
ART DEPARTMENT

#899 - ART I

Offered to grades 9-12

UNLEVELED

2.5 credits

This is a major course open to students in Grades 9-12. If you have decided that visual expression and artistic development are an important part of your life, then this course is for you. Students considering art school after graduation should elect this course to begin portfolio preparation. Drawing, painting in watercolor and acrylics, printmaking, sculpture, lettering and pottery are some of the areas covered. Freshmen may elect this course only with prior approval of their 8th grade art teacher.

THE PURCHASE OF A SKETCHBOOK AND SUCCESSFUL COMPLETION OF SUMMER ASSIGNMENTS IS REQUIRED FOR ART II – IV & STUDIO ART COURSES.

#902 - ART II

Offered to grades 10-12

UNLEVELED

5 credits

This course is a continuation of the fundamental techniques and skills started in Art I. It is open to students in Grades 10-12 who have successfully completed Art I. Instruction in the areas of watercolor, silkscreen printing, charcoal, chalk pastels, colored pencils and acrylic paints are some of the areas covered.

#904 - ART III

Offered to grades 11-12

UNLEVELED

5 credits

This course offers the serious art student the opportunity to master skills in a variety of media previously mentioned. Mature use of drawing techniques, design concepts and composition, will continue to be developed. Portfolio preparation for those students in Grades 11 and 12 considering continued training after graduation is included.

#905 - ART IV

Offered to grade 12

UNLEVELED

5 credits

This course offers continued study in the visual arts for students who have successfully completed Art I - III. Mature use of drawing techniques, design concepts and composition, will continue to be developed. Portfolio preparation for those students in Grade 12 considering continued training after graduation is included.

#906 - STUDIO ART

Offered to grades 12

AP LEVEL

5 credits

Students in their Junior and/or Senior year may choose, with the permission of the instructor, to participate in the Advanced Placement Studio Art Program. Under this heading there are three distinct programs: **DRAWING PORTFOLIO, 2d-DESIGN PORTFOLIO AND 3-D DESIGN PORTFOLIO.** All programs require the submission of 24 slides of your work and 5 original pieces.

#909 - INDEPENDENT STUDY IN PHOTOGRAPHY

Offered to grade 12

UNLEVELED

SEMESTER COURSE 2.5 credits

Students participate in the one-half year directed study in the areas of 35mm black and white photography and digital photography. Students will develop a portfolio of work from problems assigned by the instructor and examples of their own areas of interest. Students will work with the latest technology to gain an understanding of digital photography in the world today. Having your own 35mm camera as well as your own digital camera is necessary for participation in this course.

PREREQUISITE: Art I or approval of instructor

#898 – VISUAL ART

Offered to grades 11-12

UNLEVELED

SEMESTER COURSE 2.5 credits

In this Computer Graphics based course, students will gain an understanding of the Adobe Photoshop computer software and will use prior art knowledge to be creative in the area of graphic design.

PREREQUISITE: 1 Previous art course or approval of instructor

BUSINESS/TECHNOLOGY DEPARTMENT

#690 – TECHNICAL COMMUNICATIONS

Required in Grade 9

QUARTER COURSE

UNLEVELED

2 credits

Technical Communications is a required course for all freshmen that is designed to give the ninth grade student the technical knowledge that he/she will use throughout his/her secondary and post-secondary career and will also satisfy the Massachusetts High School Technology Standard.

The student will develop higher levels of proficiency in word processing, spreadsheet, Excel, Powerpoint, and presentation applications.

#612 - ACCOUNTING I

Offered to grades 10-12

UNLEVELED

5 credits

An introduction to the principles and practices of double-entry accounting will be presented. Accounting I will provide an in-depth approach for those students who are planning a career in business, management, finance or accounting. Throughout the course, supplemental computer applications will be presented for further enhancement. Students will also have the opportunity to join DECA. Students furthering their education will be more likely to meet with success when taking college-level accounting courses because of their exposure to this course and its software supplement.

#616 - ACCOUNTING II

Offered to grades 11-12

UNLEVELED

5 credits

Accounting II is offered to those students who have successfully completed Accounting I and who meet the prerequisite and wish to pursue a career in accounting or continue their education in college, majoring in Business Administration, Economics or Accounting. This course concentrates on advanced applications of financial accounting concepts not considered in depth in Accounting I. Students will also have the opportunity to join DECA.

PREREQUISITE: "C" or better in Accounting I

#624 - DESKTOP PUBLISHING

Offered to grades 9-12

SEMESTER COURSE

UNLEVELED

2.5 credits

This practical, hands-on, desktop publishing course introduces students to the exciting world of publication layout and design. Students will develop high quality, professional looking documents such as newsletters, advertisements, stationary, flyers, business cards, and announcements. Students may also work on academic publications. Various software applications including Adobe will be utilized in this course.

#618 - INTERNET ACCESS/WEB PAGE DESIGN UNLEVELED
Offered to grades 9-12 **SEMESTER COURSE 2.5 credits**

Internet Access/Web Page Design students will improve their Internet skills as they access the Internet daily. Using *Macromedia Dreamweaver* and *Fireworks*, students will create a web site during the class. Other software will also be used to create and display web pages. Topics will include internet marketing and e-commerce. Students will also have the opportunity to join DECA.

