**Rio Hondo Community College District**

**Curriculum Committee**

**Agenda**

**Wednesday, March 24, 2021 – *REMOTE***

1. **APPROVAL OF THE MINUTES FROM MARCH 17, 2021**
2. **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.*
3. **ACTION ITEMS**
4. **Approval of Consent Agenda: *No Items***
5. **Second Readings: *No Items***
6. **First Readings:**

***Continuation from March 17, 2021***

**Item 2021-229**

**GE Request**

**ART 117 History of World Ceramics**

**CSU GE Area C1**

**IGETC Area 3A**

**RHC GE Area 7A**

**Item 2021-230**

**Request for Assigning Courses to Discipline**

**EGSS 135 Philosophy of Justice**

**New First Readings:**

**Item 2021-232**

**Credit Course Revision**

**ARCH 280 Advanced MicroStation for CADD and BIM Applications**

**Description**

This course is for students pursuing advanced study in MicroStation 3D parametric CADD (Computer Assisted Design and Drafting) and the BIM (Building Information Modeling) approach to building design using Bentley Architecture digital modeling applications. Students apply previously learned drafting conventions to produce 2D and 3D CADD- and BIM-generated mechanical and architectural drawings and virtual design models. This course benefits all students studying architecture, civil engineering of all types, drafting, design, and computer graphics. Emphasis is placed on the high technology skills necessary to function as a designer or CADD drafter.

**Item 2021-233**

**Credit Course Revision**

**ENGT 280 Advanced MicroStation for CADD and BIM Applications**

**Description**

This course is for students pursuing advanced study in MicroStation 3D parametric CADD (Computer Assisted Design and Drafting) and the BIM (Building Information Modeling) approach to building design using Bentley Architecture digital modeling applications. Students apply previously learned drafting conventions to produce 2D and 3D CADD- and BIM-generated mechanical and architectural drawings and virtual design models. This course benefits all students studying architecture, civil engineering of all types, drafting, design and computer graphics. Emphasis is placed on the high technology skills necessary to function as a designer or CADD drafter.

**Item 2021-234**

**Credit Course Revision**

**EDEV 021 Literacy Skills II**

**Description**

This course is designed primarily for students with disabilities who need to improve basic reading skills such as dictionary usage, vocabulary development, and reading comprehension. Students practice specific learning strategies needed to compensate for diverse learning styles or deficits. This is a non-degree-applicable course and is offered on a pass/no pass basis. All students are required to be enrolled in the one-unit reading lab, EDEV 021L, at the same time they take this course.

**Item 2021-235**

**Credit Course Revision**

**EDEV 021 Literacy Skills II Lab**

**Description**

This skills course is designed for students with learning disabilities who need to improve reading comprehension and vocabulary through individually prescribed lab work. Students complete reading tasks designed to complement the activities of their reading course. All students are required to be enrolled in EDEV 021, Literacy Skills II, at the same time they take this course.

**Item 2021-236**

**Credit Course Revision**

**EDEV 026 Consumer Math**

**Description**

This course is designed specifically for developmentally delayed learners (DDL) and students with special learning needs who want to apply their math abilities to the workplace and everyday life. Home and money management; banking/obtaining credit; math skills in the workplace; use of calculators; timecards/taxes and benefits; and basic reading, writing and math across the curriculum are emphasized in the course. Guest speakers are invited, and student projects reflect students' conceptualization and ability to put what is learnedinto practice . This is a non-degree credit course.

**Item 2021-237**

**Credit Course Revision**

**EDEV 029 Independent Living Skills**

**Description**

This course is specificallydesigned for developmentally delayed learners (DDL) and students with special learning needs. Essential independent living skills are emphasized, and major- topics focus on how to live and work issues—from maintaining a healthy body and a safe home to finding and keeping a job—with the goal of students developing the necessary skills to gain greater independence outside the family structure.

**Item 2021-238**

**Credit Course Revision**

**EDEV 033A Mathematical Foundations**

**Description**

This course combines topics from basic math and prealgebra, including operations with whole numbers, integers, fractions, and decimals. It serves as a foundational course for all students. Completion of the course enables students to register for EDEV 033B (students must complete EDEV 033A and EDEV 033B within a maximum period of 24 months). This course is designed to help students with special needs master and develop problem solving and arithmetic skills, and to acquire learning strategies to allow them to be successful upon matriculating into upper-level mathematics courses. This is a non-degree applicable course.

