

**Rio Hondo Community College District
Curriculum Committee
Agenda
Wednesday, November 27, 2019 – Board Room**

I. CONTINUATION OF AGENDA FROM NOVEMBER 20, 2019

II. ACTION ITEMS

A) Approval of Consent Agenda:

B) Second Readings:

Item 1920-180

Credit Course Revision

AET 120 Introduction to Alternative Energy Technology

Units 3.0

Description

This course is an introductory course to provide students with working knowledge of present day energy systems, which will include an in-depth analysis of the design and installation of alternate energy systems. Topics will include: solar electrical systems, wind electrical systems, solar water heating systems, wind mechanical systems, small hydro-electrical systems, geothermal energy, fuel cells, biomass, energy storage and microgrids. Students will develop skills to construct an alternative energy system. This course is intended for students that are contemplating a career in the alternative energy industry.

Item 1920-181

New Credit Course

AUTO 143 Alternative Fuels Technician

Units 4.0

Description

This course covers gaseous alternative fuels as they pertain to use in modern vehicles. Various alternative fuels will be compared, such as compressed natural gas (CNG), liquefied natural gas (LNG), hydrogen, bio-fuel, LPG, etc. The theory of operation, system components, and the safe handling of these fuels are included. Students will develop skills in the area of vehicle preparation, system component identification, and repair procedures related to vehicles using alternative fuels. This course is designed for students and technicians working on stationary power engines, transportation and clean fuels seeking to improve skills related to the maintenance and repair of gaseous fuels. This course provides students with ASE F1 or H1 test prep information.

Item 1920-182

New Credit Course

BIOT 130 Fermentation Technology I

Units 5.0

Description

An introduction to fermentation technologies with an emphasis on batch yeast fermentations, especially those associated with the brewing of beer. The course will cover the history, development and current status of beer brewing, the biology and genetics of yeast, and the influence of raw materials on the final outcome of the brewing process. There will be an emphasis placed on the current technologies involved in modern small scale brewing. In addition, the use of yeast as a general agent of biological change will be discussed. The laboratory part of this course will emphasize the design, formulation and execution of a

specific product in a hands-on environment, to simulate current industry standards and practices. Field trips of industrial fermentation sites will be included.

Item 1920-183

New Credit Course

BIOT 230 Fermentation Technology 2

Units 5.0

Description

A continuation course of Fermentation Tech 1, with an emphasis on bacterial fermentations in a laboratory setting. The course will emphasize the biological and genetic aspects of bacteria and their role in the production of modern biotechnologies. Technologies particular to both batch and continuous fermentation processes, as well as product identification and recovery will be explored. Students will be placed in a production styled laboratory setting to produce and purify a particular bacterial product following current industry standards and protocols. Field trips to local industrial installations will be used to solidify real-world applications.

Item 1920-184

Credit Course Revision

CHST 101 Introduction to Chicana/o/x Studies

Units 3.0

Description

This is an introductory course that examines the cultural, economic, educational and political issues as they impact Chicana/o/x people in the U.S. Topics include Chicana/o/x identity, ethnic/racial paradigms, gender, language, race, educational attainment, immigration, labor, and poverty. Students interested in this course may include individuals with familial or personal connections to the Chicana/o/x (Mexican-American) community and/or those intending to work in environments with high concentrations of this population.

Item 1920-185

Credit Course Revision

CHST 150 Chicana/o/x Politics

Units 3.0

Description

This course examines U.S. history and political issues relevant to the Chicana/o/x and Latina/o/x community. The course provides an overview of demographic changes in the U.S., examines political activism and political leadership. Students interested in this course may include individuals with familial or personal connections to the Chicana/o/x (Mexican-American) community and/or those intending to work in environments with high concentrations of this population.

Item 1920-186

Credit Course Revision

CIT 160 Introduction to Operating Systems

Units 3.0

Description

This course provides an introduction of the operating systems that are currently used in a business infrastructure. Operating systems discussed include Windows (desktop and server), Unix, Linux, and Mac OS X and their use in the industry. Students will learn desktop virtualization and networking basics and information involving how to create mixed environments.