#632 – WEBSITE DEVELOPMENT I UNLEVELED
Offered to grades 9-12 **SEMESTER COURSE 2.5 credits**

This course offers students the opportunity to further develop their web/internet skills. The major objective will be to design, develop, update and maintain Apponequet's website. Macromedia Suite, Adobe products and other software will be used.

PREREQUISITE: *Internet Access/Webpage Design or approval of instructor*

#633 – WEBSITE DEVELOPMENT II UNLEVELED
Offered to grades 9-12 **SEMESTER COURSE 2.5 credits**

The major objective of this course will be to continue to maintain our school's site as well as to further develop and expand the site. The students will have a final project that will incorporate the concepts they have learned.

PREREQUISITE: *Website Development I*

#629 - MARKETING I UNLEVELED
Offered to grades 11-12 **5 credits**

This course is an introduction to retail marketing and management. Marketing and management activities include research, pricing, advertising, selling, sales promotions, customer service, personnel, money handling, inventory control, regulations, ethics and many more. Computers will be incorporated and will include business simulations. Class members will have the opportunity to join *DECA*, a Marketing Association, and to run the school store. The goal of the class is to provide students with a well-rounded introduction into the exciting and ever-changing world of operating a business.

#609 - MARKETING II UNLEVELED
Offered to grade 12 **SEMESTER COURSE 2.5 credits**

This course offers students the opportunity to continue to develop their marketing/management skills. Topics will include e-commerce and store management. Students will complete comprehensive marketing projects and create a portfolio to showcase their work. Students will also have the opportunity to join DECA.

PREREQUISITE: *Marketing I*

#620 – MULTI-MEDIA I UNLEVELED
Offered to 10-12 **SEMESTER COURSE 2.5 credits**

This hands-on computer course is a continuation of the skills started in Internet Access/Web Page Design class. *Macromedia Flash* and *Director* as well as other multi-media programs such as video editing will be used. Students will display their work on web pages that they design. Students will also have the opportunity to join DECA.

PREREQUISITE: *Internet Access or approval from instructor*

#622 – MULTI-MEDIA II UNLEVELED
Offered to grades 10-12 **SEMESTER COURSE 2.5 credits**

This computer course offers students the opportunity to continue to develop their multi-media skills. The major objective will be to complete comprehensive projects that meet design goals. The students will have a final project that will incorporate the concepts they have learned. Students will also have the opportunity to join DECA.

PREREQUISITE: *Multi-Media I or approval from instructor*

#626 - POWERPOINT UNLEVELED
Offered to grades 9-12 **SEMESTER COURSE 2.5 credits**

Students will learn to prepare PowerPoint presentations and use various methods for editing and formatting. Students will gain experience in adding animation, sound, videos, and creating organizational charts for use in presentations.

Students will learn to add visual elements to a PowerPoint presentation, modify it, import and export data, customize the presentation and deliver a professional slide show.

#627 - KEYBOARDING UNLEVELED
Offered to grades 9-12 **QUARTER COURSE 2 credits**

Keyboarding is designed to provide an opportunity to learn to touch type on the computer keyboard using correct techniques as well as the development of speed and accuracy. The student who has been exposed to the keyboard but does not feel confident with the touch system or who needs to improve his/her speed and accuracy should elect this course.

#630 - PROGRAMMING I UNLEVELED
Offered to grades 9-12 **SEMESTER COURSE 2.5 credits**

This course is an introduction to computer programming using the Visual Basic language. Topics include input/output, looping, decision-making, arithmetic operations, arrays, functions, procedures and records. Students will enter, test, debug and execute their own programs. The course will be project based solving real world problems that can be analyzed using computer programming.

PREREQUISITE: *Algebra I*

#631 - PROGRAMMING II UNLEVELED
Offered to grades 9-12 **SEMESTER COURSE 2.5 credits**

The goal of the course is to provide students with a well-rounded introduction into computer programming with Java. The course emphasizes the basic elements of programming including fundamental data types and strings, math operations, input and output, decision-making, loops, data files, classes, arrays, vectors, applets, animation and graphical user interfaces. The course will be project based solving real world problems that can be analyzed using computer programming.

PREREQUISITE: *Programming I*

#608 – TECHNOLOGY ASSISTANT PROGRAM UNLEVELED
Offered to grades 11-12 **2.5 credits**

This IT course is devoted to developing student technology skills through "hands-on" assignments. Web page design, word processing, desktop publishing, spreadsheets, databases, presentations, and office skills are topics that will be developed. Students will also complete real-world projects by maintaining a Technology Help Desk for the school. Students will also maintain and update the school's web site. Faculty, staff and administration will generate tasks beyond daily classroom assignments. The goal of the class is to provide strong office administration/technology training.

PREREQUISITE: *Internet Access/Web Page Design / Desktop Publishing or approval from instructor*