

RCE COURSE DESCRIPTIONS

Credit Courses

English 9

Begins January 30th 12 weeks Mondays & Wednesdays 5 - 7:00pm \$150
English 9 includes a study of grammar, usage & mechanics, vocabulary, composition, speech, literary terms, and the four basic literary genres. English 9 students will complete a short story unit in addition to reading required stories.

English 10

Begins January 30th 12 weeks Mondays & Wednesdays 5 - 7:00pm \$150
PREREQUISITE: Student must have passed English 9.
English 10 includes a study of grammar, usage & mechanics, vocabulary, composition, literary terms, and the four basic literary genres. Students will complete a poetry unit and work to improve listening and speaking skills. Some titles may include: Night, Of Mice and Men, To Kill a Mockingbird, and The Bean Trees.

English 11

Begins January 30th 12 weeks Mondays & Wednesdays 5 - 7:00pm \$150
PREREQUISITE: Student must have passed English 10.
English 11 utilizes an American literature anthology to survey American authors. Outside literary titles may include The Crucible, The Scarlet Letter, My Brother Sam Is Dead, The Adventures of Huckleberry Finn, A Farewell to Manzanar, and A Walk Across America. Reading comprehension, grammar & writing skills, and vocabulary development are emphasized.

English 12

Begins January 30th 12 weeks Mondays & Wednesdays 5 - 7:00pm \$150
PREREQUISITE: Student must have passed English 11.
English 12 includes a review of the fundamentals of grammar, punctuation, and sentence structure in a practical sense with concentration on elimination of those errors which exist in composition. There is also a strong emphasis on vocabulary development through structured study and reading. Making inferences and critical evaluations are emphasized. Readings may include Beowulf, selections from The Canterbury Tales, Macbeth, Flowers for Algernon, Ordinary People, and Hiroshima.

Modern World History

Begins January 30th 12 weeks Mondays & Wednesdays 5 - 7:00pm \$150
This is a course consisting of the study of humankind's political, cultural, and social institutions, beginning with the Renaissance and progressing up to the 21st century. Students complete work developing skills in research, writing, map interpretation and vocabulary. Class requirements include one research project, one class presentation and one independent project.

Civics

Begins January 30th 12 weeks Wednesdays 5 - 7:00pm \$150
An understanding of the democratic process being essential to a well-functioning society, Civics examines the American governmental system at all three levels: federal, state, and local. Considerable emphasis is placed upon constitutional law and electoral procedures while keeping abreast of current issues. Note: This class will fulfill the civics requirement for graduation.

US History

Begins January 30th 12 weeks Mondays & Wednesdays 5 - 7:00pm \$150
This course surveys U.S. History from reconstruction after the Civil War to the present day. This course emphasizes economics, domestic and foreign policy problems which continue to have an impact on contemporary America. The students are made aware of the change from isolationism to internationalism. Historical events are studied in relationship to contemporary lifestyles and problems. This is a hybrid course meaning that part of your work will be done on-line.

Psychology/Sociology

Begins January 31st 12 weeks Tuesdays & Thursdays 5 - 7:00pm \$150

Students are given the opportunity to develop more effective understanding of the goals of psychology, the ways people behave and interact, where attitudes come from, social influences and their adjustment to society. These topics will be studied with reference to concrete experiences relevant to today's students. The second half of this course is a study of social experiences and human relationships. Considerable emphasis is placed upon issues, which affect individuals outside of the classroom, including potential problem areas such as marriage and divorce and crime and juvenile delinquency.

Algebra

Begins January 31st 12 weeks Tuesdays & Thursdays 5 - 7:00pm \$150

Algebra is a Standards Based approach which connects experiences with mathematics and relates these experiences to everyday life. Topics of study begin with the algebra of straight lines and progresses through data analysis, graphical estimation and concludes with introduction to probability. Students will utilize a graphing calculator (provided) throughout the course.

Geometry

Begins January 31st 12 weeks Tuesdays & Thursdays 5 - 7:00pm \$150

This is a one-year college preparatory geometry course studying geometric concepts from an algebraic perspective. Included in this course is a study of both two and three dimensional shapes, congruence, similarity, transformations and the relationships between geometric shapes. Covers basic geometry including measures, proofs, and parallels. Students will examine the properties of congruence, as well as polygrams. Students will utilize a graphing calculator (provided) throughout the course.

