



Chippewa Valley Schools  
19120 Cass Avenue  
Clinton Township, MI 48038

# Fraser Public Schools

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## **Hybrid CTE Career Exploration**

This hybrid class is intended for students who are interested in exploring career options and developing employability skills. Students will determine career goals and prepare resumes, cover letters, job applications, thank-you letters and practice interview skills. Each student will compile a career portfolio as the culminating project for this course. Hybrid courses give students the opportunity to experience online learning while still receiving some face to face instruction.

## **Basic Living Skills**

This class is very important for freshman and sophomores as it will educate students in goal setting, learning styles, multiple intelligences, decision making, communication and dating. They will also learn how to manage their time, stress and how to handle crisis situations including conflict resolution. Students will understand how to be savvy consumers, effective communicators, and explore career paths.

## **Foods and Nutrition**

This course is designed to stress the importance of diet, proper eating and good nutritional habits for personal health. Basic food knowledge and preparation will be gained through reading and writing assignments and actual cooking experiences. Emphasis will be placed on time management, organization and cooperative work habits during cooking labs. This course is required as a culinary arts prerequisite.

## **International Cuisine**

This course is designed to help students become aware of the many different geographic regions of the world through the medium of food. Students will gain an awareness and understanding of diverse populations within our society and around the world by investigating cultural, spiritual, and social influences on food choices. Students will develop teamwork and leadership skills through serving as mentors to their classmates and participating in course assignments/projects. They will have opportunities to develop workplace skills and research career opportunities related to course content.

## **Design for Living**

Students will learn to use the elements and principles of design for both interior and fashion designs. Projects include a design board, furniture arrangement, color scheme book, window and lighting treatments as well as accessory placement. Students will learn about body types, flattering garments, and sketching as it relates to fashion. Students will perform a garment fashion show in class. Students have the opportunity to use a sewing machine and create a garment. Fabric remnants will be supplied. If student prefers their own selection of fabrics, they may purchase their own fabric and matching thread. This course is the prerequisite for Fashion Design.

## **Parenting**

This very important class is designed to help all students regardless of gender, understand the responsibilities associated with parenting. Topics include prenatal nutrition, growth, birth, development of the fetus, care and feeding of the infant and toddler, and serious issues related to teen pregnancy. Health, safety, nutrition, and positive parenting skills are investigated and discussed in relation to babies and children. The flour baby simulation is one of the major projects of this course.

## **Hybrid-Parenting**

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## **Family Living**

A semester class designed to focus on personal development, interpersonal relationships, effective individual and family functioning, and career preparation within a changing society. Students will explore responsibilities of living as an independent adult, relationship development outside the family, and the factors that contribute to marital success. Special attention is focused on promoting and strengthening the family unit, and managing multiple family, community, and career roles.

## **Life Management Skills**

The workforce needs employees that can think critically, solve problems, innovate, collaborate and communicate more effectively. Experiences in this course will help students gain or strengthen those skills. This course confronts each student with the critical issues they will face upon entering adulthood. Activities, discussions, and projects will lead students to carefully examine their own attitudes, self-expectations, priorities, and 21st century skills. During the semester, students will be assigned to develop and implement a Service learning project that will address a community need.

Students will also have an opportunity to explore various non-for-profit organizations that provide services to the community.

## **Hybrid- Service Learning in the Community**

This course was formerly called Hybrid-Life Management Skills This course is designed to teach young adults about the terms and forms of service learning and community service projects and how they are designed. Lessons will give students background information on understanding the types of projects and issues that need our help as volunteers. Lesson are focused on helping students explore how these organizations are formed, what their missions are, projects they work on and how they make a difference in the lives of people in need. Finally students will be involved in creating and focusing on service learning projects that address a community need as well as evaluate and reflect on their project and learning. This course will provide students with the opportunities to explore service organizations, volunteering and community service. This course will prepare students for utilizing informal support resources that provide human services to community members.

## **Surviving after High School/Hybrid**

Students need to be prepared for both the financial and practical aspects of living on their own, either away at college or as a young adult at home. This course will help the with goal setting, decision-making, budgeting, bank accounts, savings, credit, careers, housing, organizing, purchasing insurance as well as financing a car.