**Item 2021-239**

**Credit Course Revision**

**EDEV 033B Mathematical Foundations**

**Description**

This course combines topics from basic math and prealgebra, including rates, ratios, and proportional thinking; percent problems and applications to percent; and an introduction to algebraic thinking using fundamental principles of expressions and methods to solve linear equations. It serves as a foundational course for all students, who must complete EDEV 033B and its prerequisitie, EDEV 033A, within a maximum period of 24 months. This course is designed to help students with special needs master and develop problem solving and arithmetic skills, and to acquire learning strategies to allow them to be successful upon matriculating into upper-level mathematics courses. This is a non-degree applicable course.

**Item 2021-240**

**Credit Course Revision**

**ENGT 105 Introduction to Technical Freehand Sketching**

**Description**

This course is designed to develop skills in freehand drawing as it is used by design professionals in architectural and technical applications. Using pen, pencil, and marker and deploying basic principles of proportion, composition, and freehand techniques, students prepare technical isometric, oblique, perspective, and orthographic sketches to industry standards. Design considerations for various projects involving preliminary design sketches are also introduced. This course is open to all students who want to develop freehand drawing skills. It is required for all students working towards a degree or certificate in the Architecture and Engineering Design Drafting program.

**Item 2021-241**

**Credit Course Revision**

**ENGT 122 Engineering Design Graphics**

**Description**

This course is an introduction to graphics as used in engineering design, and the systematic use of graphic solutions and descriptive geometry to solve 3D engineering problems involving space, points, planes, and lines. Emphasis is place on technical drawing using International Organization for Standardization (ISO) and American National Standards Institute (ANSI) standards, including geometric dimensioning and tolerancing, with a conceptual design project and preparation of working drawings. This course is required for all students working towards a degree or certificate in the Architecture and Engineering Design Drafting program. The course is also recommended for students interested in transferring to schools of engineering.

**Item 2021-242**

**Credit Course Revision**

**ENGT 150 AutoCAD for Basic CADD Applications**

**Description**

This course is for students preparing for high-technology careers who need the skills necessary to function as an entry-level computer-aided design and drafting (CADD) operator, or to apply CADD to the specific disciplines of mechanical and architectural design, manufacturing, illustration, and engineering-related documents. An overview of computer graphics and CADD utilizing the latest release of AutoCADsoftware is provided. Students produce 2D orthographic, isometric, and basic 3D model solutions of mechanical and architectural applications.

**Item 2021-243**

**Credit Course Revision**

**ENGT 231 Technical Product Design and Presentation**

**Description**

This intermediate course focuses on technical presentation drawing, product proposal and design (including electro-mechanical packaging), orthographic and axonometric illustration for presentation, and assembly pictorial views. Using computer aided design, manual drafting, and graphic techniques, students apply previously learned skills to develop graphic illustrations of mechanical applications for use in catalogs, manuals, and engineering support presentation documents. This course benefits all students in areas of study related to engineering, drafting, design and computer graphics.

**Item 2021-244**

**Credit Course Revision**

**ENGT 270 SolidWorks for 3D Modeling and Prototype Applications**

**Description**

This course is an intensive study of 3D computer graphics and computer-assisted design and drafting (CADD) utilizing the latest release of SolidWorks Software. This course benefits all students in areas of study related to engineering, drafting, design, and computer graphics. Students produce 3D, parametric, computer-generated virtual models incorporating mechanical design refinements. The course emphasizes the technological skills necessary to function as a design professional in order to apply 3D design graphics technology to the specific disciplines of mechanical engineering, machine drafting and design, manufacturing, animation, modeling, and illustration. Students are introduced to a variety of ways to produce prototype models directly from CADD-generated solid geometry. Students will also take an industry standard to check for proficiency and receive certification upon passing.

**Item 2021-245**

**Credit Course Revision**

**GIS 220 GIS Applications**

**Description**

This course covers advanced applications of geographic information systems (GIS), including digitizing with topology, georeferencing “asbuilts,” and deriving new spatial data by importing computer aided drafting (CAD) drawings. Students learn how to distinguish the difference and value of raster data versus vector data, perform trends in GIS including processing new raster data with photogrammetry of imagery collected by small unmanned aircraft vehicles (sUAVs), and create mobile applications for field data collection (i.e., fire hydrant inventory). The course may include field trips to industry events and to attend off-campus survey field exercises.

