

LAH-1020
Survey of Latin American History

3 Credits

To examine the major events in the history of Latin American countries from the colonial period to the present with special emphasis on social, cultural, political, and economic development.

LDE-1310
Irrigation & Water Management

3 Credits

Focuses on the major aspects of irrigation. Topics include water quality and treatment, irrigation design, installation tools and techniques, drainage and retention ponds, watering techniques for turf and plant quality, and conservation.

LIN-1670
English Grammar & Usage

3 Credits

Provides an intensive study of traditional grammar usage and mechanics for those students who desire to improve both their understanding and use of English. Provides an in-depth review of grammar to returning students. Complements English composition courses.

Prerequisites: College level reading and writing skills are required

LIN-1670H
Honors English Grammar and Usage

3 Credits

Same as LIN-1670 with honors content. Honors Institute permission required.

Prerequisites: College level reading and writing skills are required.

LIT-2110
World Literature to 1650

3 Credits

Focuses on the major periods and forms in literature from Greek and Roman Classicism through the Renaissance, excluding British and American literature. Topics will include the cultural background of each period and the distinctive characteristics of each style and genre.

Prerequisite: College level reading and writing skills are required.

LIT-2110H
Honors World Literature to 1650

3 Credits

Same as LIT-2110 with honors content. Honors Institute permission required.

Prerequisite: College level reading and writing skills are required.

LIT-2120
World Literature: 1650 to Present

3 Credits

Focuses on literature from the Renaissance to now.

Prerequisite: College level reading and writing skills are required.

LIT-2120H
Honors World Literature: 1650 to Present

3 Credits

Same as LIT-2120 with honors content. Honors Institute permission required.

Prerequisite: College level reading and writing skills are required.

LIT-2370
Introduction to the Bible as Literature

3 Credits

Introduces the student to the study of the Bible from a literary point of view using current critical writings as a resource. As such, the course will establish a foundation for an understanding of the Old and New Testaments from an historical, philosophical and literary perspective.

Prerequisite: ENC-1101 or permission of the instructor

MAC-1105
College Algebra

3 Credits

Provides students with the opportunity to gain algebraic knowledge needed for many fields such as engineering, business, science, computer technology, and mathematics. Graphical and numerical methods support the study of functions and their corresponding equations and inequalities. Students will study linear, quadratic, polynomial, rational, exponential, logarithmic, inverse, composite, radical, and absolute value functions; systems of equations and inequalities modeling applied problems; and curve fitting techniques.

Previous credit in any MAC course precludes credit in MAC-1105

Prerequisite: MAT-1033, minimum grade of C or better.

MAC-1114
Trigonometry

3 Credits

Major topics include trigonometric functions, their properties and graphs; inverse trigonometric functions, their properties and graphs conditional trigonometric functions; solutions of triangles; vector algebra parametric equations polar coordinates; applications.

Previous credit for MAC 1147 precludes credit for MAC 1114.

Prerequisite: MAC-1105, minimum grade of C or better or appropriate score on HCC placement test.

MAC-1140
Pre-Calculus Algebra

3 Credits

Major topics include polynomial, rational, and other algebraic functions, their properties and graphs; polynomial and rational inequalities exponential and logarithmic functions, their properties and graphs; piecewise defined functions; conic sections; matrices and determinants sequences and series; mathematical induction binomial theorem; applications.

Previous credit for MAC 1147 precludes credit for MAC 1140.

Prerequisite: MAC-1105, with a grade of C or better or appropriate score on HCC placement test.

MAC-1147
Pre-Calculus Algebra/Trigonometry

5 Credits

Major topics include polynomial, rational, and other algebraic functions, their properties and graphs; polynomial and rational inequalities exponential and logarithmic functions, their properties and graphs; piecewise defined functions; trigonometric functions of real numbers; radians and angles; identities in one and two variables; applications to right triangles and oblique triangles; trigonometric equations polar representation of complex numbers; conic sections; matrices and determinants; vectors in the plane; parametric equations; sequences and series; mathematical induction; binomial theorem applications.

Previous credit for MAC 1114 or MAC 1140 precludes credit for MAC 1147.

Prerequisite: MAC-1105; Minimum grade B or better or appropriate score on HCC placement test.

MAC-2233**Calculus for Business & Social Sciences**

3 Credits

Provides a review of functions and an introduction to limits, with an emphasis on differentiation and integration of algebraic, exponential and logarithmic functions. Topics are directed toward applications in business, economics, social and behavioral sciences.

Previous credit for MAC 2311 precludes credit for MAC 2233.

Prerequisite: MAC-1105 with a grade of C or better or appropriate score on HCC placement test.

MAC-2311**Calculus & Analytical Geometry I**

5 Credits

Focuses on limits, continuity, derivatives, extreme value theorem, mean value theorem, differentials, integration and the fundamental theorem, with an emphasis on sine, cosine and algebraic functions. Topics include rate of change, related rates, extreme values, curve sketching, areas, arc length, work, moments and center of mass, rectilinear motion, liquid pressure and volumes.

Prerequisites: MAC-1140 and MAC-1114 or MAC-1147 with a grade of C or better or appropriate score on HCC placement test.

MAC-2311H**Honors Calculus/Analytical Geometry I**

5 Credits

Same as MAC 2311 with honors content. Honors Institute permission required.

