

**Rio Hondo Community College District  
Curriculum Committee  
Agenda  
Wednesday, May 19, 2021 – REMOTE**

- I. **APPROVAL OF THE MINUTES FROM MAY 12, 2021**
  
- II. **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.*
  
- III. **ACTION ITEMS**

A) **Approval of Consent Agenda**

**Item 2021-370**

**Course Change**

**CIT 211, CIT 212, CIT 213**

**Delete from Catalog**

B) **Second Readings:**

**Item 2021-279**

**Request for Course Addition to Advanced Placement Examination Program**

**HIST 102 History of World Civilization 1500 to the Present**

**Exam: World History – Modern**

**Score: 3**

**RHC GE Area: Social & Behavioral Sciences**

**Units: 3**

**Item 2021-280**

**Request to award CLEP Credit**

**Exam: Social Sciences and History**

**Score: 50**

**RHC GE Area: Social & Behavioral Sciences**

**Item 2021-282**

**Credit Course Revision**

**CARP 050R Intermediate Commercial Framing**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course goes beyond basic wall framing theory, and involves the application of wall construction techniques that require greater skill levels. Topics include a review of basic wall framing and floor plans used for job planning, design recognition, and materials lists. Students lay out and detail wall plates for locating basic wall components and door openings. Instruction details how structural connections are made, and includes measuring skills, mathematical principles, wall assembly, and installation procedures.

**Item 2021-283**

**Credit Course Revision**

**CARP 050S Intermediate Stairs**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course uses floor plans and print elevations at an intermediate level to enhance developing students' basic stair construction skills. Students interpret prints to complete job planning, project layouts, and material cut lists for "L-shaped" stair designs. Stair calculations are used to determine the number of stairs, landing height, stair thread, and riser dimensions for assigned projects.

**Item 2021-284**

**Credit Course Revision**

**CARP 050T Drywall Applications**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course covers required and supplemental instruction for carpentry apprentices, and focuses on the commercial and residential skills necessary to properly handle and install drywall used in specialized applications including fire resistance, sound control, and for-life safety. Layout, cutting, attachment procedures, and productivity techniques are discussed and practiced under jobsite conditions. Wall framing and drywall finishing methods are incorporated into the hands-on activities.

**Item 2021-285**

**Credit Course Revision**

**CARP 050U Interior Elevations**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course covers required and supplemental instruction for carpentry apprentices, including the techniques and skills used in construction of interior spaces. Print elevation views and details are utilized for job planning and design recognition, and to determine materials. Students lay out and detail interior walls, surfaces for arches, soffits, and trim installation. Instruction includes a review of transit and builder levels, measuring skills, and cutting techniques for inside/outside corners and radius cuts.

**Item 2021-286**

**Credit Course Revision**

**CARP 050V Welding Fabrication**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course is designed as an introduction to layout and basic welding and fabrication. Students are introduced to the basic skills of measuring, equipment setup and cutting, shaping, grinding, welding, filing, heating, and bending metal parts. Training includes fundamental arc welding techniques to fabricate project components.

**Item 2021-287**

**Credit Course Revision**

**CARP 070I Advanced Suspended Scaffold**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course covers the advanced techniques and procedures required when constructing suspended scaffolds supported by structural members. Students identify the suitable structural components for this application type, and the methods used to determine load bearing capability of structural elements are presented. Hazards and precautionary techniques associated with safely building this type of suspended platform are the focus of this training.

**Item 2021-288**

**Credit Course Revision**

**CARP 070J Confined Space**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course covers safe access, entry, and monitoring methods for work-confined spaces. Terminology, hazard recognition, air quality, and the use of various types of personal protective and respiratory equipment are presented. Students complete simulated work tasks and emergency rescue procedures utilizing a mock up. Upon successful completion of the course students are issued a United Brotherhood of Carpenters (UBC) Confined Space Qualification Card.

**Item 2021-289**

**Credit Course Revision**

**CARP 070K Scaffold Reshoring**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course covers the basic techniques and procedures associated with frame, system, and tube and clamp scaffold components used in industrial settings. Regulations, terminology and components used in these systems types are discussed in depth. Construction practices and safety considerations include plant operating processes, equipment, hazardous material awareness, and emergency response. Students identify and erect equipment using basic configurations suitable for jobsites where industrial scaffolds are commonly used during maintenance cycles.

