSF all of the six semesters of eligibility for full CSF membership (sophomore year - senior year). Those who earn the 100% award receive a note indicating receipt of the award on their transcripts, an embossed foil seal on their diploma, a Lifetime Membership Highest Honor certificate, a CSF jacket (cover) for the certificate, the CSF Lifetime membership pin, a CSF tassel to wear on the mortarboard, and a CSF gold graduation chord.</p>
One Stop
<ul style="list-style-type: none"> <li>- Completion and Certification of California Food Handlers Training</li> <li>- Sexual Harassment Prevention training</li> <li>- Youth Employment Strategies</li> <li>- Paid work experience</li> </ul>
Golden State Merit (State of CA)
<ul style="list-style-type: none"> <li>- English language arts/literacy (ELA)—students must have earned one of any of the following: A grade of B+ or above (or numerical equivalent) in a single course (each semester) completed in grade nine or ten or eleven OR An achievement level of “Standard Met” or above for the high school Smarter Balanced Summative Assessment</li> <li>Mathematics—students must have earned one of any of the following: A grade of B+ or above (or numeric equivalent) in a single course (each semester) completed in grade nine or ten or eleven OR an achievement level of “Standard Met” or above for the high school Smarter Balanced Summative Assessment</li> <li>Science—students must have earned one of any of the following: A grade of B+ or above (or numeric equivalent) in a single course (each semester) completed in grade nine or ten or eleven OR An achievement level of "Standard Met" or above for the high school California Science Test taken in grade ten or eleven</li> <li>U.S. history—students must have earned one of any of the following: A grade of B or above (or numerical equivalent) upon completion of the required U.S. history course (each semester) OR A qualifying score that demonstrates mastery of the subject as determined by the LEA for an examination produced by a private provider or the LEA</li> <li>Two additional subject areas—students may choose from any of the following: Any additional qualifying grade or score listed above, earned for the subject of ELA, mathematics, science, or U.S. history not already used to meet eligibility OR A grade of B or above (or numerical equivalent) upon the completion of high school courses in other subjects OR A qualifying score that demonstrates mastery of other subjects, as determined by the LEA, for an examination produced by a private provider or the LEA</li> </ul>
FNL (ENHS Pathway Only Graduation)
<ul style="list-style-type: none"> <li>- Be an active member for four years, attending 8 meetings each year</li> <li>- Hold at least one office and/or a committee member of an outreach program</li> <li>- Participate in at least two of the following programs: Veteran’s Day Tribute, Red Ribbon Week, Mentoring students at feeder schools, Yuba/Sutter Live Outreach Programs</li> </ul>

Club or Sport	Contact	Contact Email
ASB-Leadership	Christian Hovey	<a href="mailto:chovey@eastnicolaus.k12.ca.us">chovey@eastnicolaus.k12.ca.us</a>
Baseball - JV and Varsity	John Johnson	<a href="mailto:jjohnson821505@gmail.com">jjohnson821505@gmail.com</a>
Boys' Basketball - JV and Varsity	Kulveer Sandhar Brice Lauppe	<a href="mailto:ksandhar@eastnicolaus.k12.ca.us">ksandhar@eastnicolaus.k12.ca.us</a> <a href="mailto:blauppe@gmail.com">blauppe@gmail.com</a>
Cheerleading	Eileen Van Assen	<a href="mailto:EileenV@sutter.k12.ca.us">EileenV@sutter.k12.ca.us</a>
Cinderella's Closet	Alecia Geach	<a href="mailto:ageach@eastnicolaus.k12.ca.us">ageach@eastnicolaus.k12.ca.us</a>
CSF-California Scholastic Federation	Trever Roddick	<a href="mailto:troddick@eastnicolaus.k12.ca.us">troddick@eastnicolaus.k12.ca.us</a>
Culinary Club	Mary Ann Adams	<a href="mailto:madams@eastnicolaus.k12.ca.us">madams@eastnicolaus.k12.ca.us</a>
FBLA	Kulveer Sandhar	<a href="mailto:ksandhar@eastnicolaus.k12.ca.us">ksandhar@eastnicolaus.k12.ca.us</a>
FFA	Jessica Moos Taylor Tollenaar	<a href="mailto:jmoos@eastnicolaus.k12.ca.us">jmoos@eastnicolaus.k12.ca.us</a> <a href="mailto:ttollenaar@eastnicolaus.k12.ca.us">ttollenaar@eastnicolaus.k12.ca.us</a>
Floral Club	Jessica Moos	<a href="mailto:jmoos@eastnicolaus.k12.ca.us">jmoos@eastnicolaus.k12.ca.us</a>
FNL	Teena Earhart	<a href="mailto:tearhart@eastnicolasu.k12.ca.us">tearhart@eastnicolasu.k12.ca.us</a>
Football – JV and Varsity	Terence George Andy Cantrell Josh Appelt	<a href="mailto:t_billz88@yahoo.com">t_billz88@yahoo.com</a> <a href="mailto:acantrell0105@yahoo.com">acantrell0105@yahoo.com</a> <a href="mailto:joshappelt@att.net">joshappelt@att.net</a>
Girls' Basketball - JV and Varsity	Kelly Essary Jessica Hoffman	<a href="mailto:kawessary@gmail.com">kawessary@gmail.com</a> <a href="mailto:4hoffgirls@gmail.com">4hoffgirls@gmail.com</a>
Golf	Travis Barker	<a href="mailto:tbarker@eastnicolaus.k12.ca.us">tbarker@eastnicolaus.k12.ca.us</a>
Key Club	Trever Roddick	<a href="mailto:troddick@eastnicolaus.k12.ca.us">troddick@eastnicolaus.k12.ca.us</a>
Ski Club	Jodi Yocum	<a href="mailto: jyocum@eastnicolaus.k12.ca.us">jyocum@eastnicolaus.k12.ca.us</a>
Softball - JV and Varsity	TBD	
Track and Field	Sullivan Wall Rachel Lydon	<a href="mailto:swall@eastnicolaus.k12.ca.us">swall@eastnicolaus.k12.ca.us</a> <a href="mailto:rlydon@eastnicolaus.k12.ca.us">rlydon@eastnicolaus.k12.ca.us</a>
Volleyball – JV and Varsity	Jen Minton Donald Takeuchi	<a href="mailto:jminton@wheatland.k12.ca.us">jminton@wheatland.k12.ca.us</a> <a href="mailto:donalddtakeuchi@gmail.com">donalddtakeuchi@gmail.com</a>
Wrestling - JV and Varsity	Bryan Bramhill	<a href="mailto:bramhill@gmail.com">bramhill@gmail.com</a>
Yearbook	Rachel Lydon	<a href="mailto:rlydon@eastnicolaus.k12.ca.us">rlydon@eastnicolaus.k12.ca.us</a>