## **Fashion Design/Hybrid**

The purpose of this course is to make the fashion design world real and meaningful. Students will learn how to apply the elements and principles of design as well as color and color schemes to fashion design. Students will examine textiles, fibers, fabrics, merchandising and marketing as it applies to the fashion industry. Students will learn how to examine the business aspect of this industry by understanding business practices, store operations, and consumerism. Students will also learn the safe and appropriate use of equipment for garment construction. This class is for ALL students who are interested in the business or the design aspect of the fashion industry.

## **Collision Repair 1A CPC and 1 B CPC**

Auto Body emphasizes developing the knowledge and skills necessary to be successful in the field of auto body repair and refinishing. Specialized learning experiences concerned with all phases in repairing and refinishing of damaged bodies are practiced.

## **Collision Repair 2A CPC and 2 B CPC**

Organized and specialized advanced learning experiences built upon Auto Body I. One Math related credit may be earned.

## **Building Trades 1A CPC and 1B CPC**

Lab and site experiences concerned with the erection, installation, maintenance, and repair of buildings and other structures using assorted materials such as metal, wood, stone, brick, glass, concrete, or composition substances are covered in class.

## **Building Trades 2A CPC and 2B CPC**

Organized and specialized advanced learning experiences built upon Building Trades I. On-site projects such as building a house will be undertaken. One math related credit may be earned.

## **Graphic Design/Print Tech 1A CPC and 1B CPC**

Course is designed for future employment in commercial and in-plant print shops and introduction to basic photographic procedures. Students gain experience in all phases of the graphics industry as well as small shop work flow and other business practices. Emphasis is on layout, design, machine typesetting, desktop publishing using latest software (PageMaker, Quark XPress), scanner, process photography and darkroom procedures, film imposition (stripping), offset press operation and basic maintenance. The students will create 6 or more projects to keep in their portfolio. These projects include business cards, stationery, memo pads, posters and other printed pieces.

## **Graphic Design/Print Tech 2A CPC and 2B CPC**

Organized and specialized advanced learning experiences built upon Graphics I. This program has been articulated with Ferris State University, Macomb Community College and Baker College. COURSE NOTE: One Math related credit may be earned.

## **CAD/Drafting Beginning A and B**

Students wishing to advance in Drafting/CAD are required to be successful in this class. Future Engineers, Architects, Designers, Interior Decorators, Factory and Construction workers will all benefit by having these skills and usually are offered more salary when hired. Artistic skills are not required. This class will introduce the student to the language of Industry, the universal language of Drafting in Manufacturing and Construction. This language is a graphic language that utilizes symbols and shapes to communicate. Unlike a language of speech, this language can be understood throughout the world, no matter what language you speak. This class will show the student how to use simple tools and the computer to make working drafted and mechanical drawings.

## **Intermediate CAD/Drafting A and B**

This class is for students who want to continue their studies in the field of mechanical drafting/CAD. As much as 90% of this class will be devoted to making drawings on the computer. Students will become skilled in producing drawings in accordance with

American National Standards Institute, International Standards AND Architectural Standards. The course is recommended to all students who have found an interest in the Engineering, Architecture or Drafting field.

## **Vocational Engineering Drawing & CAD Applications A and B**

This is the third class in a series for students who want to continue their studies in the field of Drafting/CAD. The majority of this class will be devoted to making drawings on the computer. This class will prepare the student to become employed as a drafter/ CAD operator. All students will draft an assembly and detail drawing, make advance sectioning views and cams. Students will design and build a working prototype of a least two different projects. They will research and develop life size projects from their drawings and test these projects during class. This course is a must for all career interested drafter designers, engineers or architects.

## **Individualized CAD A and B**

Individualized CAD is a course designed for the student that wants to take an independent study in one of the areas of drafting and CAD. It is available to students who are interested in advanced study, co-op students who are currently working in the drafting field, and students who want to take another year of drafting, but because of scheduling problems cannot take Engineering Drawing. Students will, with guidance of the instructor, set goals and course objectives. (May be repeated for credit at the discretion of the instructor).

## **Electronic Technology**

This course is the first step in the Electronic Technology curriculum, and will stress basics of DC circuit operation. The student will gain a basic understanding of digital fundamentals as well as how a computer works. Students receive first-hand experience with circuit construction, testing and troubleshooting. Participants will become skilled in the use of soldering irons, multi-meters and oscilloscopes.

