

# Loudoun Valley High School



Home of the Vikings!  
Course Registration 2020-21

# Course Registration for 2020-21 Loudoun Valley High School

This presentation will provide information to assist you in selecting courses for the 2020-21 school year.



# Loudoun Valley Vikings...are successful because they...

- Take challenging courses
- Study hard and earn excellent grades
- Read, read, read...to strengthen your vocabulary
- Become involved in sports, clubs, volunteer activities
- Browse through college literature or surf the web to learn about schools that may interest you
- Research career possibilities on Family Connections
- Know NCAA (National Collegiate Athletic Association) requirements if you want to play sports in college
- Begin saving \$\$\$\$\$\$ for college early
- Get to know their high school counselor



# Promotion Guidelines

TO BE PROMOTED TO:

- 10<sup>th</sup> grade-students must earn 5 credits by the end of 9<sup>th</sup> grade
- 11<sup>th</sup> grade-students must earn 11 credits by the end of 10<sup>th</sup> grade
- 12<sup>th</sup> grade-students must earn enough total credits to be eligible to graduate in June.



# Course Levels

## GPA Bumps

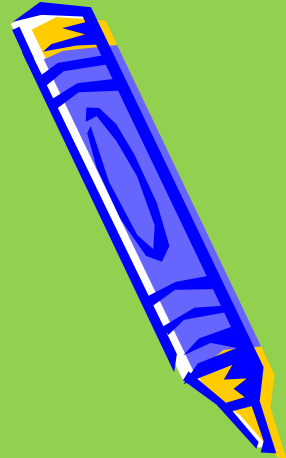
Academic

Honors (+.5)

Advanced Placement (+1.0)

AP/Dual Enrollment (+1.0)

May 1 deadline for Intent  
Form, VPT testing for NVCC  
courses!



# English

- English **9 Acad or Honors**
- English **10 Acad or Honors**
- English **11 Acad or Honors**  
or **AP** English Language  
& Composition
- English **12 Acad or**  
English **12 Honors (dual**  
**enrollment)** or **AP** English  
Literature & Composition  
or **DE English 12**

## Semester

Creative writing **9+**

Fundamentals of Writing **9+**

Etymology **10+**

21<sup>st</sup> Century Literacy Strategies **9+**

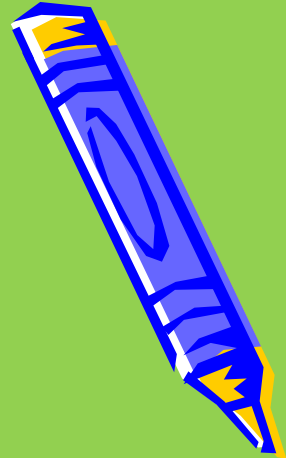
Public Speaking **10+**

## Full Year

Journalism **9+**

Newspaper Journalism 1-3 **9+**

Photojournalism 1-4 **9+**



# Social Science and Global Studies

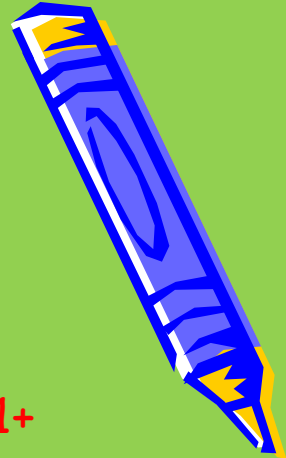
- 9<sup>th</sup> World History/Geography to 1500 (**Academic**) or Pre-AP World History (**Honors**)
- 10<sup>th</sup> World History/Geography 1500 to present (**Academic**) or **AP** World History
- 11<sup>th</sup> US & Virginia History (**Academic**) or AP US History or **DE US History**
- 12<sup>th</sup> US & Virginia Government **Academic** or **AP** Government (both US & Comparative combined)

## Semester

- Economics **10+**
- Global Social Issues **11+**
- Modern International Relations **11+**
- Psychology **11+**
- The World of Ideas **11+**
- World Religions **11+**

## Full year

- **AP** Psychology **11+**
- **AP** Human Geography **11+**
- **AP** Economics (Micro/Macro) **11+**
- **Survey of African History DE**