**Item 2021-290**

**Credit Course Revision**

**CARP 070L Specialty Scaffold Applications**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course covers specialty scaffold applications focusing on ramps, chutes, and mobile towers suitable for light and heavy duty use. Students identify the characteristics of commercial and industrial scaffold construction. The selected projects for the course introduce the techniques and procedures used for access/egress, debris handling, and maintenance scaffolds.

**Item 2021-291**

**Credit Course Revision**

**CARP 070N Scaffold Erector Qualification**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course is designed to comply with applicable regulations and to provide students with industry-recognized general scaffold building credentials. A fundamental approach and careful explanation of scaffold-built applications is presented, including safety and terminology, elevated platform intended use, span and loading criteria, access and egress, stability, structural connections, and inspections. Detailed project drawing review provides practical experience in locating dimensions and determining layout and scaffold material requirements. Emphasis on erection/dismantling sequence fosters the development of job planning, preparation skills, and applied math. The importance of a safety program that includes site specific conditions, communication, and fall protection is addressed during scaffold construction exercises.

**Item 2021-292**

**Credit Course Revision**

**CARP 070P Industrial Scaffolding**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course covers the basic techniques and procedures associated with frame systems and tube and clamp scaffold components used in industrial settings. A major focus of the course is construction practices and safety considerations, including general plant operating conditions and

hazards. Upon successful completion of the course students are issued a United Brotherhood of Carpenters (UBC) Scaffold Qualification Card (standard 40-hour training).

**Item 2021-293**

**Credit Course Revision**

**CARP 080A Basic Wood Flooring Installation**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course provides an introduction to wood flooring materials and installation techniques. Students study the characteristics of various hard and soft wood species typically chosen for grade, durability, and color. The inspection of existing subfloors is discussed, and procedures for installing new subfloors are included. The proper preparation and installation sequence of wood strips and plank flooring is the main focus of the training.

**Item 2021-294**

**Credit Course Revision**

**CARP 080B Borders**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course covers the fabrication and production skills used to create borders for wood flooring installations. Students interpret floor plans to determine details for border designs and estimate materials. Instruction include designs considerations, geometric layout procedures, and techniques for maintaining border symmetry.

**Item 2021-295**

**Credit Course Revision**

**CARP 080C Parquet Flooring**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course covers the methods and techniques for installing parquet flooring. Students study the characteristics of various parquet flooring patterns, and evaluate the suitability of hard and soft woods for use in parquet flooring patterns. The inspection, patching, and leveling of existing subfloors are discussed and practiced. The proper preparation and installation sequence of parquet wood flooring is the main focus of the training.

**Item 2021-296**

**Credit Course Revision**

**CARP 080D Advanced Patterns**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course covers the fabrication and installation skills used in the production of custom wood flooring design. Students study examples of artistic wood floor elements including geometric patterns, color variations, and the inclusion of materials other than wood. Students create a design pattern for a custom wood floor medallion, and use the techniques and skills presented to complete the medallion project.

**Item 2021-297**

**Credit Course Revision**

**CARP 080E Diagonal and Herringbone Patterns**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course covers the fabrication and installation skills used in the production of diagonal and herringbone flooring patterns. Students interpret floor plans to detail pattern

assemblies and estimate materials. Instruction includes design considerations, geometric layout procedures, and techniques for maintaining pattern symmetry.

**Item 2021-298**

**Credit Course Revision**

**CARP 080F Crew Lead Training**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course covers the supervisory and crew leadership skills required for professional development in the wood flooring industry. Topics include typical work processes, communication methods, customer service considerations, motivational concepts and problem solving techniques that, when employed, result in the efficient and effective management of wood floor installation. Various project scenarios are used to conduct classroom exercises.

**Item 2021-299**

**New Credit Course**

**ENGR 100 Introduction to Engineering**

**Description**

This introductory course considers different branches of engineering, the engineering industries, and the functions of engineers and related roles. Topics include the methods and tools of engineering problem-solving and design, the place of engineering in society, and engineering ethics. Students learn about the educational requirements for careers in engineering fields and effective strategies to be academically successful in engineering programs, practice developing communication skills pertinent to engineering professions, and explore a variety of engineering career pathways to plan and shape career goals.