MAC-2312**Calculus & Analytical Geometry II**

5 Credits

A continuation of MAC 2311. Focuses on differentiation and integration of trigonometric, logarithmic, exponential and hyperbolic functions, integration techniques, indeterminate forms and improper integrals, sequences and series, polar coordinates, conics, rotation of axes and parametric equations.

Prerequisites: MAC-2311, with a grade of C or better.

MAC-2312H**Honors Calculus & Analytical Geometry II**

5 Credits

Same as MAC-2312 with honors content. Honors Institute permission required.

Prerequisite: MAC-2311; Minimum grade of C or better.

MAC-2313**Calculus & Analytical Geometry III**

5 Credits

A continuation of MAC 2312. Focuses on arc length and surface area, vectors in two and three-dimensional space, planes, lines and surfaces in three-dimensional space, functions of more than one variable, partial derivatives, double and triple integrals and their applications, cylindrical and spherical coordinates, vector fields, line integrals, Green's theorem and Stoke's theorem.

Prerequisite: MAC-2312

MAD-2104**Discrete Mathematics I**

3 Credits

Focuses on sets, relations, functions, combinatorics, graphs, trees, recursion and formal logic. Designed for students majoring in computer science, engineering, mathematics, and other technical fields.

Prerequisite: MAC-1140; Minimum grade of C or better.

MAE-2801**Elementary School Mathematics**

3 Credits

Mathematics appropriate for the elementary school teacher and teacher of students with special needs. Topics include but are not limited to sets of numbers, concepts, number systems, and geometry. Mathematics content and methods of teaching for any elementary grade level will be stressed.

MAN-1021**Principles of Management**

3 Credits

Presents basic management principles, including managerial duties and sound management practices.

MAN-1949**Management Internship**

3 Credits

A coordinated work-study course involving classwork and field experience. Objectives determined by the student and teacher-coordinator will be used to evaluate the student. This course may be repeated six times for credit.

Credit for this course does NOT apply to the Associate in Arts degree.

MAN-2604**Intercultural Relations in Business**

3 Credits

Prepares students for entry-level positions in international business; for those in the international business environment to broaden their knowledge and to acquire additional skills required for career advancement; and to provide academic opportunities for understanding intercultural relations in international business in the global economy of the world.

Prerequisite: PSY-2012 or ANT-2000

MAN-2761**Strategic Business Management and Leadership**

3 Credits

This course examines techniques to creatively vision and analyzes the future to prepare individuals and organizations for future opportunities and threats. Designed to familiarize students with techniques for analyzing the future, critical issues, how the future will impact them as individuals. This course will expand the concepts in principles of management (man 1021) by focusing on strategies for effective planning management and leadership.

MAP-2302**Differential Equations**

3 Credits

Covers first order differential equations including those with separable variables, homogeneous and exact equations and equations made by an integrating factor. Topics include linear differential equations of higher order and their solutions including both homogeneous and non-homogeneous equations, differential operators, Laplace transforms, and series solutions and applications. Designed for engineering and mathematics majors.

Prerequisite: MAC-2312; Minimum grade of C or better

MAR-1011**Principles of Marketing**

3 Credits

An introduction to marketing, covering consumers, product development and pricing, with an Emphasis is on decision-making and marketing strategy.

MAR-2156

International Marketing

3 Credits

Offered as a required course for the International Business student to provide an understanding of international marketing concepts, trade organizations, cultural elements, business customs and practices, political and legal environment related to the international marketplace, marketing and distribution channels, promotions, market research, and market entry strategies.

Prerequisite: MAR-1011

Credit for this course does NOT apply to the Associate in Arts degree.

MAS-2103

Linear Algebra

3 Credits

Focuses on vectors, vector spaces, linear equations, Gauss-Jordan elimination, operations on matrices, determinants, Cramer's rule, linear independence, sub-spaces, bases, coordinate vectors, inner product spaces, Gram-Schmidt process, linear transformations, eigenvalues, eigenvectors, and characteristic polynomial and linear programming. Designed for engineering and mathematics majors.

Prerequisite: MAC-2312; Minimum grade of C

MAT-0012

Pre-Algebra

4 Credits

Focuses on manipulative skills. Topics include prime numbers, prime factorization, the base ten number system, fractions, decimals and integers, square roots, exponents, use of percent, formulas, measurement, properties of triangles, order of operations, basic linear equations, and introductory algebra. Designed as a preparation for Beginning Algebra.

Compensatory credit only. Credit for MAT-0002C precludes credit for MAT-0012.

Prerequisites: College level reading and writing skills are required.

MAT-0024

Beginning Algebra

4 Credits

Provides an introduction to algebra. Topics include basic linear equations, properties of real numbers, operations involving exponents and polynomials, factoring, quadratic equations, literal equations, systems of linear equations, rational expression equations, applications, graphing equations and inequalities, radical simplification and radical equations.

Prerequisites: College level math skills are required.

MAT-1033

Intermediate Algebra

3 Credits

Topics include relations, functions, polynomial operations, factoring, absolute value, rational expressions, equations (linear, quadratic, radical, rational), systems of equations, inequalities, exponents, radicals, graphs of linear equations and inequalities in two variables, complex numbers, and applications. Elective Credit only. No credit given if student has prior credit for any MAC course.