## **Vocational Electronics A and B**

This is the second step in the Electronics Technology Curriculum. This hands-on course is designed so students can expand their troubleshooting skills and competency using electronic test equipment while exploring intermediate and advanced electronic circuitry such as those found in CD ROMS, audio systems, computers, and communication devices. Students will design, construct and troubleshoot circuits using DC electronics, AC electronics, semiconductor electronics, and digital electronics. THIS COURSE MAY BE TAKEN AGAIN FOR CREDIT.

## **Manufacturing Technology**

Students will be introduced to careers related to the manufacturing industry. They will study and practice, layout and measurement, geometric developments, hand and power

tools, basic machine, industrial safety, and the concepts of teaming and group work. They will fabricate and assemble a number of projects using a variety of materials, techniques and hardware.

## **Advanced Manufacturing Technology**

During this one semester class, students will research, plan, draw, fabricate and assemble a variety of projects. These projects will cover an assortment of skills and exercises, which will enable the individual to acquire an entry-level position in the manufacturing industry or apply to an advanced degree or certification. THIS COURSE MAY BE TAKEN AGAIN FOR CREDIT.

## **Engine Technology and Advanced Engine Technology**

Students will be provided with the basic theory, construction, and servicing of small four cycle engines. Students will be supplied with a small four-cycle engine to be used for lab work. Advanced Engine Technology An in-depth study in 2 and 4 cycle engines covering the fuel, electrical, lubrication, and mechanical systems. STUDENTS CAN CHOOSE TO PROVIDE THEIR OWN ENGINE TO WORK ON. Engines may come from motorcycles, wheelers, snowmobiles, jet skis or other equipment with approval from the instructor. Each student is responsible for acquiring the manual, parts and accessories for his/her project. THIS COURSE MAY BE TAKEN AGAIN FOR CREDIT.

## **Welding Technology**

This is a skills building course designed to help students build a positive work ethic that will assist them in achieving future successes. Curriculum will cover obtaining and maintaining employment, industrial safety, oxyacetylene cutting, basic plasma arc cutting and basic SMAW (Arc) welding. Students will perform various weld joints in various in various positions. Students who complete this course with a grade of "C" or better may enroll in Vocational Welding to further explore this topic.

## **Vocational Welding Technology A and B**

Students who complete this course should be adequately trained to fill entry level positions in industrial environments and/or enter rigorous post-secondary training programs. Curriculum will cover concepts relating to SMAW (Arc), GMAW (MIG), GTAW (TIG), CNC plasma arc cutting, and much more. Students are expected to build a positive work ethic, time management skills, and individual responsibility. Students must create a project of their choosing to enter in a student competition, along with satisfying curricular requirements. These students will be eligible to compete in various welding competitions throughout the year. Let's get to work! THIS COURSE MAY BE TAKEN AGAIN FOR CREDIT.

## **Wood Technology**

This course will offer an introduction into the basic skills needed in the use of hand and power equipment used in the woodworking industry. Areas to be studied include; career paths, employability skills, measurement, safety, basic drafting and design as well as construction and fabrication techniques. All students are required to pass a safety test before they may work in the lab.

## **Intermediate Woodworking A and B**

Students enrolled in this course will enhance their level of expertise related to the areas of woodworking. Emphasis will be placed on basic workplace etiquette, standard operating procedures, teamwork, lab safety and finishing techniques. Students will enhance their woodworking skills as the focus of the class is on furniture and cabinetry. Students wishing to create projects beyond the scope of this class must first obtain approval from the instructor, plus provide the materials in advance to create the piece. All students are required to pass a safety test before they may work in the lab.

## **Advanced Woodworking A and B**

Students will research and/or design a project in conjunction with the course instructor. Students who choose to design their own projects must be able to draw detailed working plans with all appropriate views and dimensions. The project must meet a set of pre-determined joinery, design and construction requirements. Students may choose between a series of smaller, short-term projects or a larger year-long project. Job and career exploration will be stressed along with enhancing employability skills. Students are expected to be self-motivated and work independently with assistance from the instructor. Students will be required to prepay for their project materials prior to beginning the work. All students are required to pass a safety test before they may work in the lab.