College Math

Begins January 31st 12 weeks Tuesdays & Thursdays 5 - 7:00pm \$150

Are you thinking of attending community college? Are you concerned about your math skills? This course is designed to review essential algebra skills that will prepare students to pass placement tests and qualify for entry level college math courses. You can save time and money and avoid remedial math courses at the college level. This course is intended to meet the prerequisite for GBCC (Great Bay Community College). Topics to be covered include: fractions, decimals, percents, linear equations and inequalities, polynomials, exponents, graphing applications, rational expressions, systems of linear equations, radical expressions, quadratic equations and applications of algebra.

Biology

Begins January 31st 12 weeks Tuesdays & Thursdays 5 - 7:00pm \$150

The Biology course is a first-year course in biology at the high school level. Biology involves the scientific study of living organisms. The course considers the interactions among the vast number of organisms that inhabit planet Earth. It presents the basic form and function of these organisms, from cells to organ systems, from simple viruses to complex humans. The following topics are covered by the Biology course: basic chemistry; the structure, organization, and energetics of the cell; genetics; evolution; taxonomy; microorganisms; fungi; plant biology; animal biology; environmental biology.

Introduction to Machine Tool & CNC

Begins January 31st 12 weeks Tuesdays & Thursdays 5 - 8:30pm \$1500

Do you think it's time to hone your skills? Are you interested in machining? The manufacturing world is in need of machinists. This course is an introduction to the many areas of machining. You will learn how to run the engine lathe, mill, surface grinders, speeds and feeds, machine shop math, CAM, CNC lathe and mill. This is a hands on class, operating machines is what you will do.

Advanced Machine Tool & CNC

Begins January 31st 12 weeks Tuesdays & Thursdays 5 - 8:30pm \$1500

These one semester work-ready training program courses provide introductory skill development for professions in manufacturing. Each course covers critical processes of design, set-up and creation through hands-on lab instruction. Workforce Investment Act Funding Approved

Introduction to Psychology

Begins January 31st 12 weeks Mondays 5 - 7:30pm \$630

This course is an introduction to various areas of psychology, including scientific investigation and leading theories. Topics include, but are not limited to: motivation, emotions, personality, physiological foundations of behavior, psychological disorders and therapy, perception, learning, and human development. (Fulfills Social Science requirement.)

Intro to Computers

Begins January 31st 12 weeks Tuesdays 5 - 8:00pm \$630

As a foundation course to gain computer literacy, students will use a fully integrated, hands-on approach to understand the critical components of computer technology. Students will examine personal computer hardware and software components, gain proficiency in the Windows operating system environment, and learn the fundamental elements of Office Application Software including word processing, spreadsheets, presentation software, and database applications. Students will also explore various facets of the Internet including using the Internet for research, working with online learning tools, evaluating electronic information, safeguarding data, proper use of email, and other current web technologies. Prerequisite: Placement Testing or C or better in CIS097.

Enrichment Courses

Internet and E-mail

Begins January 30th 6 weeks Mondays 6 – 8:00pm \$40

Do your children or grandchildren seem to know more about the internet than you ever knew? Do you wish there was a way to know what all the talk is about? Step right up! In this introductory course, you will learn how to use email, setup an email address, search the internet and gain an understanding of the world-wide-web. Want to search for video? Want to steer clear of disreputable sites? Want to know why you should? This class will help you understand what everyone seems to know. This is a hands-on class; you **will** use a computer.

Microsoft Word

Begins January 31st 8 weeks Tuesdays 6 – 8:00pm \$60

This introductory course will help you improve your word processing skills using Microsoft Word -- the de facto standard for word processing in the workplace. Letters, memos, reports and tables will be created and edited. Spell checking and grammar checking will be reviewed. Styles and formats will be discussed and used. There will be integrated projects utilizing the internet. Open office programs (free word processing software) will be addressed. This is a hands-on class; you **will** use a computer. The day the course will be held depends on the turnout. Please indicate on the registration form which day(s) you prefer and which days are showstoppers.

Microsoft Excel

Begins January 31st 8 weeks Tuesdays 6 – 8:00pm \$60

This course is offered to enhance your spreadsheet skills by using Microsoft Excel -- the de facto standard for spreadsheet programs in the workplace. Electronic workbooks will be created and edited. Graphing and creating tables for use in presentations will be discussed. Functions included with Microsoft Excel will be utilized. Cash flow tables and formatting will be shown. Sorting and filtering will be used. Open office programs (free spreadsheet software) will be addressed. Examples from real life will be used provided students have problems to solve. This is a hands-on class; you **will** use a computer. The day the course will be held depends on the turnout. Please indicate on the registration form which day(s) you prefer and which days are showstoppers.