Prerequisites: College level math skills are required.

MCB-1000

Microbiology & Human Disease

3 Credits

Intended for biology and allied health majors. Focuses on disease states, bacteria, viruses, fungi, rickettsiae and other pathogenic organisms. Topics will include problems of sterilization, infections, resistance, diagnostic testing and immunization.

Prerequisites: College level reading and writing skills are required.

Corequisite: MCB-1000L

MCB-1000L

Microbiology Laboratory

1 Credit

A special fee will be charged for this course.

Prerequisites: College level reading and writing skills are required.

Corequisite: MCB-1000

MCB-1060

Food Microbiology

3 Credits

This course offers detailed examination of the principles of good microbiology and their application to current food technology. Additional topics covered will be good and enzymes produced by microorganisms, good in relation to disease, good sanitation control and inspection and the Food Additives Amendment of the Federal Good, Drug and Cosmetic Act.

Corequisite: MCB-1060L

MCB-1060L

Food Microbiology Laboratory

1 Credit

This course is designed to accompany MCB 1060.

Aseptic techniques and the culturing of microorganisms are presented. Various techniques for culturing foods, performing food counts, preparing food using microorganisms, and sampling the environment for microorganisms are presented.

Corequisite: MCB-1060

MCB-2010

General Microbiology

3 Credits

Focuses on a survey of general topics in microbiology needed by students majoring in biology, microbiology and allied health. Emphasis is given to the structures, functions, classification, metabolism and genetics of microorganisms. The course explores the interaction between infectious microorganisms and the human body including a survey of typical infectious diseases.

Prerequisite: BSC-1010

Corequisite: MCB-2010L

MCB-2010L

General Microbiology Laboratory

1 Credit

Prerequisite: BSC-1010L

Corequisite: MCB-2010

MET-2010C

Meteorology

3 Credits

A one semester course for non-science majors that focuses on the physical properties and dynamics of the atmosphere. Topics include the origin and evolution of the atmosphere, storms and severe weather, weather forecasting and analysis, and the impact of weather and climate on humankind.

Prerequisites: College level reading, writing and math skills are required.

MGF-1106**Mathematics for Liberal Arts I**

3 Credits

Topics include finite and infinite sets, logic, deductive and inductive reasoning, geometry, counting methods, probability, statistics, and bases of number systems. These topics will be helpful in developing a broader base of mathematical knowledge and also in preparing for the mathematics portion of the College Level Academic Skills Test (CLAST). This course may be used to satisfy part of the mathematics general education requirement for the A.A. degree. This course may be waived with a grade of C or better in any course with a prefix of MAD, MAP, MAS, or MAC.

(Previous credit for MGF 1202 precludes credit for MGF 1106.)

Prerequisites: MAT-1033 with a grade of C or better, or appropriate score on HCC placement test. College level math skills are required.

MGF-1107**Mathematics for Liberal Arts II**

3 Credits

Topics will be chosen from the following: financial mathematics; sequences and series; elementary number theory; history of mathematics; linear and exponential growth; voting theory; chaos and fractals; reflections and translations in geometry; graph theory; game theory; and mathematical use of calculators and computers. These topics will be helpful in developing a broader base of mathematical knowledge. This course may be used to satisfy part of the mathematics general education requirement for the A.A. degree.

Prerequisites: MAT-1033 with a grade of C or better, or appropriate score on HCC placement test.

MGF-1107H**Honors Mathematics for Liberal Arts II**

3 Credits

Same as for MGF-1107 with honors content. Honors Institute permission required.

MGF-1119**Introductory Math With Applications**

3 Credits

Focuses on sets, probability, statistics, metric measurement, geometry, syllogisms and consumer mathematics, with an emphasis on problem solving, reasoning, and the use of a calculator. Credit for this course does not contain CLAST topics of MGF 1202.

Prerequisite: MAT-0024C; Minimum grade of C or better

Credit for this course does NOT apply to the Associate in Arts degree.

MGF-2118**CLAST Math Review**

1 Credit

Provides preparation for the College Level

Academic Skills Test (CLAST), with an emphasis on CLAST competencies. Recommended for students who have failed the computational portion of the Progress Assessment Test (PAT).

MKA-1041**Introduction to Retailing**

3 Credits

Covers the retailing field from the perspective of a retail manager and is directed toward new

employees and those involved in the total operation of the store. Topics include personnel, inventory and accounting management, buying, selling and displays.

Credit for this course does NOT apply to the Associate in Arts degree.

MKA-1949**Marketing Internship**

3 Credits

A coordinated work-study course involving classwork and field experience. Objectives determined by the student and teacher-coordinator will be used to evaluate the student. This course may be repeated six times for credit.

Credit for this course does NOT apply to the Associate in Arts degree.

MKA-2021**Salesmanship**

3 Credits

Covers the basic principles of selling, with an emphasis on finding and qualifying prospects, obtaining the sale and closing it. Techniques are taught through demonstrations, projects and case studies.

Credit for this course does NOT apply to the Associate in Arts degree.

MKA-2105**Marketing Problems**

3 Credits

Focuses on using marketing methods to solve merchandising problems.

Credit for this course does NOT apply to the Associate in Arts degree.

