BUSINESS

* Course descriptions that are shaded are not being offered.
* One half credit of computer education is a requirement for all Mason High School students.
* Accounting 1, Personal Finance, and AP Computer Science may serve as math related credit if taken during the student’s senior year.
* Mason High School has a partnership with Lansing Community College and Davenport University that may allow students taking Mason High School courses to receive Lansing Community College credit through the process of articulation. Courses that can be articulated are as follows: Intro to Business, Intro to Digital Technology, Law 1, Law 2, Marketing, Photoshop and Web Page Design.

**AP Computer Science** 3 trimesters Grade Level: 9 – 12

Course #6501 Pre-requisite: Algebra I

 #6502

 #6503

AP Computer Science introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of date (data structures), approaches to processing data (algorithms). Analysis of potential solutions, and the ethical and social implications of computing. This course emphasizes both object-oriented and imperative problem solving and design. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems.

**Exploratory Computer Science** 2 trimesters Grade Level: 9 – 10

Course #6603

 #6604

Exploring Computer Science (ECS A & B) is an introduction to the key concepts in the field of computer science. ECS is taught using an inquiry-based method of instruction. The purpose of this course is to give students a computational understanding of algorithm development, problem solving and programming within the context of problems that are relevant to students’ daily lives.

**Intro to Business** 1trimester Grade Level: 9-10 or teacher

Course # 6607 approval

This course will introduce students to principles, problems, and practices related to the world of business. Topics covered will include business management and organization, marketing, finance, economics, production, and international business.

**Intro to Digital Technology** 1 trimester Grade Level: 9 - 12

Course # 6617

Students learn how to work with audio, video, and text to create exciting and stimulating presentations. Students are introduced to working with numerous file types, audio mixing, video production, and techniques. Students will be introduced to a variety of new applications and programs. They also will learn file management and troubleshooting of common technology problems.

**Law I** 1 trimester Grade Level: 9 – 12

Course # 6615

Criminal Law will examine the legal system by defining the court system, looking at specific crimes, defenses to crimes, and the entire criminal justice process. We will look at criminal cases throughout the trimester.

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**Law II** 1 trimester Grade Level: 9 – 12

Course # 6616 Prerequisite: Law I

Law II focuses on both the substance and the process of our legal system and reflects many social and ethical issues. In addition, the course has great practical value, providing background for professional explorations and clarifying the problems of private life. At the end of the course, students should have improved academic knowledge and skills in ethics, tort law, personal legal issues, as well as business law.

**Leadership Development A** 1trimester Grade Level: 9 - 12

Course # 6610 Prerequisite: None

This course is designed for students with a strong interest and commitment to personal developing their leadership skills. Students who are interested in serving as an officer of an organization in or out of our school are strongly encouraged to enroll. Areas of growth will include self awareness, goal setting, facilitation, teamwork, group dynamics, and project planning management.

**Leadership Development B** 1trimester Grade Level: 9-12

Course # 6611 Prerequisite: Leadership A

 (C+ or better)

This course has been designed to allow students to apply the learning from Leadership A in practical ways. Students in this course will be expected to take on leadership roles and plan activities within the school and the community. Leadership B is designed for any student who wants to lead but is also geared at students who are currently serving in leadership capacities in the school.

**Marketing** 1 trimester Grade Level: 10 – 12 or 9th graders

Course # 6613 who have taken Intro. to Business Prerequisite: None

Students will be introduced to marketing concepts including, promotion, pricing, distribution, product planning, and communication skills. The class is designed for students who have a desire to enter the business field. This class or Accounting 1 is a prerequisite for students who are interested in the school store.

**Photoshop** 1 trimester Grade Level: 9 - 12

Course # 6619 Prerequisite: Info Tech or Intro to

 Digital Technology

This course familiarizes students with the editing capabilities of Adobe Photoshop software. Along with an introduction to digital photography, students will engage in hands on activities which incorporate the Adobe Photoshop interface and its expansive set of features. Lessons cover the basics of saving and sharing image files while mastering various processes used for image editing.

**Video Editing** 1 trimester Grade Level: 9 – 12

Course #6620 Prerequisites: None

This course is designed to teach students the principles in video editing through a hands-on approach to work with digital images, video production, video-editing, and manipulation of electronic data. Students will learn to use digital and video cameras to gather footage which they will then edit to portray their desired message to their audience. Students will also be introduced to “live broadcast” techniques in preparation for the Digital Media course.

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**Web Page Design** 1 trimester Grade Level: 9 - 12

Course # 6622 Prerequisite: Basic computer skills Recommendations: Exploratory Computer Science or Photoshop is strongly recommended

Web Page Design presents the principles for planning and designing attractive and informative Web sites. The course explores the factors that affect Web layout and design, such as browser choice, screen resolution, navigation, connection speed, typography, graphics, and color. Students will create Web pages using HTML and Web editors that incorporate digital photography, the use of a scanner and other third party programs to edit and display graphics and information.

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