Item 1920-187

Credit Course Revision

CIT 171 Network +

Units 3.0

Description

This course provides an overview of the architecture, structure, functions, components, and models of the Internet and other computer networks. The principles and structure of Internet Protocol (IP) addressing and the fundamentals of Ethernet concepts, media, and operations are introduced to provide a foundation for further study of computer networks. The Open Systems Interconnection (OSI) and Transmission Control Protocol (TCP) layered models will be used to examine the nature and roles of protocols and services at the application, network, data link, and physical layers. This course provides preparation for the CompTIA Network+ certification exam.

Item 1920-188

Credit Course Revision

CIV 210 Concrete Technology and Testing

Units 2.0

Description

This course is an introduction into the use of concrete as a common construction material. The course is intended for individuals who intend to pursue careers in construction and students who wish to progress into construction management as a civil engineering sub-discipline. The material includes focus on the components of concrete, physical properties, mix design, quality control, and placing and testing of concrete. The course includes classroom lectures and assignments as well as lab projects with direct experience in working with and testing concrete.

Item 1920-189

Credit Course Revision

CIV 245 Civil Engineering Design and Modeling

Units 3.0

Description

This course is for students interested in the career field of civil engineering design drafting and civil engineering. Civil Design and Modeling is an advanced level class which includes design, analysis, and the preparation of drawings used in the civil engineering field. The student will use civil engineering software, such as Bentley's OpenRoads or AutoCAD's Civil 3D to complete projects relating to transportation and site development including grading, drainage, and road alignment plans and details. Specific areas of focus include the use of the software for modeling and editing of terrain, surfaces, profiles, and cross-sections as well as earthwork computations and site planning design.

Item 1920-190

New Credit Course

CORR 060 Corrections Basic Academy

Units 23.111

Description

This course is designed for the California Department of Corrections and Rehabilitation (CDCR) cadet who has successfully passed and completed the employment requirements established for a position as a state correctional officer. This course covers relevant topics required by the Commission of Correctional Peace Officer Standards and Training (CPOST) per California Penal Code Sections 13600 through 13603.

Item 1920-191

Credit Course Revision

CORR 134 Introduction to Interviewing and Counseling Skills for Correctional Officers

Units 3.0

Description

This course provides students with an introduction to and overview of the interviewing techniques and counseling skills employed by correctional officers. An overview of the interviewing and counseling techniques used by entry level practitioners employed in a correctional setting will be provided with an emphasis on the development of positive relationships between the inmate client and support personnel.

Item 1920-192**Credit Course Revision****CORR 235 Conflict Resolution for the Correctional Officer****Units 3.0****Description**

This course provides students with an understanding of the types of conflict situations that may be encountered while working in a correctional facility. The following topics may be discussed as they pertain to the correctional experience: anxiety, fear, frustration, hostility, aggression, motivation and manipulation roles, racial and cultural segregation, crowd and mob interaction, alcohol, drugs, sexual problems, character, neurotic and psychotic disorders, youthful offenders, stress of incarceration, and brain disorders.

Item 1920-193**Credit Course Revision****ET 120 Introduction to Alternative Energy Technology****Units 3.0****Description**

This course is an introductory course to provide students with working knowledge of present day energy systems, which will include an in-depth analysis of the design and installation of alternate energy systems. Topics will include: solar electrical systems, wind electrical systems, solar water heating systems, wind mechanical systems, small hydro-electrical systems, geothermal energy, fuel cells, biomass, energy storage and microgrids. Students will develop skills to construct an alternative energy system. This course is intended for students that are contemplating a career in the alternative energy industry.

Item 1920-194**Credit Course Revision****JOUR 147 Broadcast News****Units 3.0****Description**

This course is for students interested in broadcasting for television. Students will learn the principles and techniques of broadcast news with special reference to the gathering and writing of news for television, script writing, interviewing, and the procedures and techniques of presenting the news for broadcast. This course will cover law and ethics, producing news packages, live to tape packages, live shots including SOT/VO, producing, and directing. Students will have the opportunity to produce the Rio News weekly segments for El Paisano digital newspaper.