MKA-2162**Creative Selling**

3 Credits

Provides a comprehensive review of effective techniques and procedures for selling customer services. Upon successful completion of this course, the student should be able to describe the process of successful selling in the customer services environment. In addition, the student should be able to define the steps of selling and identify appropriate application. The student will also be able to apply selling principles through role play.

Prerequisite: College level reading skills are required.

Credit for this course does NOT apply to the Associate in Arts degree.

MMC-2000**Introduction to Mass Communications**

3 Credits

Provides an overview of the background, role, and responsibilities of the mass media; focuses on analyzing and evaluating techniques. Topics include print and electronic media and film.

MMC-2100**Writing for Mass Communication**

3 Credits

Covers the basic techniques used in preparing copy for mass media including the fundamental journalistic skills used in writing for newspapers, magazines, radio, television, public relations and advertising.

Prerequisites: ENC-1101 and MMC-2000

MNA-1161**Human Relations and Customer Service**

3 Credits

Develops the human relations skills necessary for success in customer service occupations. Covers all types of interactions among people—their conflicts, cooperative efforts, and group relationships. The study of human relations emphasizes the analysis of human behavior, prevention strategies, and resolution of behavioral problems. Topics will include how people satisfy both personal growth needs and organizational goals in their careers.

Credit for this course does NOT apply to the Associate in Arts degree.

MNA-1162**Introduction to Customer Service Technology**

3 Credits

Describes the process of functioning effectively in a services economy. Defines and describes the nature and characteristics of services and the ways services need to be marketed due to their intangible core. Topics include service quality, the foundation of services marketing, and the success factors in service marketing.

Credit for this course does NOT apply to the Associate in Arts degree.

MNA-1320**Human Resources Recruitment, Interviewing and Selection**

3 Credits

Provides a detailed overview of staffing activities crucial to organization performance. within the context of current law and regulations, the focus will be on the assessment of staffing needs, recruitment strategies, interviewing techniques, selection tools and methods, planning and implementation of staffing policies.

Credit for this course does NOT apply to the Associate in Arts degree.

MNA-1325**Human Resource Statistical Analysis, Compensation, and Benefits**

3 Credits

An examination of the compensation systems in large and small organizations, the methods and implications of making wage and salary decisions, and the use of statistical analysis in decision making. Topics include: job analysis, job evaluation, wage surveys, incentives, pay equity, benefits and compensation strategy, and legal perspectives.

Credit for this course does NOT apply to the Associate in Arts degree.

MNA-1402**Negotiations in the Purchasing Function**

3 Credits

Defines and identifies the types of negotiations necessary to the purchasing functions. Explores the planning needed for negotiations, and the legal management of the negotiations process.

Credit for this course does NOT apply to the Associate in Arts degree.

MNA-2104**Team Building & Dynamics**

3 Credits

Describes the basic concepts, processes and principles of team building and team dynamics. Team leadership skills are emphasized. The skills included are total quality management, effective teamwork behavior, brainstorming, and group problem solving. Goal theory and the visioning process will be emphasized to increase organizational productivity through self-evaluation and the use of strategies to achieve individual and group goals.

Credit for this course does NOT apply to the Associate in Arts degree.

MNA-2163**Customer Service Evaluation**

2 Credits

Focuses on techniques for measuring the effectiveness of various customer services. An overview of designing and analyzing customer service questionnaires will be presented. Covers current practices of monitoring customer satisfaction for continuous improvement and the skills and techniques needed to conduct cost studies of service operations. The case study methodology will be utilized.

Prerequisite: MAR-1011

Credit for this course does NOT apply to the Associate in Arts degree.

MNA-2164**Customer Service Operation I**

3 Credits

Provides an introduction to customer service operations such as customer service operations terminology, customer service audits, security procedures and detection of fraud and theft, and financial forecasts and budgets for customer service offerings. An overview of customer service operations in banking/financial services, leisure services, insurance, and retail will be presented.

Credit for this course does NOT apply to the Associate in Arts degree.

MNA-2165**Customer Service Operation II**

2 Credits

Continuation of advanced customer service operations in the banking/financial services, leisure services, insurance and retail environment. Management information systems skills are emphasized. the skills included are the coordinated arrangement of gathering, collating, and distributing information that allows managers to make decision, solve problems, and carry out their functions and operations effectively and efficiently.

Prerequisite: MNA-2164

Credit for this course does NOT apply to the Associate in Arts degree.

MNA-2166**Tele-Service Communication Skills**

3 Credits

Describes the process of successful communication in the tele-service field. In addition, the principles of tele-client service are defined and the appropriate applications identified. Topics include telecommunications in business, communications systems and equipment, basic telephone communication skills, professional telephone management, international telephone communications and telemarketing.

Credit for this course does NOT apply to the Associate in Arts degree.

MNA-2313**Creative Decision Making**

3 Credits

Focuses on the development of a contemporary approach to problem solving and decision making by combining knowledge and experience with new attitudes.

Credit for this course does NOT apply to the Associate in Arts degree.

MNA-2400**Industrial Relations**

3 Credits

An in-depth study of labor-management relations and the historical, legal and structural factors influencing the behavior of both management and labor. Emphasis is on negotiation, administration and content of labor-management agreements.

