# **RISING SOPHOMORES, JUNIORS, & SENIORS**

#### **Diploma Options: Standard & Advanced**

English (4 credits for graduation)

- English 10, English 11, English 12
- English 10 Honors
- English 11DE/ English 12DE
- English 11AP/English 12AP

Math (4 credits for adv / 3 credits for standard)

- Algebra I Part II
- □ Geometry
- Geometry Honors
- Algebra II
- □ Algebra II Honors
- Grade 12 Capstone
- Pre-Calculus
- Pre-Calculus DE
- Pre-Calculus AP
- □ AP Statistics
- AP Calculus AB/DE
- AP Calculus BC/DE
- □ AP Computer Science Principles
- Algebra Functions Data Analysis (AFDA)
- Computer Math

**Science** (4 credits for adv / 3 credits for standard)

- Biology
- Biology Honors
- Biology II: Anatomy & Physiology Honors
- AP Biology
- Earth Science II
- □ Chemistry
- DE Chemistry 101/Chemistry Honors
- Chemistry II
- □ Physics
- DE Chemistry/AP Chemistry
- AP Physics C (enrolled in AP Calculus BC concurrently)

# **Econ & Personal Finance**

- Economics & Personal Finance
- Economics & Personal Finance DE

# **PE Electives**

Strength Training I, II, III, & IV

# World Languages (2 of 2 OR 3 of 1 for adv

diploma)

Latin I
Latin II
Latin III H
Latin AP
Spanish IV DE
Spanish V AP/DE
Spanish VI DE

**Social Studies** (4 credits for adv / 3 credits for standard)

- Virginia & US History
- Virginia & US History AP
- □ Virginia & US HIstory DE
- □ Virginia & US Government
- □ Virginia & US Government AP
- □ Virginia & US Government DE

# **Electives in Social Studies**

- Modern World History AP
- Sociology Honors
- African American History
- Intro to African American Studies DE/Non-Western Cultures DE
- Special Topics in History

# Social Science & Language Arts Electives

- Psychology DE
- Creative Writing
- Journalism I, II, & III
- News Media & Film Studies
- □ Independent Study

# Fine Arts

- Introduction to Art
- Studio Art & Design I. II, III, & IV Honors
- Ceramics I, II, & III
- Decorative and Functional Art
- Survey of Theatre and Dance I, II, III, & IV
- Digital Photography I, II, & III Honors
- Photojournalism I, II, III, & IV
- Choir
- Symphonic Band
- Percussion Ensemble
- □ Jazz Band (0.5 credit after school)

# **CTE Electives**

□ Marching Band (0.5 credit after school)

# Aerospace Technology I & II

#### Auto Body Technology I, II, & III

# Automotive Technology I, II, & III

#### Agriculture

- Biological Applications in Ag
- Horticulture Science
- Equine Science
- □ Forestry & Wildlife Ecology

#### Architecture and Engineering

- Engineering & Architecture I
- Architecture II
- Engineering II
- Engineering & Architecture III

#### **Business and Information Technologies**

- Computer Info Systems DE
- Cybersecurity DE
- Cybersecurity II
- Design, Multimedia and Web Tech

#### **Communication Systems**

- Communication Systems
- □ Graphic Communication Systems

#### Electronics I, II, & III

#### Carpentry

- Building Trades I & II
- Carpentry III Co-op
- Building Management

#### **Family and Consumer Science**

#### Nutrition & Wellness

- Introduction to Family and Consumer Science (prerequisite for Culinary & Hospitality)
- Culinary I, II, & III
- Hospitality, Tourism, & Recreation I & II

#### **Health and Medical Sciences**

- Nurse Aide I DE (2.0 GPA) (Application May Be Required)
- Nurse Aide II DE (2.0 GPA)
- EMT (Age 16)
- Firefighting (Age 16)

# **Manufacturing Systems**

- Materials and Processes
- Manufacturing Systems I, II, & III

#### Small Animal Care

- Small Animal Care I & II
- Veterinary Sciences

#### **Teachers for Tomorrow**

- Introduction to VA Teachers for Tomorrow
- □ Teachers for Tomorrow I DE (2.7 GPA)
- Teachers for Tomorrow II

#### **Off Campus Classes**

U Welding

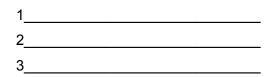
#### Evening courses

- □ Introduction to Construction (At MGCC)
- HVAC I & II DE (At MGCC)

#### Other

- Cooperative Education Work Experience
- □ Internship
- Directed Study (zero credit study hall senior preference)
- Early Release (seniors only)

# **Backup Elective Choices:**



\*NOTE: All elective offerings are subject to staffing availability

\*\*Please refer to the Program of Studies for a comprehensive list of classes including all prerequisites and requirements. If you do not meet the prerequisites, you will not be enrolled in the course.