Item 1920-195**Credit Course Revision****JOUR 220 Advanced Reporting and Writing****Units 3.0****Description**

This course provides students with an advanced instruction in explanatory and investigative journalism, covering public affairs, police, courts, school boards, and city boards. Students will study methods of preparing material intended for publication in print and online editions of newspapers. It will incorporate the study of editing principles, style and design to meet expectations in the journalism industry.

Item 1920-196**Credit Course Revision****JOUR 241 Newspaper Production I****Units 4.0****Description**

This course is for students wanting to learn production and management techniques for a college newspaper. Students will participate in every facet of developing a newspaper for the college community by serving as staff writers, staff photographers, editors, and layout personnel. Students will publish the college

newspaper, *El Paisano*, during the semester by having weekly assignments for different sections of the paper such as: News, Features, Arts and Entertainment, Opinion, Advertising and Sports. In addition, students may be tasked with taking photographs for special Focus pages. Editors will be responsible for designing their sections of the newspaper on days designated by deadline of the publication by using Quark Express and Photoshop. An additional 108 lab hours (6.5 hours per week during the fall and spring terms, schedule to be arranged) are required in addition to scheduled lecture hours.

Item 1920-197

Credit Course Revision

JOUR 242 Newspaper Production I

Units 4.0

Description

This course is for students wanting to learn the production and management techniques of the college newspaper *El Paisano* as an online publication. Students will participate in every facet of developing and gathering the news for the online edition of *El Paisano* during the semester by having daily and weekly assignments for different sections of the newspaper such as: News, Features, Arts and Entertainment, Opinion, Advertising, and Sports. In addition, students may be tasked with taking photographs for special slide shows online, developing and producing Radio Podcasts online, and developing and producing Video News and Feature programs online. Editors will be appointed and will give out assignments to staff personnel during the semester and help with the development of each member of the class to produce viable online news. An additional 108 lab hours (6.5 hours per week during the fall and spring terms, schedule to be arranged) are required in addition to scheduled lecture hours.

Item 1920-198

Credit Course Revision

JOUR 243 Newspaper Production II

Units 4.0

Description

This course is for students to continue working on the production of *El Paisano*, the campus newspaper, and earn their degree in either journalism and/or mass communications with a specialization in print media. Students will write, produce, layout pages, copy edit, and sell advertisements. They will also design pages and advertisements using InDesign, Photoshop, and other editing software. Students will also acquire production skills in formatting and file conversions for print media. Students will be expected to serve in leadership roles and cover on and off campus news. An additional 108 lab hours (6.5 hours per week during the fall and spring terms, schedule to be arranged) are required in addition to scheduled lecture hours.

Item 1920-199

Credit Course Revision

JOUR 244 Newspaper Production II

Units 4.0

Description

This course is for students with an interest in furthering their career into the digital realm. Students will work hands-on with the multitude of media platforms digital news production II brings via *El Paisano Online*, www.elpaisanoonline.com. Students will produce content for all online aspects of the digital newspaper, such as, podcasting, broadcasting, news segments, and writing for the masses while implementing the video component to all stories. At the conclusion of the course, students will have the concept of immediacy for online news while keeping the reader engaged. An additional 108 lab hours (6.5 hours per week during the fall and spring terms, schedule to be arranged) are required in addition to scheduled lecture hours.

Item 1920-201

Credit Course Revision

MATH 150 Survey of Mathematics

Units 3.0

Description

In this course students will learn to read and understand quantitative information, solve practical problems, and make sound decisions using numbers. Topics include consumer applications, logic, probability, statistics, algebra, and geometry. This course is for students who need a quantitative reasoning course for graduation or transfer.