Credit for this course does NOT apply to the Associate in Arts degree.

MNA-2590**Purchasing, Materials and Inventory Control I**

3 Credits

Presents the modern principles and practices of purchasing and materials management, with an emphasis on reasons for using special procedures.

Credit for this course does NOT apply to the Associate in Arts degree.

MNA-2592**Materials Flow & Inventory Control**

3 Credits

Covers topics in principles of materials management, elements of MRP, JIT, and transportation considerations. Involves concepts and procedures in inventory control, determining the cost of inventories, and applying computer-based systems.

Credit for this course does NOT apply to the Associate in Arts degree.

Prerequisite: MNA-2590

MNA-2595**Planning and Forecasting in Materials Management**

3 Credits

Focuses on major forecasting techniques and the development, coordination and implementation of a strategic plan.

Credit for this course does NOT apply to the Associate in Arts degree.

MNA-2930**Special Topics in Customer Service**

2 Credits

This final academic course will serve as the capstone of the Customer Service Technology Program. The systems and methods of successful and innovative customer service organizations will be analyzed. Current topics in customer service will be presented. Students will research and analyze trends in the customer service industry.

Prerequisites: MNA-2163, MNA-2104 and OST-2303

Credit for this course does NOT apply to the Associate in Arts degree.

MNA-2940**Customer Service Internship I**

1 Credit

An introductory coordinated work-study course involving field experience. Objectives determined by the student and teacher-coordinator will be used to evaluate the student. The student will combine academic training and practical application through employment or job-shadowing in the customer service industry.

Credit for this course does NOT apply to the Associate in Arts degree.

MSL-1001**Foundations of Officership**

2 Credits

Examines the unique duties and responsibilities of officers, organization and role of the Army, review skills pertaining to fitness and communication, analyze Army values and expected ethical behavior.

MSL-1001L**Foundations of Officership Laboratory**

0 Credits

Examines the unique duties and responsibilities of officers, organization and role of the Army, review skills pertaining to fitness and communication, analyze Army values and expected ethical behavior.

MSL-1002**Basic Leadership**

2 Credits

Presents fundamental leadership concepts and doctrine, practice basic skills that underlie effective problem solving, examine the officer experience.

MSL-1002L**Basic Leadership Laboratory**

0 Credits

Presents fundamental leadership concepts and doctrine, practice basic skills that underlie effective problem solving, examine the officer experience.

MSL-2101**Individual Leadership Studies**

2 Credits

Develops knowledge of self, self-confidence, and individual leadership skills, develop problem solving and critical thinking skills, apply communication, feedback, and conflict resolution skills.

MSL-2101L**Individual Leadership Laboratory**

0 Credits

Develops knowledge of self, self-confidence, and individual leadership skills, develop problem solving and critical thinking skills, apply communication, feedback, and conflict resolution skills.

MSL-2102**Leadership and Teamwork**

2 Credits

Focuses on self-development guided by knowledge of self and group processes, challenges current beliefs, knowledge, and skills.

MSL-2102L**Leadership and Teamwork Laboratory**

0 Credits

Focuses on self-development guided by knowledge of self and group processes, challenges current beliefs, knowledge, and skills.

MSL-2900**Army Physical Readiness**

1 Credit

This course will train students in the unique role of Army physical readiness in sustaining military operations. Students will plan, prepare and conduct military fitness training. Student can receive one credit per semester for up to four semesters.

MTB-1103**Mathematics for Business**

3 Credits

Focuses on depreciation, overhead allocation, sales and property taxes, insurance, wages and payrolls, trade and cash discounts, markup and markdown, simple and compound interest, present value, bank discount, installment purchasing and annuities.

Prerequisite: MAT 0024C

Credit for this course does NOT apply to the Associate in Arts degree.

MTB-1304**Using a Graphing Calculator**

1 Credit

Covers the basic use of graphing calculators with an emphasis on the TI-86 calculators. Topics include: basic operations, evaluating expressions, tables, solving linear and nonlinear equations and inequalities, graphs of linear, polynomial, rational and piece-wise defined functions, and identifying the characteristics of graphs. NOTE: A graphing calculator is required.

Prerequisite: MAT 0024C with a grade of C or better, or appropriate scores on the HCC placement test.

MTB-1327**Electronics Mathematics**

4 Credits

Focuses on the basic algebraic and trigonometric skills required in the study of electronics. topics include algebraic operations, equations, and fractions. Also included are solving simultaneous linear equations, trigonometric functions, right triangle applications, vectors, phasor algebra, and logarithms.

Prerequisite: MAT-0024C

Credit for this course does NOT apply to the Associate in Arts degree.

MTG-2204
Geometry for Teachers

3 Credits

Designed for middle and high-school teachers, emphasizes Euclidean geometries. The problems, proofs, and constructions involve line segments, angles, triangles, polygons, circles, parallel lines and similarities. Credit for this course may not be used to meet General Education requirements for the A.A. degree.

MUL-1010
Introduction to Music

3 Credits

Covers the basic principles of music and techniques for listening to music, with an emphasis on Western music from the 17th century to the present.

Prerequisites: College level reading and writing skills are required.

MUM-1623
Electronic Music: Introduction to MIDI

3 Credits

An introduction to electronic music composition through lecture and studio instruction, with an emphasis on the MIDI system, in conjunction with computers and the digital synthesizer.