## **Medical and Health Science Careers A and B**

A career in Health Care can be challenging, exciting and extremely rewarding. This is a 2 semester course designed to help students explore the Health Care field and the variety of related careers that are available. Students will also be introduced to human anatomy and physiology, medical terminology and abbreviations, communication skills, ethical and legal responsibilities, infection control, safety, career planning, and employability skills. Students will complete the skills necessary for First Aid and CPR certification. Students will complete a job shadow experience as well as an employability portfolio. Students will also take the National Health Science Assessment test at the end of the school year. Students can enroll for Health Care Co-op in their senior year and placement will be based on the student's grades, potential, interest and attitude.

## **Patient Care Foundations A and B**

This is a two semester course for students interested in learning basic health skills for care of patients in a variety of settings. These skills may include patient transportation, movement and ambulation, patient environment, patient hygiene, food service and feeding, communication, safety, ethical and legal responsibilities. Other topics include human anatomy and physiology as they relate to health and disease, infection control and medical terminology. Students will learn skills that they may take directly to a job in the health care field. Health Care Co-op students must also be enrolled in Patient Care.

## **Sports Medicine 1 and 2**

This class is a continuation of Sports Medicine Introduction and will cover recognition and care of injuries to the upper extremity, abdomen and thorax, hip and back. Other topics will include nutrition for the athlete, environmental concerns such as heat and cold injuries, and prevention and rehabilitation of sports injuries. Students will renew certification in First Aid and CPR.

## **Professional Baking A and B**

This is a full year course. Students in this class will be preparing breads, cakes, cookies, and other pastries. The skills needed to successfully work in a commercial bakeshop will be learned. The student in this class will focus on production for The Fraser Grille. In the second half of bakeshop we will be stressing advanced pastries and cake decorating. Students who complete both 6231/6232, 6251/6252 and 6241/6242 may be eligible for Culinary Arts Credits at Macomb Community College.

## **Professional Cooking Skills A and B**

This is a full year class. The professional cooking skills class is the “backbone” of the school restaurant “The Fraser Grille”. This class does most of the actual cooking and all of the preparation for the restaurant. The aim of this class is to give students necessary experience to obtain an advanced “back of the house” position in the food service industry. The students will spend the first 10 weeks of class learning sanitation, kitchen safety, culinary terms, skills, and techniques necessary to run the kitchen. The remaining 3/4 of the year will be spent preparing food for The Fraser Grille and other culinary events. In the second half of this full year course we will be stressing production for the restaurant and advanced culinary skills. Students who complete both 6231/6232, 6245/6246 and 6255/6256 may be eligible for Culinary Arts Credits at Macomb Community College.

## **Restaurant Management 6A and 6B**

Students in this class will be acting as managers and trainers for The Fraser Grille. During this year long class they will be learning advanced culinary skills along with management skills. Students who would like to be considered for this class should be considering a career in Food Service. ENROLLMENT FOR THIS CLASS IS EXTREMELY LIMITED AND IS BY COURSE INSTRUCTOR SIGNATURE ONLY!

Restaurant Management students must have room in their schedule to be in restaurant class during both blocks, all year.

## **Restaurant Management 5A and 5B**

Students in this class will be acting as managers and trainers for The Fraser Grille. During this year long class they will be learning advanced culinary skills along with management skills. Students who would like to be considered for this class should be considering a career in Food Service. ENROLLMENT FOR THIS CLASS IS EXTREMELY LIMITED AND IS BY COURSE INSTRUCTOR SIGNATURE ONLY! Restaurant Management students must have room in their schedule to be in restaurant class during both blocks, all year.

## **Culinary Practice A and B**

This is a full year class. The Fraser Grille is a restaurant within Fraser High School that is open to the public entrance Door 39 only off Klein Street, reservations highly recommended at 586-439-7233. This class is meant to be an introduction to the restaurant trade with an emphasis on realistic “on the job” training. The students will spend the first 10 weeks of class learning sanitation, kitchen safety, culinary terms, skills, and techniques necessary to run the dining room and kitchen. In the second half of this full year class the restaurant will be open for business during this section of the class. We will be stressing the different skills necessary for each job in the restaurant. Students who complete both 6231/6232, 6245/6246 and 6255/6256 may be eligible for Culinary Arts Credits at Macomb Community College

## **Web Design**

This course will provide students with proper instruction in the use of HTML code and Adobe Dreamweaver. Students will learn how to edit and format text, add images, create links, tables, and styles. This course is recommended and intended for students interested in creating web sites.