Microsoft Powerpoint

Begins January 31st 8 weeks Tuesdays 6 – 8:00pm \$60

Microsoft Powerpoint is software for making presentations. This course is for those students wishing to jazz up their skills using Microsoft Powerpoint. Embedded tables, graphs and reports will be created and edited. Tips on making presentations will be shown. Adding clip art and animations to presentations will be addressed. This is a hands-on class; you **will** use a computer. The day the course will be held depends on the turnout. Please indicate on the registration form which day(s) you prefer and which days are showstoppers.

Microsoft Access

Begins February 1st 8 weeks Wednesdays 6 – 8:00pm \$60

This course is designed for those students wishing to learn introductory database techniques using Microsoft Access. Queries and tables will be the primary emphasis. Forms and reports will be discussed. How to review and analyze data and then clean it up will be shown. Importing and exporting data is critical; this will be touched on. Where to find data to support a position will be addressed. There will be integrated projects utilizing the use of the internet. Examples from real life will be used provided students have problems to solve. The day the course will be held depends on the turnout. Please indicate on the registration form which day(s) you prefer and which days are showstoppers.

Beginning Bridge

Begins January 31st 8 weeks Tuesday 6 – 8:00pm \$60

Are you interested in learning how to play Bridge? This is the class for you! Contract bridge will be the focus. This course starts at the beginning and moves forward to point counting and bidding conventions. The play of the cards in relation to the auction is discussed. Scoring is detailed for the beginner.

Beginning Chess

Begins February 2nd 8 weeks Thursdays 6 – 8:00pm \$60

Are you interested in learning how to play Chess? This course starts with the board, the pieces and basic strategy. It moves into chess notation and basic play. More complex openings will be discussed along with a few defenses. We will review some famous games to learn the decision making process. Different chess software will be reviewed for use.

Digital Photography

Begins January 31st 8 weeks Tuesday 5 – 7:00pm \$75

This course is designed to teach you the basics of running your digital camera, how to set up a great photograph and what to do with the digital files your camera creates. The focus will be on handling digital files during and after taking the picture. Technical information on lighting, composition, subject matter and more will be covered. Techniques of photography will be touched on. Students are encouraged to participate with an open mind. You must bring your own digital camera and its manual to the first class. Requirements: All students must have a digital camera, its manual and a thumb drive.

Taking Charge of Your Wellness

Begins January 31st 8 weeks Tuesday 5 – 7:00pm \$60

Are you ready to unclutter your life and enhance your well-being? You are invited to participate in this light-hearted and non-judgmental opportunity to define what "well-being" means to you and to get ideas on how to: organize your priorities, navigate around the roadblocks to wellness, and set your OWN meaningful and attainable goals. This is not: counseling, a yoga class or a lecture series! It is a fun, interactive, empowering, realistic and relaxed place to collect some tools to help you enhance YOUR life -- on YOUR terms! This course is ideally suited to individuals who have the desire to make changes in their lives to enhance their overall well-being but could use some tools and strategies to make it happen. The course should not be viewed as a source of counseling or legal or medical advice.

CPR/AED Certification

Begins January 31st 2 weeks Tuesday 5 – 7:00pm \$50

Does your job or career field request CPR/AED certification? Too many people, when faced with the situation, are prone to do what they see on TV which can actually cause the situation to worsen. This is an approved American Heart Association certification course. You will have the option of purchasing a book for study or reference at the first class. Successful completers of this course will receive certificate of completion.

Hula Hoop Fitness

Begins January 31st 6 weeks Tuesday 6 – 8:00pm \$60

Hula hoop fitness is a new craze developed from an old classic. The hula hoop has been popular for decades and is now making a comeback for exercise classes. Incorporating rhythm, cardio and strength training as well as muscle toning exercises, hula hoop fitness can serve as an alternative to traditional workouts. Because they offer classes for a variety of skill levels, you can enjoy the benefits even as a beginner.

Jewelry Making

Begins February 2nd 8 weeks

Thursday 4 – 6:00pm

\$80

Students will explore various technical techniques in jewelry making. Students will learn various skills that professional jewelers use such as lost wax casting, pewter casting, riveting, and metal fabrication. Students will create exciting and creative works of art that they will keep at the end of the course including a silver ring. Emphasis will be placed on development of jewelry pieces, creative design and artistic expression.