# Mathematics

AP Calculus BC

AP Calculus AB

Math Analysis **Honors**

Advanced Algebra/Precalculus

Advanced Functions & Modeling

Algebra 2 with Trigonometry **Honors**

Algebra 2

Geometry

Functions, Algebra, & Data Analysis

Algebra 1

## Semester

- Statistics
- Discrete Math

## Full Year

- Computer Math
- **AP** Computer Science
- **AP** Statistics





# Science

- Earth Science Acad or Honors RESEARCH 9th
- Biology Acad or Honors RESEARCH 10th
- Chemistry 11+
- Environmental Explorations 11+
- Physics 11+
- Conceptual Physics 10+
- AP Environmental Science 11+
- AP Chemistry DE 11+
- AP Physics 12 or Physics DE
- AP Biology DE 11+
- Independent Science Research (dual enrollment possibility) 11+
- Geospatial Science (dual enrollment possibility) 11+



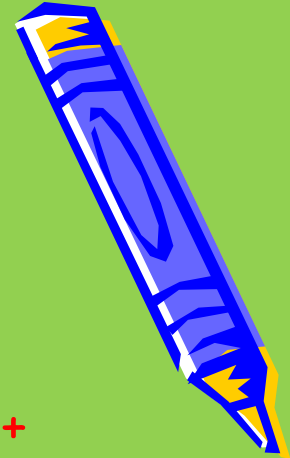
# World Languages and Cultures

- French 2,3,4 & 5 (**Honors**), & **AP**
- German 2,3,4 & 5 (**Honors**), & **AP**
- Latin 1,2,3,4 & 5 (**Honors**), & **AP**
- Spanish 1,2,3,4 & 5 (**Honors**), & **AP**
- American Sign Language 1,2,3
- American Sign Language DE 3 and 4

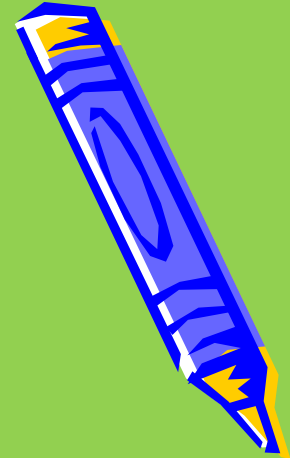


# Fine Arts

- Music Appreciation 9+
- Music Theory/History 9+
- AP Music Theory 9+
- Band 9+
- Jazz Ensemble 9+
- Orchestra 9+
- Guitar 9+
- Chorus 9+
- Instrumental Keyboard 9+
- Theater Arts 1 - 4 9+
- Musical Theater 9+
- Technical Theater 9+
- Theatre Hist/Lit/Perf DE
- Art 1 - 4 and AP Studio Art 9+
- Graphic Design (semester) 10+
- Drawing and Painting (semester) 10+
- Sculpture (semester) 10+
- Photography (semester or full yr) 10+



# Career and Technical Education



- Fashion Design (sem) 9+
- Gourmet Foods (sem) 9+
- Human Development (sem) 9+
- Independent Living (sem) 9+
- Intro to Business & Marketing 9+
- Computer Information Systems 10+
- Desktop/Multimedia Presentations 10+
- Accounting 1 & 2 10+
- Business Law and/or Business Mgt (sem) 10+
- Sports Entertainment & Recreation Mktg 10+
- Marketing Co-Op & non-Co-Op 11+
- Advanced Marketing Co-Op & non-Co-Op 12
- Leadership Development (sem) 9+



- Housing/Interior Design (sem) 9+
- Marriage & Family Dynamics (sem) 11+
- Teacher Cadet Program (dual enrollment) 12