Item 1920-204

New Credit Course

MUST 191A Music and Integrated Technology Capstone

Units 2.0

Description

This course is for students in the Music and Integrated Technology program to learn hands-on skills. This class will focus on collaborative projects with the students performing the professional roles of recording engineer and assistant engineer. This class will prepare students for the highly collaborative music and media industries. Additionally, this class will help the student build a professional portfolio with which to apply for entry-level jobs.

Item 1920-205

New Credit Course

MUST 191B Music and Integrated Technology Capstone

Units 2.0

Description

This course is for students in the Music and Integrated Technology program to learn hands-on skills. This class will focus on collaborative projects with the students performing the professional role of music producer. This class will prepare students for the highly collaborative music and media industries. Additionally, this class will help the student build a professional portfolio with which to apply for entry-level jobs.

Item 1920-213

GE Request

GIS 120 Introduction to Geographic Information Systems and Spatial Analysis

RHC GE Area 2 & 8B

CSU GE Area B4 – Math

C) First Readings:

Item 1920-200

Credit Course Revision

JOUR 299 Directed Study: Journalism

Units 1.0 to 3.0

Description

This course is for students who have the ability to assume responsibility for independent work and to prepare written or oral reports and/or appropriate projects. To enroll in an independent study/directed study course, students must possess a 2.5 overall grade point average, a 3.0 grade point average in the discipline of study being requested, or receive an exception from the instructor. Independent

Studies/Directed Studies may be developed from any topic arising from or related to a course of study that will result in developing depth and breadth in that subject area. Students will be expected to meet on a regular basis with their faculty sponsor and submit a final report or project, and student progress shall be evaluated at regular intervals. Academic standards for Independent Studies/Directed Studies shall be the same as those for other courses. Units are awarded in accordance to Title V regulations with one unit of credit awarded for 54 hours of Directed Studies, six (6) hours of which must be with an instructor. The instructor is responsible for monitoring student progress through the semester. Students may take directed study courses for a maximum of four (4) units within a discipline, and may not accumulate more than a total of twelve (12) units college wide.

Item 1920-202

Credit Course Revision

MSCM 103 Survey of Motion Picture, Radio, and Television

Units 3.0

Description

This course provides an overview of the history, theory, and aesthetic principles of radio, television, and motion pictures and examines their social impacts and effects on society. The changing nature of consumer information will be explored, along with the evolution of these three mediums in the traditional and non-traditional aspects of listening, writing, and viewing. The social, political, regulatory, ethical, and occupational impacts of the electronic media are also studied.

Item 1920-203

Credit Course Revision

MSCM 134 Documentary Film

Units 3.0

Description

This course serves as an introduction to documentary film. It provides an overview of key historical and critical concepts regarding film, including vocabulary for storyboard and scene analysis. Students will analyze films in relation to mise-en-scene, editing, sound, narrative, cinematography, screenplay, and meaning.

Item 1920-206

Credit Course Revision

RDIO 104 Radio Broadcasting

Units 3.0

Description

This course provides an introduction to the field of broadcasting and other electronic media. Emphasis is placed on the history, development, and current status of broadcasting and related industries. Students will explore the broadcasting industry and develop "on-air" skills for a variety of radio formats. Upon completion, students should be able to demonstrate knowledge of regulations, organizational structure, revenue sources, historical development, and on-going operation of broadcasting and related industries.

Item 1920-207

Credit Course Revision

RDIO 136 Radio Production

Units 4.0

Description

This course is intended as an introductory course in theory and application of audio production techniques for radio broadcasting. Students will learn audio equipment for both live and pre-recorded (live to tape) broadcasting. This includes learning broadcast writing, radio program formats, announcing skills, how to use recording equipment, mixers, and digital audio production. An additional 108 lab hours (6.5 hours per week

during the fall and spring terms, schedule to be arranged) are required in addition to scheduled lecture hours.

Item 1920-208

Credit Course Revision

RDIO 236 Radio Production

Units 4.0

Description

This course is an opportunity for advanced study for students wanting to learn production and management techniques utilized in radio broadcasting. Students will be shown proper announcing and on-air presentation techniques through lecture, demonstration, and taped examples. Students will have an opportunity to air their programs over the campus Internet radio station KRHC. An additional 108 lab hours (6.5 hours per week during the fall and spring terms, schedule to be arranged) are required in addition to scheduled lecture hours.