**Item 2021-300**

**Credit Course Revision**

**ENGT 138 Introduction to Engineering**

**Description**

This introductory course considers different branches of engineering, the engineering industries, and the functions of engineers and related roles. Topics include the methods and tools of engineering problem-solving and design, the place of engineering in society, and engineering ethics. Students learn about the educational requirements for careers in engineering fields and effective strategies to be academically successful in engineering programs, practice developing communication skills pertinent to engineering professions, and explore a variety of engineering career pathways to plan and shape career goals.

**Item 2021-301**

**Credit Course Revision**

**ENGR 235 Engineering Mechanics: Statics**

**Description**

This course is for students who intend to pursue a major in engineering, and provides an overview of the effect of two- and three-dimensional force systems on particles and rigid bodies under equilibrium conditions. Topics covered include distributed forces and determination of centroids, analysis of trusses, frames and machines, internal forces and moments, systems involving friction, and methods of virtual work and equilibrium.

**Item 2021-302**

**New Credit Course**

**HET 062 Outdoor Power Equipment Four-Stroke Engine Repair**

**Description**

This introductory course familiarizes students with the basic operation and repair of four-stroke outdoor power equipment engines. Instruction covers tools and service equipment, problem diagnosis, failure analysis, proper repair techniques, machining operations, and testing and adjusting after repairs. Students

have the opportunity to perform engine work on their own equipment to complete required tasks. This course is designed to be a companion course to HET 061, 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 2021-303**

#### **New Credit Course**

#### **HET 063 Outdoor Power Equipment Engine Systems**

##### **Description**

This introductory course familiarizes students with the basic operation and repair of outdoor power equipment engine systems. Instruction covers tools and service equipment, problem diagnosis, and proper repair techniques of air induction, exhaust, fuel, lubrication, cooling, electrical, ignition, governor, and power delivery systems. Students have the opportunity to perform engine work on their own equipment to complete required tasks. This course is designed to be a companion course to HET 061, HET 062, 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 2021-304**

#### **New Credit Course**

#### **HET 064 Introduction to Two-Stroke Gasoline Engines**

##### **Description**

This introductory course familiarizes students with the basic operation and repair of two-stroke engines used in hand-held outdoor power equipment. Instruction covers tools and service equipment, problem diagnosis, failure analysis, proper repair techniques, and testing and adjusting after repairs. Students have the opportunity to perform engine work on their own equipment to complete required tasks. This course is designed to be a companion course to HET 061, HET 062, and HET 063, 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 2021-305**

#### **Credit Course Revision**

#### **MATH 053 B-STEM Elementary Algebra**

##### **Description**

This course is intended for students who need to learn the fundamentals of algebra. It is designed primarily for students who plan to major in business, science, technology, engineering, or math (i.e., B-STEM). The course comprises topics including solutions and graphs of linear equations and inequalities, slopes of lines, systems of linear equations and applications, operations with polynomials (including factoring), and solving quadratic equations.

### **Item 2021-306**

#### **Credit Course Revision**

#### **MATH 053A B-STEM Elementary Algebra - A**

##### **Description**

This course is the first half of a modularized version of MATH 053, and is intended for students who need to learn the fundamentals of algebra. It is designed primarily for students who plan to major in business, science, technology, engineering, or math (i.e., B-STEM). The course comprises topics including solutions and graphs of linear equations and inequalities, and slopes of lines. Students must pass MATH 053A in order to register for MATH 053B, and must complete MATH 053A and MATH 053B within a maximum period of 24 months.

### **Item 2021-307**

#### **Credit Course Revision**

#### **MATH 053B B-STEM Elementary Algebra - B**

##### **Description**

This course is the second half of a modularized version of MATH 053, and is intended for students who need to learn the fundamentals of algebra. It is designed primarily for students who plan to major in business, science, technology, engineering, or math (i.e., B-STEM). The course comprises topics including systems of linear equations and applications, operations with polynomials (including factoring), and solving quadratic equations. Students must pass MATH 053A in order to register for MATH 053B, and must complete MATH 053A and MATH 053B within a maximum period of 24 months.