# Technology Education

All of the Monroe Technology Center Programs 10+

Technology Foundations 9+

Technology Transfer 10+

Technology Assessment 11+

Technical Drawing & Design 9+

Engineering Drawing & Design 10+

Architectural Drawing & Design 10+

Advanced Drawing & Design 11+

Aerospace 1 9+

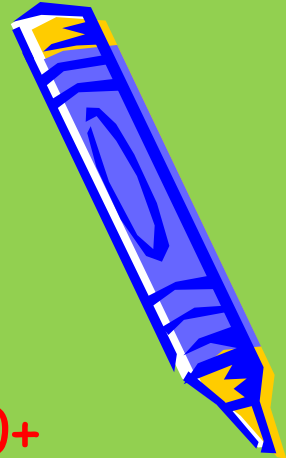
Aerospace 2 10+

Materials & Processes 9+

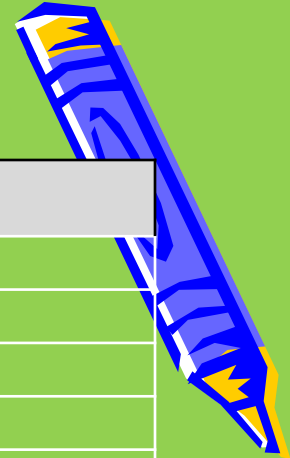
Manufacturing Systems 10+

Manufacturing Systems 2 11+

Production Systems 12



# Diploma Requirements



|   | Standard Diploma  | Advanced Diploma                                |
|---|---|---|
| English   | 4   | 4   |
| Mathematics   | 3   | 4 (including Algebra 2)                         |
| Science   | 3 (2 different disciplines)   | 4 (3 different disciplines)                     |
| History/Social Science                                  | 3   | 4   |
| Health & Physical Education                             | 2   | 2   |
| World Language  |   | 3 of one language or 2 of 2 different languages |
| Fine Art or Career & Technical Education (CTE) elective | *2 - see below  | 1   |
| Other electives   | 4 (2 must be sequential)  | 2 or 3, depending on World Language             |
| Economics/Personal Finance (or AP Economics)            | 1   | 1   |
| other   | 1 virtual experience and 1 technical education credential/certification | 1 virtual experience                            |
| <b>Total Credits</b>                                    | <b>22</b>   | <b>26</b>                                       |
| <i>Verified credits (SOLs)</i>                          | 6   | 9   |

\*One of the following combinations of credits will fulfill this requirement:

- One World Language credit with one Fine Arts credit
- One World Language credit with one CTE credit
- Two CTE credits
- Two Fine Arts Credits
- One CTE credit with one Fine Arts Credit



# End of Course SOL Tests

*Exams are taken in May each year.  
The English Writing is taken in March.*

- **English 11 - 2 parts**
  - Reading/Literature
  - Writing (March exam)
- **Math**
  - Algebra I
  - Geometry
  - Algebra II
- **Science**
  - Earth Science
  - Biology
  - Chemistry
- **Social Studies**
  - World History I
  - World History II
  - US/VA History

## RISING 9<sup>TH</sup>, 10<sup>TH</sup>, and 11th GRADE: SY: 20-21

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- **Standard diploma:** 5 verified credits
- **Advanced diploma:** 5 verified credits

| One Verified Credit Each in: |          |
|------------------------------|----------|
| Mathematics*                 | SOL Test |
| Science                      | SOL Test |
| English (Reading)            | SOL Test |
| English (Writing)            | SOL Test |
| History/Social Science       | SOL Test |

\*Math SOLS taken in middle school do not count towards this graduation requirement.



## RISING 12<sup>TH</sup> GRADE: SY: 20-21

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- **Advanced diploma:** 9 verified credits

**Note:** Substitute tests are typically used for transfer students after 10<sup>th</sup> grade.

| Two Verified Credits Each in:<br>(Except Student Selected – need one) |                        |
|---|------------------------|
| Mathematics   | SOL or Substitute Test |
| Science   | SOL or Substitute Test |
| English (Reading)   | SOL or Substitute Test |
| English (Writing)   | SOL or Substitute Test |
| History/Social Science  | SOL or Substitute Test |
| Student Selected<br>(NEED 1)  | SOL or Substitute Test |

# Special Programs



- Academies of Loudoun
  - \*AOS-Academy of Science
  - \*AET-Academy of Engineering & Technology
  - \*MATA- Monroe Advanced Technology Academy
- **JROTC-at Loudoun County High School – apply by mid Feb. Go to <http://www.lcps.org/domain/2781> for application and deadlines/dates. Interviews are in March.**
- Advanced Placement Program (AP)
- Dual Enrollment Agreements (DE) with NVCC, Shenandoah University, VA Tech and Loudoun Governor’s Career and Technical Academy.
- Geospatial Course – JMU Dual Enrollment

# MATA-Academies of Loudoun

These courses require an application!

Application deadline TBD

Go to this link for application and deadline information-  
<http://www.lcps.org/domain/15454>

If you select a course that is a dual enrollment course, you

1. Must complete & submit the NOVA application online (to obtain a student ID number). <https://apply.vccs.edu>

2. May need also to take the VPT Placement Test in Math and or English as part of your application if your PSAT, SAT, SOL or other substitute tests. VPT testing is available at NVCC-Sterling Campus or at Woodgrove H.S. on March 6-10, 2017.