Prerequisite: MUT-1111

MUN-1120
Concert Band I

1 Credit

Provides for participation in a concert band which performs traditional and contemporary music. This course may be repeated four times for credit.

MUN-1310
Chorus

1 Credit

Provides for participation in a chorus which performs a variety of music at college and public functions. This course may be repeated four times for credit.

MUN-1340
Vocal Ensemble

1 Credit

Provides for participation in small performing groups and includes the study of traditional and contemporary music. This course may be repeated four times for credit.

MUN-1410
String Ensemble

1 Credit

Provides for participation in small instrumental groups and includes the study of traditional and contemporary music. This course may be repeated four times for credit.

MUN-1420
Woodwind Ensemble

1 Credit

Provides for participation in small instrumental groups and includes the study of traditional and contemporary music. This course may be repeated four times for credit.

MUN-1430
Brass Ensemble

1 Credit

Provides for participation in small instrumental groups and includes the study of traditional and contemporary music. This course may be repeated four times for credit.

MUN-1440
Percussion Ensemble, Small Ensemble

1 Credit

Provides for participation in small instrumental groups and includes the study of traditional and contemporary music. This course may be repeated four times for credit.

MUN-1450
Piano Ensemble

1 Credit

Designed to assist the pianist in learning how to perform in ensemble with other musicians. Repertoire will include piano duet and duo-piano works from the standard repertoire. May be repeated for credit each semester.

Prerequisite: Approval of instructor.

MUN-1710
Stage Band I Major Ensemble

1 Credit

Provides for participation with a select group of musicians who perform contemporary jazz and stage band music. This course may be repeated four times for credit.

MUO-1001
Musical Theatre Workshop

2 Credits

Open to those interested in Musical Theatre with approval of the instructor. Includes development of musical theatre repertoire, acting and movement performance skills. May include mock auditions or a public performance. This class is a performance class and participation is required. May be repeated for credit.

MUS-1010
Recital Attendance

0 Credits

Students in this course are required to attend recitals and concerts approved by the Hillsborough Community College, Ybor City School of Visual and Performing Arts Music Department. This course is required of all students enrolled in Applied Music, principal instrument (or voice) courses. It is a non-credit S/U (Satisfactory/Unsatisfactory) course.

MUT-1001
Fundamentals of Music

3 Credits

Focuses on music fundamentals for non-music majors, with an emphasis on reading music, keys, scales, simple chords and their practical application.

MUT-1111
Music Theory I

3 Credits

Covers the rudiments of music, with an emphasis on major and minor scales, rhythmic and melodic notation, triads, intervals, cadences, chords and inversions and four-part music writing. Topics include the development of aural and visual skills in music reading, rhythmic, melodic and harmonic dictation and the practical application of basic harmonic principles.

MUT-1241L

MUT-1112
Music Theory II

3 Credits

A continuation of MUT 1111.

Corequisite: MUT-1242L

MUT-1241L
Sight Singing & Ear Training I

1 Credit

Trains students to visually and aurally recognize the melodic, rhythmic and harmonic patterns studied in Theory I, translate patterns from aural stimulus to notation and visual/cognitive stimulus to performance in real time.

Corequisite: MUT-1111

MUT-1242L
Sight Singing & Ear Training II

1 Credit

Trains students to visually and aurally recognize the melodic, rhythmic and harmonic patterns studied in Theory II, translate patterns from aural stimulus to notation and visual/cognitive stimulus to performance in real time.

Corequisite: MUT-1112

MUT-2116
Music Theory III

3 Credits

Focuses on the development of music from Beethoven through the 20th century, with an emphasis on the techniques of four-part harmonization, including triads and chords, with an introduction to counterpoint.

Corequisite: MUT-2246L

MUT-2117
Music Theory IV

3 Credits

A continuation of MUT 2116.

Corequisite: MUT-2247L

MUT-2246L
Sight Singing & Ear Training III

1 Credit

Trains students to visually and aurally recognize the melodic, rhythmic and harmonic patterns studied in Theory III, translate patterns from aural stimulus to notation and visual/cognitive stimulus to performance in real time.

Corequisite: MUT-2116

MUT-2247L
Sight Singing & Ear Training IV

1 Credit

Trains students to visually and aurally recognize the melodic, rhythmic and harmonic patterns studied in Theory IV, translate patterns from aural stimulus to notation and visual/cognitive stimulus to performance in real time.

Corequisite: MUT-2117

MVB-1011
Pre-Principal Freshman Trumpet (A)

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisites: MUS-1010 and MUT-1001

MVB-1011
Pre-Principal Freshman Trumpet (B)

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester

college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010

MVB-1012
Pre-Principal Freshman Horn (A)

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010 and MUT-1001

MVB-1012
Pre-Principal Freshman Horn (B)

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010

MVB-1013
Pre-Principal Freshman Trombone (A)

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisites: MUS-1010 and MUT-1001

MVB-1013
Pre-Principal Freshman Trombone (B)

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010

MVB-1014
Pre-Principal Freshman Baritone (A)

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisites: MUS-1010 and MUT-1001

MVB-1014**Pre-Principal Fresh Baritone (B)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010