### **Item 2021-308**

#### **Program Revision**

#### **Advanced Engine Performance Associate of Science Degree**

##### **Description**

The courses listed in the Associate of Science Degree comprise a comprehensive list of job skills needed to work in the specialized field of automotive advanced engine performance diagnostics. The skills developed during lecture and lab will enhance students' ability to complete the industry-recognized Automotive Service Excellence (ASE) Certification Tests A6 (Electrical/Electronic Systems), A8 (Engine Performance), and L1 (Advanced Engine Performance). The degree is designed to prepare students for transfer and/or entry-level employment as an automotive engine performance diagnostic technician.

### **Item 2021-309**

#### **Program Revision**

#### **Advanced Engine Performance Certificate of Achievement**

##### **Description**

The courses listed in the certificate of achievement comprise a comprehensive list of job skills needed to work in the specialized field of automotive advanced engine performance diagnostics. The skills developed during lecture and lab will enhance the students' ability to complete the industry-recognized Automotive Service Excellence (ASE) Certification Tests A6 (Electrical/Electronic Systems), A8 (Engine Performance), and L1 (Advanced Engine Performance). The certificate is designed to prepare students for entry-level employment as an automotive engine performance diagnostic technician.

### **Item 2021-310**

#### **New Program**

#### **Business Administration 2.0 Associate in Science for Transfer**

##### **Description**

The **Associate in Science in Business Administration for Transfer (AS-T) Degree** is intended to meet the lower division requirements for business majors (or similar majors) at a CSU campus that offers a business baccalaureate degree.

This degree program will help students develop the analytical, communication, and critical thinking skills necessary to succeed as a business major. Business Administration prepares students for careers in accounting, finance, management, marketing, information technologies and many others.

### **Item 2021-311**

#### **New Program**

#### **Computer Skills for Business II Noncredit Certificate of Completion**

##### **Description**

This certificate prepares students to proficiently use Microsoft Outlook, PowerPoint, and Access programs for a variety of applications in business and educational settings. Student gain knowledge and practical skills to apply appropriate program functions to complete a variety of communication and computing tasks, including email correspondence, digital file sharing and calendar management, and interactive visual

presentation. Additionally, students learn to configure database tables, queries, and reports to support data management needs in organizational operations.

**Item 2021-312**

**Program Revision**

**Electric Vehicle and Fuel Cell Technology Technician Associate of Science Degree**

**Description**

The Associate of Science Degree in Electric Vehicle and Fuel Cell Technology prepares students to address needs in the emerging field of servicing and diagnosing green vehicles, including electric, hybrid, plug-in hybrid, and fuel cell automobiles. Students will need to apply for the Automotive Service Excellence (ASE) Light Duty/Hybrid/Electric Vehicle Specialist Test (L3), and pay all applicable fees to take the final ASE exam. This degree is intended to be the capstone of the Hybrid/Electric/Fuel Cell Program.

**Item 2021-313**

**Program Revision**

**Logistics Management Associate of Science Degree**

**Description**

This program is designed to prepare students for employment as logistics planners, transportation analysts, inventory planners, and purchasing analysts. The program will allow the student to develop organizational skills which can lead to advancement in operations management, transportation, purchasing, materials management, and supply chain. The sequence of courses will provide the student the opportunity to acquire the knowledge and skills demanded of the modern logistics specialist. The sequence in which courses are taken may be modified to meet individual needs.

**Item 2021-314**

**Program Revision**

**Logistics Management Certificate of Achievement**

**Description**

This certificate is designed to prepare students for entry-level employment in logistics, transportation, inventory management, purchasing and supply chain. The certificate will allow the student to develop organizational skills which can lead to advancement in operations management, transportation, purchasing, materials management, and related areas. The sequence of courses will provide the student the opportunity to acquire the knowledge and skills demanded of the modern logistics specialist. The sequence in which courses are taken may be modified to meet individual needs.

**Item 2021-315**

**Program Revision**

**Mathematics Associate in Science for Transfer**

**Description**

The Associate in Science in Mathematics for Transfer (AS-T) Degree is intended to meet the lower division requirements for Mathematics majors at a CSU campus that offers a Mathematics baccalaureate degree. Mathematics is the language of the physical and technical sciences. As such, this Degree also partially satisfies the lower division requirements for a variety of baccalaureate degrees including Engineering, Physics, Computer Science and Chemistry.

**Item 2021-321**

**Credit Course Revision**

**CARP 060A Cabinet, Millwork and Assembly**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course provides details of cabinetry fabrication from design and function through the complete production process. Emphasis is placed on print interpretation, job planning,



and proper construction sequence. Countertops and hardware styles and types are discussed. Students use the methods and procedures presented to build typical base casework to industry standards.