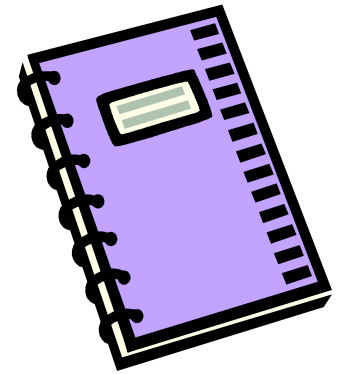


# A few helpful web sites for college and career planning...



- CollegeBoard – [www.collegeboard.com](http://www.collegeboard.com)
- Naviance Family Connections –  
<https://connection.naviance.com/family-connection/auth/login/?hsid=lvhs>  
Your Username is your Student ID Number in this format: 123456  
Your default password is your Birth Date in this format: mmddyy
- NACAC – National Association for College Admission Counseling  
[www.nacacnet.org/MemberPortal/ForStudents/](http://www.nacacnet.org/MemberPortal/ForStudents/)
- NCAA – National Collegiate Athletic Association – for sports eligibility in college – [www.ncaa.org/wps/portal](http://www.ncaa.org/wps/portal)
- Fastweb – for great financial aid and scholarship information-  
[www.fastweb.com](http://www.fastweb.com)

# Registration Process



- Loudoun Valley counselors register students via their math classes for courses January 6-10, 2020.
- The POS (Program of Studies) is online at LCPS. This document provides descriptions of available courses.
- LV Academic Plan Sheets – Due back to the school counselor. Parents – please review, make changes and sign off and return to the counselor!
- All students sign up to take 7 courses plus a study hall: 4 core courses, 2 electives, and study hall to fill the 8 block schedule using StudentVue in Phoenix.
- Rising Seniors and Early Release – you must complete an early release request form and return it to your school counselor to have Early Release added to your schedule.
- Dual Enrollment with NVCC – you must complete and return your NVCC DE Intent to Enroll Form with all signatures and updated testing data (take the VPT if necessary to qualify) to your counselor before these courses will be added to your schedule. **May 1 is the deadline this year.**

# Program of Studies Booklet 2020-21

Includes information about:

- Course offerings and prerequisites
- Graduation/diploma requirements/SOLs
- Grade Point Average
- Diploma Seals
- Early College Scholars
- Special Programs available
- Articulation Agreements with local colleges



# Program of Studies Booklet...cont.



- Your Program of Studies is now online. Students will no longer receive a printed copy of this document.
- Go to the school counseling page of the LV web site.



# Schedule Changes in 2020-21

- Please make wise decisions as you verify your courses for next year when meeting with your counselor this spring. Schedule changes may be extremely limited in 2020-2021 if classes fill due to high enrollment.



# **All students are to sign up for 7 courses plus a study hall:**

- 4 core courses (English, Math, Science and Social Studies)**
- PE 10 for 10 graders (Driver's Ed will be added later by the school counseling office)**
- 2 electives or 4 semester electives**
- Study hall will be mass added to all schedules in August by LV admin.**

**\*\*\*Some classes may not run if enrollment is low based on course selection totals.**

All students are to sign up to take 7 courses plus study hall. **Study halls will be mass added by the school counseling department to all student schedules during the summer.**

Rising 10<sup>th</sup> graders

- 4 core courses (English, Math, Science and Social Science)
- PE 10 - (Driver's Ed will be added later by the school counseling office).
- 2 electives

Rising 11<sup>th</sup>/12<sup>th</sup> graders

- 4 core courses (English, Math, Science and Social Science)
- 3 electives
- **Early Release for Seniors-** will be added only after you return the LCPS form with all the required signatures to your counselor.

# To select your courses:

1. Login to StudentVue
2. On the left hand side of the screen, select **Course Request**
3. **From the drop down menu select:**
  - 4 core courses-(English, Math, Science and Social Studies)
  - PE 10 (if required for sophomores)
  - 2 electives
4. **It will Save automatically**  
(Study Hall will be mass added by admin this summer)
4. **Course Request feature in StudentVue is live for LV Jan. 6- Feb. 15 only!**