MVB-1015**Pre-Principal Freshman Tuba (A)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010 and MUT-1001

MVB-1015**Pre-Principal Freshman Tuba (B)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010

MVB-1211**Secondary Freshman Trumpet**

1 Credit

This course is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVB-1212**Secondary Freshman Horn**

1 Credit

This course is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVB-1213**Secondary Freshman Trombone**

1 Credit

This course is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVB-1214**Secondary Freshman Baritone**

1 Credit

This course is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVB-1215**Secondary Freshman Tuba**

1 Credit

This course is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVB-1311**Principal Freshman Trumpet**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVB-1312**Principal Freshman Horn**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVB-1313**Principal Freshman Trombone**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVB-1314**Principal Freshman Baritone Horn**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVB-1315**Principal Freshman Tuba**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVB-2221**Secondary Sophomore Trumpet**

1 Credit

This course is a continuation of MV_222X and is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVB-2222**Secondary Sophomore Horn**

1 Credit

This course is a continuation of MV_222X and is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVB-2223**Secondary Sophomore Trombone**

1 Credit

This course is a continuation of MV_222X and is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVB-2224**Secondary Sophomore Baritone**

1 Credit

This course is a continuation of MV_222X and is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVB-2225**Secondary Sophomore Tuba**

1 Credit

This course is a continuation of MV_222X and is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVB-2321**Principal Sophomore Trumpet**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Prerequisite: MVB-1311

Corequisite: MUS-1010

MVB-2322**Principal Sophomore Horn**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Prerequisite: MVB-1312

Corequisite: MUS-1010

MVB-2323**Principal Sophomore Trombone**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Prerequisite: MVB-1313

Corequisite: MUS-1010

MVB-2324**Principal Sophomore Baritone Horn**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Corequisite: MUS-1010

Prerequisite: MVB-1314

MVB-2325**Principal Sophomore Tuba**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Corequisite: MUS-1010

Prerequisite: MVB-1315

MVK-1011**Pre-Principal Freshman Piano (A)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisites: MUS-1010 and MUT-1001

MVK-1011**Pre-Principal Freshman Piano (B)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010

MVK-1111**Freshman Class Piano**

1 Credit

Covers beginning piano skills for non-keyboard music majors by combining lecture and outside practice. This course may be repeated one time for credit.

MVK-1211**Secondary Freshman Piano**

1 Credit

This course is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVK-1311**Principal Freshman Piano**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVK-1811

Class Piano for Non-Music Majors

1 Credit

Beginning piano for the non-music major. This course may be repeated four times for credit.

MVK-2121

Sophomore Class Piano

1 Credit

Prepares the non-keyboard music major in basic piano proficiency. This course may be repeated one time for credit.

Prerequisite: MVK-1111

MVK-2221

Secondary Sophomore Piano

1 Credit

This course is a continuation of MV_222X and is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVK-2321

Principal Sophomore Piano

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Prerequisite: MVK-1311

Corequisite: MUS-1010

MVP-1011

Pre-Principal Freshman Percussion (A)

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010 and MUT-1001

MVP-1011

Pre-Principal Freshman Percussion (B)

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010

MVP-1211

Secondary Freshman Percussion

1 Credit

This course is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVP-1311

Principal Freshman Percussion

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVP-2221

Secondary Sophomore Percussion

1 Credit

This course is a continuation of MV_222X and is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVP-2321

Principal Sophomore Percussion

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Prerequisite: MVP-1311

Corequisite: MUS-1010

MVS-1011

Pre-Principal Freshman Violin (A)

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010 and MUT-1001

MVS-1011

Pre-Principal Freshman Violin (B)

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010

MVS-1012

Pre-Principal Freshman Viola (A)

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010 and MUT-1001

MVS-1012**Pre-Principal Freshman Viola (B)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010

MVS-1013**Pre-Principal Freshman Cello (A)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010 and MUT-1001

MVS-1013**Pre-Principal Freshman Cello (B)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010

MVS-1014**Pre-Principal Freshman String Bass (A)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010 and MUT-1001

MVS-1014**Pre-Principal Freshman String Bass (B)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010

MVS-1016**Pre-Principal Freshman Guitar (A)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010 and MUT-1001

MVS-1016**Pre-Principal Freshman Guitar (B)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010

MVS-1211**Secondary Freshman Violin**

1 Credit

This course is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVS-1212**Secondary Freshman Viola**

1 Credit

This course is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVS-1213**Secondary Freshman Cello**

1 Credit

This course is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVS-1214**Secondary Freshman String Bass**

1 Credit

This course is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVS-1216**Secondary Freshman Guitar**

1 Credit

This course is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVS-1311**Principal Freshman Violin**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVS-1312**Principal Freshman Viola**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVS-1313**Principal Freshman Cello**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVS-1314**Principal Freshman String Bass**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVS-1316**Principal Freshman Guitar**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVS-2221**Secondary Sophomore Violin**

1 Credit

This course is a continuation of MV_ 222X and is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVS-2222**Secondary Sophomore Viola**

1 Credit

This course is a continuation of MV_ 222X and is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVS-2223**Secondary Sophomore Cello**

1 Credit

This course is a continuation of MV_ 222X and is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVS-2224**Secondary Sophomore String Bass**