Item 1920-209

Request to Offer a Course via Distance Education

KIN 110 Introduction to Fitness and Sport Management - *ONLINE*

Item 1920-210

Request to Offer a Course via Distance Education

KIN 126 Principles of Strength and Conditioning - *ONLINE*

Item 1920-211

Request to Offer a Course via Distance Education

KIN 170 Sport & Exercise Psychology - *ONLINE*

Item 1920-212

Request to Offer a Course via Distance Education

KIN 193 Standard First Aid and CPR – *ONLINE*

Item 1920-214

New Certificate of Achievement

Fitness and Sport Management

Units 18.0

Description

The fitness and sport fields have become dynamic growth industries and are recognized as multi-billion dollar global enterprises. The Fitness and Sport Management Certificate is designed to prepare individuals to apply business, coaching, and physical education principles to the organization, administration, and management of athletic programs and teams, fitness/rehabilitation facilities and health clubs, sport recreation services, and related services. The program includes instruction in program planning and development; business and financial management principles; sales, marketing and recruitment; event promotion, scheduling and management; facilities management; public relations; the psychology of sport and exercise, and legal aspects of sports. Depending on their specific interests, professionals in this field can do anything from managing a local gym, fitness studio, or sports camp. They may work in a college or professional sport venue and manage facilities, operations, and assist with marketing and social media. It is possible to complete this certificate in one calendar year. The curriculum has been designed to equip the student with the background, both theoretical and practical, to pursue an entry-level job managing and promoting both fitness and sport organizations.

III. **PUBLIC COMMENT:** *Although the Curriculum Committee always welcomes the participation of guests in any discussion, this agenda item is provided to allow a member of the public to speak to an item not on the agenda.*

IV. **UNFINISHED BUSINESS:**

Pending Web Accessibility Approvals (First Read 10/2/19)

Item 1920-033

Request to offer a course via Distance Education – **ONLINE**
GDSN 162 Introduction to Web Design

Item 1920-034

Request to offer a course via Distance Education - **ONLINE**
GDSN 163 Intermediate Web Design

Item 1920-036

Request to offer a course via Distance Education - **ONLINE**
GDSN 172 Publication Design

Item 1920-037

Request to offer a course via Distance Education - **ONLINE**
GDSN 174 Packaging Design

Item 1920-038

Request to offer a course via Distance Education - **ONLINE**
GDSN 178 Digital Imaging Design

Item 1920-039

Request to offer a course via Distance Education - **ONLINE**
GDSN 179 Advanced Digital Imaging Design

Pending Web Accessibility Approvals (First Read 10/9/19)

Item 1920-063

Request to offer a course via Distance Education - **HYBRID**
JAPN 101 Japanese I
(All necessary changes per committee recommendations on 10/9/19)

Item 1920-064

Request to offer a course via Distance Education - **HYBRID**
JAPN 102 Japanese II
(All necessary changes per committee recommendations on 10/9/19)

Pending Web Accessibility Approvals (First Read 10/30/19)

Item 1920-107

Request to offer a course via Distance Education – **HYBRID**
KIN 297 Advanced Athletic Training

Pending Web Accessibility Approvals (First Read 11/6/19)

Item 1920-144

Request to offer a course via Distance Education - **ONLINE**
BIOL 120 Environmental Biology

Item 1920-145

**Request to offer a course via Distance Education - *ONLINE*
CD 211 Infants and Toddlers**

Item 1920-146

**Request to offer a course via Distance Education - *ONLINE*
CD 224 Diversity Issues During Early Childhood School Age and Adolescence**

Item 1920-147

**Request to offer a course via Distance Education - *ONLINE*
ED 110 Introduction to Teaching**

V. DISCUSSION ITEMS/ATTACHMENT

VI. ADJOURNMENT