## **Advanced Web Design**

This second course in web design is offered for the student wishing to increase their skills in this area. Students will create websites using advanced applications of web development skills through the use of Adobe software including Dreamweaver and Flash.

## **Microsoft Office Specialist I and II**

Using the Microsoft Office Suite, students will develop competency in Word, Excel, and PowerPoint, through the development of a variety of projects including spreadsheets, formula writing, charts, and presentations. Microsoft Office Specialist II This course continues the study of the Microsoft Office Suite. Through the use of Word, Excel, and

PowerPoint, students develop advanced application and presentation skills. Integration applications using the Microsoft Office Suite are also emphasized.

## **Business Leadership & Technology I and II**

This course is for students interested in pursuing the business career pathway. This project-based course is designed to introduce students to the various areas of the business world. Using web-based tools, including simulations, students will have the opportunity to explore the basics of business through the study of marketing, management, entrepreneurship, financial literacy, hospitality, and more. Business Leadership & Technology II This course is for students interested in pursuing the business career pathway. Students will have the opportunity to explore additional segments of the business world, such as: International Business, Information Technology and Application, Business Planning, Human Resources, Communication, Law, Ethics, Project Management, and Career and Professional Development.

## **Personal and Business Finance and Hybrid**

Understanding and managing personal finance is key to one's future financial success. This project-based course is designed to help students understand the impact of individual choices on occupational goals and potential future earnings. Using online simulations, students will experience real world scenarios and use strategies covered in the course to help them make sound financial decisions. Students will design personal and household budgets, as well as demonstrate knowledge of finance, debt, and credit management. In addition, they will evaluate key financial concepts such as insurance, investing, and taxes.

## **Accounting 1A and 1B**

This is a course for a student to examine if he/she wishes to major in business or accounting in college, become a bookkeeper, or simply learn some useful personal-life bookkeeping skills. Students will apply the principles of accounting through simulating the operation of a service business proprietorship and a merchandising partnership as they learn to journalize and post to a ledger. Students will learn to produce financial statements such as balance sheets and income statements, as well as write checks and reconcile a bank statement. The complete accounting cycle is covered.

## **Accounting 2**

The course is designed for the student who is interested in majoring in accounting or business in college or becoming a bookkeeper upon graduation from high school. This course will cover all types of businesses: individual, proprietorship, partnerships, and corporations. Students will learn about depreciation of assets, taxes, and payroll through simulations that are found in most businesses today

## **Marketing 1**

This is the introduction to the marketing program. The student will gain an understanding of the basic marketing concepts through the textbook as well as projects. Course content will include: our free enterprise system, world economies, international marketing, human relations, selling and promotion. Students will be required to make at least two presentations in front of the class. At the completion of this class, the student should be able to determine if the world of marketing might be a career possibility.

## **Sports & Entertainment Marketing**

This course is designed to teach students marketing and management concepts associated with the sports and entertainment industries. Students will learn techniques and practices used to make this a multibillion-dollar per year industry. Strategies used by successful sports and entertainment marketing and management firms and businesses will be evaluated. This class will prepare students for advanced studies in marketing/management and create an inside look at how and why the sports and entertainment industry operates. Other areas that will be investigated will be the promotion of professional sports, marketing history of professional sports, sponsorships, as well as the movie/concert industry.

## **Retail Store Operations 5A , 5B, 6A and 6B**

Focus of learning will be on the operation of the school store and several school-based enterprises. Students will participate in all aspects of the daily operation of the school store, existing school-based businesses as well as the creation of new school-based enterprises. Entrepreneurship will be taught throughout the semester. Students need to be self-starters and be able to work both independently and as a part of a team. Can be repeated for credit but not required. COURSE NOTE: Each semester of this course will fulfill .5 credits of the required 12th grade math-related credit. 1. All school store students are required to work before the start of the school day in the school store. 2. Student Managers are required to work two after school activities (i.e., football game, basketball game, parent-teacher conferences, Fraser Booster club Arts & Craft Show).

## **Business and Personal Law 1**

A one-semester course designed to emphasize how the law affects “you the student as an individual.” This course could be labeled “Personal Law.” It will equip the student with an understanding of the terms and workings of the United States legal, criminal and civil justice systems that the average person may encounter during life. This course will also introduce students to the basic understanding of entering into contracts.