



## 2021-2022 Mason Virtual Academy Course Guide (MAVA)

### ENGLISH - 4 credits needed

- English Language Arts 9 (required)
- English Language Arts 10 (required)
- English Language Arts 11 (required)
- English Language Arts 12 (required)

### MATH - 4 credits needed

- Pre-Algebra
- Algebra 1 (required)
- Algebra 2 (required)
- Geometry (required)
- Personal Finance (1 semester)
- Trigonometry (1 semester)
- Pre-Calculus
- Math Models and Applications
- Financial Math
- Concepts of Probability and Statistics
- Statistics
- Mathematics 1
- Mathematics 2
- Mathematics 3

### SCIENCE - 3 credits needed

- Biology (required)
- Chemistry
- Physics } one is required - student choice
- Environmental Science
- Earth and Space Science
- Physical Science

### SOCIAL STUDIES - 3 credits needed

- World History and Geography (required)
- U.S. History and Geography (required)
- Civics (1 semester, required)
- Economics (1 semester, required)



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### **HEALTH/PHYSICAL EDUCATION**

- Contemporary Health (1 semester, required)
- PE online (1 semester, required)

### **FOREIGN LANGUAGE & VISUAL/PERFORMING ARTS - minimum 3 credits needed, must have 1**

#### **Foreign Language credit**

- Spanish 1, 2, 3
- French 1, 2, 3
- Art History 1
- Introduction to Art

### **ELECTIVES**

- Strategies for Academic Success (1 semester)
- Career Explorations 1 (1 semester)
- Career Explorations 2 (1 semester)
- Career Explorations 3 (1 semester)
- Career Management (1 semester)
- Sociology (1 semester)
- Career Explorations
- Career Planning and Development
- Expository Reading and Writing
- Introduction to Communications & Speech
- Literacy & Comprehension 1
- Literacy & Comprehension 2
- Modern World History
- Human Geography
- Computer Applications: Office® 2016
- Foundations of Personal Wellness
- Healthy Living
- Introduction to Computer Science
- Lifetime Fitness
- Psychology



## **CTE ELECTIVES (Must be approved & align with student's EDP)**

### **Agriculture, Food & Natural Resources**

- Agribusiness Systems (1 semester)
- Animal Systems (1 semester)
- Plant Systems (1 semester)
- Food Products and Processing Systems (1 semester)
- Introduction to Agriculture, Food, & Natural Resources Plant Systems (1 semester)
- Power, Structural, & Technical Systems (1 semester)

### **Architecture & Construction**

- Construction Careers (1 semester)
- Introduction to Careers in Architecture & Construction (1 semester)

### **Arts, A/V Technology & Communications**

- Fundamentals of Digital Media (1 semester)

### **Business Management & Administration**

- Keyboarding and Applications (1 semester)
- Business Law (1 semester)
- Business Computer Information Systems
- Introduction to Business
- Microsoft® Office® Specialist
- Small Business Entrepreneurship
- Technology and Business

### **Education & Training**

- Introduction to Careers in Education & Training (1 semester)
- Introduction to Human Growth and Development (1 semester)
- Teaching and Training Careers (1 semester)

### **Finance**

- Banking Services Careers (1 semester)
- Introduction to Careers in Finance (1 semester)

### **Government & Public Administration**

- Introduction to Careers in Government & Public Administration (1 semester)



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### **Health Science**

- Careers in Allied Health (1 semester)
- Health, Safety and Ethics in the Health Environment (1 semester)
- Introduction to Careers in the Health Sciences (1 semester)
- Physicians, Pharmacists, Dentists, Veterinarians & Other Doctors (1 semester)
- Public Health: Discovering the Big Picture in Health Care (1 semester)
- Therapeutics: The Art of Restoring and Maintaining Wellness (1 semester)
- Health Science Concepts
- Introduction to Health Science
- Medical Terminology

### **Hospitality & Tourism**

- Food Safety and Sanitation (1 semester)
- Marketing and Sales for Tourism and Hospitality (1 semester)
- Planning Meetings and Special Events (1 semester)
- Sustainable Service Management for Hospitality & Tourism (1 semester)
- Transportation and Tours for the Traveler (1 semester)

### **Human Services**

- Family and Community Services (1 semester)
- Introduction to Consumer Services (1 semester)
- Introduction to Human Services (1 semester)
- Personal Care Services (1 semester)

### **Information Technology**

- Fundamentals of Computer Systems (1 semester)
- Fundamentals of Programming & Software Development (1 semester)
- Computer Science
- Introduction to Coding (1 semester)
- Introduction to Computer Science
- Introduction to Information Technology
- Introduction to Information Technology Support & Services (1 semester)
- Introduction to Network Systems (1 semester)
- Network System Design (1 semester)
- New Applications: Web Development in the 21st Century (1 semester)
- Software Development Tools (1 semester)



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### **Law, Public Safety, Corrections & Security**

- Corrections: Policies and Procedures (1 semester)
- Fire & Emergency Services (1 semester)
- Forensics: Using Science to Solve a Mystery (1 semester)
- Introduction to Law, Public Safety, Corrections, & Security (1 semester)
- Law Enforcement Field Services (1 semester)
- Legal Services (1 semester)
- Security and Protective Services (1 semester)

### **Marketing**

- Careers in Marketing Research (1 semester)

### **Science, Technology, Engineering & Mathematics**

- Engineering and Design (1 semester)
- Engineering and Product Development (1 semester)
- Introduction to STEM (1 semester)
- Science and Mathematics in the Real World (1 semester)
- Scientific Discovery and Development (1 semester)
- Scientific Research (1 semester)
- STEM and Problem Solving (1 semester)

### **Transportation, Distribution & Logistics**

- Careers in Logistics Planning and Management Services (1 semester)
- Introduction to Careers in Transportation, Distribution, & Logistics (1 semester)