**Item 2021-246**

**New Credit Course**

**HET 061 Outdoor Power Equipment Operation and Maintenance**

**Description**

This introductory course familiarizes students with the basic operation and maintenance of different types of outdoor power equipment. Instruction covers the repair and maintenance of compact tractors, towable backhoes, lawn and brush equipment, portable generators, air compressors, pressure washers, ground vibrating plates, water pumps, gas powered saws, and many kinds of equipment powered by small displacement internal combustion engines. Students have the opportunity to perform minor repair work on their own equipment to complete required tasks. This course is designed to be a companion course to HET 062, HET 063, and HET 064, and is required for the Outdoor Power Equipment Maintenance Technician certificate. Students are encouraged to complete all four courses in order to obtain a firm foundation in the outdoor power equipment field.

**Item 2021-247**

**Credit Course Revision**

**MATH 060 Geometry**

**Description**

This introductory course covers the elements of geometry, including points, lines, planes, and angles, which are used in conjunction with triangles, polygonal, and circular figures in both 2D and 3D configurations. Formulas for computing lengths, areas, and volumes are presented through the use of applications. This course is intended for students who have not taken or completed two semesters of high school geometry, or who need a refresher course prior to taking trigonometry, technology courses, mathematics for elementary teachers, or other courses with a geometry prerequisite.

1. **UNFINISHED BUSINESS:**

***Tabled Item from October 7, 2020***

**Item 2021-028**

**New Credit Course**

**ENGR 101 Introduction to Engineering**

**Description**

This introductory course explores the different branches of engineering, engineering industries, and functions of an engineer; explains the educational requirements needed for a career in engineering; and explores effective strategies for students to reach their full academic potential. The course also introduces students to the methods and tools of engineering problem solving and design, as well as the interface of the engineer with society, and engineering ethics. Students practice developing communication skills pertinent to the engineering profession, and in addition to academic skills, students explore a variety of engineering career pathways to enhance their understandings of career goals and career planning.

***Tabled Item from September 9, 2020***

**Item 2021-013**

**Certificate of Achievement Change**

**Civil Drafting**

**Units 17.0 to 18.0**

**Description**

This program provides a focused course of study to prepare students for careers in the preparation of construction documents for civil engineering projects. The coursework concentrates on the preparation of common civil project drawings using industry-standard drawing techniques and conventions with hand and/or computer-aided drafting (CAD) tools. Additionally, the coursework exposes students to the broad range of subdisciplines within the field of civil engineering.