1 Credit

This course is a continuation of MV_ 222X and is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVS-2226**Secondary Sophomore Guitar**

1 Credit

This course is a continuation of MV_ 222X and is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVS-2321**Principal Sophomore Violin**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Prerequisite: MVS-1311

Corequisite: MUS-1010

MVS-2322**Principal Sophomore Viola**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Prerequisite: MVS-1312

Corequisite: MUS-1010

MVS-2323**Principal Sophomore Cello**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Prerequisite: MVS-1313

Corequisite: MUS-1010

MVS-2324**Principal Sophomore String Bass**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Prerequisite: MVS-1314

Corequisite: MUS-1010

MVS-2326**Principal Sophomore Guitar**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Prerequisite: MVS-1316

Corequisite: MUS-1010

MVV-1011**Pre-Principal Freshman Voice (A)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010 and MUT-1001

MVV-1011**Pre-Principal Freshman Voice (B)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010

MVV-1111**Elementary Voice**

1 Credit

Covers the fundamentals of voice production; designed as a secondary study for the applied piano music major, or as an elective for the non-music major. This course may be repeated four times for credit.

MVV-1211**Secondary Freshman Voice**

1 Credit

This course is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVV-1311**Principal Freshman Voice**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVV-2221**Secondary Sophomore Voice**

1 Credit

This course is a continuation of MV_222X and is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVV-2321**Principal Sophomore Voice**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Prerequisite: MVV-1311

Corequisite: MUS-1010

MVW-1011**Pre-Principal Freshman Flute (A)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010 and MUT-1001

MVW-1011**Pre-Principal Freshman Flute (B)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010

MVW-1012**Pre-Principal Freshman Oboe (A)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010 and MUT-1001

MVW-1012**Pre-Principal Freshman Oboe (B)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010

MVW-1013**Pre-Principal Freshman Clarinet (A)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010 and MUT-1001

MVW-1013**Pre-Principal Freshman Clarinet (B)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010

MVW-1014**Pre-Principal Freshman Bassoon (A)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010 and MUT-1001

MVW-1014**Pre-Principal Freshman Bassoon (B)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010

MVW-1015**Pre-Principal Freshman Saxophone (A)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010 and MUT-1001

MVW-1015**Pre-Principal Freshman Saxophone (B)**

2 Credits

This course is for the student who intends to be a music major, but who lacks the technique, music reading skills and/or performance experience proficiencies expected of a student wishing to register for the first semester college freshman level of applied music instruction. The course also serves those who are not music majors, but who wish to study an instrument on the college level. In such cases, enrollment is subject to space availability and instructor approval. Students may take two semesters, designated 'A' and 'B.'

Corequisite: MUS-1010

MVW-1211**Secondary Freshman Flute**

1 Credit

This course is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVW-1212**Secondary Freshman Oboe**

1 Credit

This course is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVW-1213**Secondary Freshman Clarinet**

1 Credit

This course is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVW-1214**Secondary Freshman Bassoon**

1 Credit

This course is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVW-1215**Secondary Freshman Saxophone**

1 Credit

This course is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVW-1311**Principal Freshman Flute**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVW-1312**Principal Freshman Oboe**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVW-1313**Principal Freshman Clarinet**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVW-1314**Principal Freshman Bassoon**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVW-1315**Principal Freshman Saxophone**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVW-2221**Secondary Sophomore Flute**

1 Credit

This course is a continuation of MV_222X and is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVW-2222**Secondary Sophomore Oboe**

1 Credit

This course is a continuation of MV_222X and is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVW-2223**Secondary Sophomore Clarinet**

1 Credit

This course is a continuation of MV_222X and is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVW-2224**Secondary Sophomore Bassoon**

1 Credit

This course is a continuation of MV_222X and is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVW-2225**Secondary Sophomore Saxophone**

1 Credit

This course is a continuation of MV_222X and is designed for the music major who wishes to study a secondary instrument, or for a student who has completed the MV_10XX level but still does not meet the requirements for entry to the MV_13XX level course. This course may be repeated one time for credit.

Corequisite: MUS-1010

MVW-2321**Principal Sophomore Flute**

2 Credits

Students must audition for placement in this course and will receive private instruction on one contact hour weekly. This course may be repeated one time for credit.

Prerequisite: MVW-1311

Corequisite: MUS-1010

MVW-2322**Principal Sophomore Oboe**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Prerequisite: MVW-1312

Corequisite: MUS-1010

MVW-2323**Principal Sophomore Clarinet**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Prerequisite: MVW-1313

Corequisite: MUS-1010

MVW-2324**Principal Sophomore Bassoon**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Prerequisite: MVW-1314

Corequisite: MUS-1010

MVW-2325**Principal Sophomore Saxophone**

2 Credits

Students must audition for placement in this course and will receive private instruction of one contact hour weekly. This course may be repeated one time for credit.

Prerequisite: MVW-1315

Corequisite: MUS-1010

NMT-1002**Introduction to Nuclear Medicine**

Technology

3 Credits

Focuses on the history of nuclear medicine, nuclear medicine procedures, basic concepts of radioactivity, radiation detection, instrumentation, radiation safety and production of radio-pharmaceuticals. Field trips to nuclear medicine training facilities are included.

Credit for this course does NOT apply to the Associate in Arts degree.