**Item 2021-322**

**Credit Course Revision**

**CARP 060B Plastic Laminates**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course covers the materials, tools, and adhesive application techniques for fabricating plastic laminated countertops. Also covered is the installation of plastic laminates, including function and design. Students review prints to determine substrates and laminate material types, and to calculate countertop dimensions. Emphasis is placed on installation methods and techniques for drop edges and backsplashes, as well as cleaning and repair. Students design and install a countertop to specifications while using tools and other equipment correctly.

**Item 2021-323**

**Credit Course Revision**

**CARP 060C Doors and Door Frames**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course covers the installation process of doors and door frames, from constructing rough openings to hanging and adjusting doors. Emphasis is placed on print interpretation, door schedules, symbols, and hardware recognition. Students use the methods and procedures covered during the course to install select frames and doors.

**Item 2021-324**

**Credit Course Revision**

**CARP 060D Stair Trim**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course covers how various trims are utilized to finish stair construction design features. Students use the techniques presented to complete a stair, railing, and wall project. Product styles, characteristics, applications, and installation methods are included in the discussions. The tool techniques for cutting materials, mitering corners, and installing selected trim types are presented and practiced throughout the training.

**Item 2021-325**

**Credit Course Revision**

**CARP 060E Commercial Fixtures**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course covers print interpretation and fabrication techniques used in the preparation and installation of commercial store fixtures. Emphasis is placed on pre-job planning, proper hand and power tool use, and safety measures. Students apply the procedures covered in the course to complete valance and wall panel installations.

**Item 2021-326**

**Credit Course Revision**

**CARP 060F Fitting Rooms/Partitions**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course covers style comparison, attachment methods, and installation techniques for various fitting room and partition fixtures. Framing elements, mounting brackets,

and panel products are covered. Students use procedures covered in the course during fitting room and partition application projects.

**Item 2021-327**

**Credit Course Revision**

**CARP 060G Exit & Electrical Security Devices**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course covers the classifications, types, models, codes, and uses for accident hazard exit (i.e., “panic”) devices and fire exit devices. A range of security products and door hardware used in the industry (e.g., crossbars, latches, flush bolts, and kick plates) are discussed, and the proper selection, installation, and adjustment techniques for selected devices are included.

**Item 2021-328**

**Credit Course Revision**

**CARP 060H Solid and Stone Surfaces**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the mill and cabinet work industry. The course provides both basic and advanced assembly and installation techniques for solid surface, natural stone, and manufactured materials. Topics include various products, designs, materials, accessories, maintenance, repairs and safety considerations. Discussions about typical applications for different surface types aid in the identification of suitable materials. Students use the procedures covered in the course to fabricate countertops with backsplashes and create a design inlay.

**Item 2021-329**

**Credit Course Revision**

**CARP 060I Hand/Power Tool Usage**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course covers the proper selection, safe use, and maintenance of both hand and power tools. Students learn to distinguish conditions when the use of hand and power tools are appropriate alternatives to stationary saws and equipment. Discussions help students identify key tool features, accessories, and tasks that can be performed using a variety of methods and techniques. Practical exercises focus on various saw types, hand planes, and handheld drills.

**Item 2021-330**

**Credit Course Revision**

**CARP 060J Power Tools & Stationary Equipment**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course provides instruction for the power tools and stationary equipment typically used in millwork production. Students identify appropriate procedures and machining operations for various milling applications. Practical exercises focus on shaping materials using various types of stationary saws, planes, sharpeners and power tools.

**Item 2021-331**

**Credit Course Revision**

**CARP 060K Print Reading & Stock Billing**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course focuses on working drawings used in the designing and building of a project. Instruction includes an explanation of the methods and procedures used to identify the

components and materials needed to finish projects. Students study floor plans, elevations, and detail drawings to determine the design, wood types, style, and features of construction and assembly details.

**Item 2021-332**

**Credit Course Revision**

**CARP 060L Material and Hardware Applications**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the carpentry industry. The course covers the characteristics and construction suitability of various types of wood, woodworking materials, and hardware typically used in the cabinet making industry. Emphasis is placed on cabinet making design and wood selection. Working with a variety of wood samples, students develop the ability to recognize the natural qualities associated with a particular wood species. Practical exercises include handling selected wood species, and provide experience working with a variety of hardware.