***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 1920-145**

**Request to offer a course via Distance Education - *ONLINE***

**CD 211 Infants and Toddlers**

**Item 1920-147**

**Request to offer a course via Distance Education - *ONLINE***

**ED 110 Introduction to Teaching**

***Pending Web Accessibility Approvals (First Read 11/20/2019)***

**Item 1920-209**

**Request to Offer a Course via Distance Education - *ONLINE***

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

***Pending Web Accessibility Approvals (First Read 02/05/20)***

**Item 1920-266**

**Request to offer a Course via Distance Education - *ONLINE***

**TCED 044 OSHA Workplace Safety**

***Pending Web Accessibility Approvals (First Read 02/12/20)***

**Item 1920-298**

**Request to offer a Course via Distance Education - *ONLINE***

**ASL 120 Introduction to Deaf Studies**

**Item 1920-299**

**Request to offer a Course via Distance Education - *ONLINE***

**ASL 124 Deaf Culture**

**Item 1920-300**

**Request to offer a Course via Distance Education - *ONLINE***

**ASL 201 American Sign Language III**

**Item 1920-301**

**Request to offer a Course via Distance Education - *ONLINE***

**ASL 202 American Sign Language IV**

**Item 1920-302**

**Request to offer a Course via Distance Education - *ONLINE***

**ASL 220 Pathways to Interpreting Careers**

**Item 1920-303**

**Request to offer a Course via Distance Education - *ONLINE***

**ASL 250 ASL Linguistics**

**Item 1920-304**

**Request to offer a Course via Distance Education - *ONLINE***

**ASL 270 ASL Literature**

**Item 1920-305**

**Request to offer a Course via Distance Education - *ONLINE***

**ASL 280 ASL Storytelling**

***Pending Web Accessibility Approvals (First Read 02/19/20)***

**Item 1920-326**

**Request to Offer a Course via Distance Education - *ONLINE***

**KIN 120 Sports Law and Ethics**

**Item 1920-327**

**Request to Offer a Course via Distance Education - *HYBRID***

**ENGL 325 Technical and Professional Writing**

***Pending Web Accessibility Approvals (First Read 04/01/20)***

**Item 1920-392**

**Request to Offer a Course via Distance Education - *ONLINE***

**LOG 110 Warehouse Management**

***Pending Web Accessibility Approvals (First Read 04/22/20)***

**Item 1920-431**

**Request to offer a Course via Distance Education - O*NLINE***

**LOG 105 Purchasing Management**

**Item 1920-432**

**Request to offer a Course via Distance Education - O*NLINE***

**LOG 115 Inventory Management**

***Pending Web Accessibility Approvals (First Read 05/20/20)***

**Item 1920-491**

**Request to offer a Course via Distance Education - O*NLINE***

**ASL 212 Beginning Interpreting +Ethics 2**

**Item 1920-495**

**Request to offer a Course via Distance Education - O*NLINE***

**KIN 115 Fitness Specialist Internship**

***Pending Web Accessibility Approvals (First Read 09/09/20)***

**Item 2021-005**

**Request to offer a course via Distance Education – HYBRID**

**AUTO 300 Assessment of the Automotive Industry**

**Item 2021-006**

**Request to offer a course via Distance Education – HYBRID**

**AUTO 310 The Global Development and Advancement of the Automobile**

**Item 2021-007**

**Request to offer a course via Distance Education – HYBRID**

**AUTO 320 The Progressive growth of Automotive Technology**

**Item 2021-008**

**Request to offer a course via Distance Education – HYBRID**

**AUTO 340 Analyzing Vehicle Electrical/Electronic Systems**

**Item 2021-009**

**Request to offer a course via Distance Education – HYBRID**

**AUTO 360 Analyzing Vehicle Fuels, Lubricants, and Combustion**

**Item 2021-010**

**Request to offer a course via Distance Education – HYBRID**

**AUTO 400 Analyzing Stability, Dynamics, and NVH**

**Item 2021-011**

**Request to offer a course via Distance Education – HYBRID**

**AUTO 420 Analyzing Dynamic Functions of Vehicle Drivetrain Systems**

**Item 2021-012**

**Request to offer a course via Distance Education – HYBRID**

**AUTO 440 Analyzing Vehicle Safety, Comfort, and Security Systems**

***Pending Web Accessibility Approvals (First Read 11/04/20)***

**Item 2021-077**

**Request to offer a course via Distance Education – ONLINE**

**SPCH 101 Public Speaking**

**Item 2021-078**

**Request to offer a course via Distance Education – HYBRID**

**SPCH 101H Public Speaking Honors**

***Pending Web Accessibility Approvals (First Read 03/03/21)***

**Item 2021-170**

**Request to Offer a Course via Distance Education – *ONLINE***

**COUN 104 – Stress and Anxiety Management for Emotional Well-Being**

**Item 2021-204**

**Request to offer a Course via Distance Education - *ONLINE***

**PSY 190 Statistics for the Behavioral Sciences**

***Pending Web Accessibility Approvals (First Read 03/17/21)***

**Item 2021-224**

**Request to offer a course via Distance Education - *ONLINE***

**ANIM 101 Introduction to Digital 3-D Animation**

**Item 2021-225**

**Request to offer a course via Distance Education - *ONLINE***

**ANIM 105 Principles of 3-D Digital Animation**

**Item 2021-226**

**Request to offer a course via Distance Education - *ONLINE***

**ANIM 110 Digital Character Animation**

**Item 2021-227**

**Request to offer a course via Distance Education - *ONLINE***

**ANIM 130 Modeling for Games**

**Item 2021-228**

**Request to offer a course via Distance Education - *ONLINE***

**CHST 101 Introduction to Chicana/o/x Studies**

1. **DISCUSSION ITEMS/ATTACHMENTS**

**Elizabeth Ramirez – Information item. ADT verbiage change as per CCCCO**

1. **ADJOURNMENT**