**Item 2021-333**

**Credit Course Revision**

**CARP 060M Production Casework and Assembly**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the mill and cabinet work industry. The course provides details of cabinetry fabrication, from design and function through the complete production process. Emphasis is placed on print interpretation, job planning, and proper construction sequence. Countertops and hardware styles and types are discussed. Students use the methods and procedures covered in the course to build typical base casework to industry standards.

**Item 2021-334**

**Credit Course Revision**

**CARP 060N Laminates and Overlays**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the mill and cabinet work industry. The course covers materials, tools, and adhesive application techniques for the fabrication and installation of plastic laminated countertops. Students review prints to determine substrates and laminate material types, and to calculate countertop dimensions. Emphasis is placed on installation methods and techniques for drop edges and backsplashes, as well as cleaning and repair. Students design and install a countertop to specifications while using tools and other equipment correctly.

**Item 2021-335**

**Credit Course Revision**

**CARP 060P Jigs, Fixtures and Accessories**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the mill and cabinet work industry. The course provides instruction for jigs, fixtures, and other accessories typically used with power and stationary tools for the production of millwork. A wide range of accessories and their applications are identified during training, and discussions enable students to explain when and how add-on equipment makes work easier and improves productivity. Students use the techniques covered in the course to select and attach accessories and to fabricate custom jigs.

**Item 2021-336**

**Credit Course Revision**

**CARP 060R Millwork and Specialty Applications**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the mill and cabinet work industry. The course covers how moldings and trims are utilized to finish wall and cabinets. Students are introduced to product styles, characteristics, and millwork; specialty applications and installation methods are also included in this training. The tool techniques for milling profiles, measuring, cutting, coping, and installing various molding, trim, and specialty items are presented and practiced throughout the course.

**Item 2021-337**

**Credit Course Revision**

**CARP 060S Computerized Project Planning and Estimating**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the mill and cabinetmaker industry. The course focuses on computerized project planning and estimating tasks. Training begins with a brief review of basic computer operations. Students use project prints and specifications to determine material types, sizes, and quantities; and to plan and estimate material and labor costs using Microsoft Windows, Word, and Excel worksheets.

**Item 2021-338**

**Credit Course Revision**

**CARP 060T Computer Applications CAD-CAM**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the mill and cabinetmaker industry. The course focuses on computerized software used to create production drawings and cabinetry designs. Training includes a brief review of basic computer operations, including access to software, internet, and email programs. Students become familiar with the organization of computer aided design (CAD) software user interface (AutoCAD 2014), basic drawing commands, and file saving tools. Discussion includes an overview of computer aided manufacturing (CAM) from design to production, and students use CAD drawing tools to create a base cabinet design.

**Item 2021-339**

**Credit Course Revision**

**CARP 060V Building Information Modeling Concepts**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the mill and cabinetmaker industry. The course focuses on computerized software used in project management planning, workflows, and troubleshooting. Training includes a brief review of basic computer operations, including access to software, internet, and email programs. Students analyze building information modeling (BIM) project data to grasp basic concepts related to viewing three-dimensional building models, project scheduling, and construction problem-solving features.

**Item 2021-340**

**Credit Course Revision**

**CARP 060W Building Information Modeling Computer Applications**

**Description**

This course is designed to meet the needs of indentured apprentices with the State of California who are interested in the mill and cabinetmaker industry. The course focuses on computerized software used to develop three-dimensional models of construction projects. Training provides an introduction to the design process using various drawing software. Students practice importing and exporting design elements into building information modeling (BIM) organization structures for project management and workflow assessment. The course also includes a review of basic computer skills.

**Item 2021-341****Credit Course Revision****CHIN 101 Chinese I****Description**

This course provides the student with an introduction to the Chinese language and culture. The course stresses oral and written proficiency through fundamental use of Chinese pronunciation and the Pinyin Spelling System. Students will also receive an introduction to Chinese characters. Various facets of Chinese history, culture and civilization will also be analyzed via cross-cultural comparisons. In addition to classroom discussion, students are required to complete at least 27 hours of intensive individualized oral-aural practice in the Language Laboratory via interactive websites, audio CDs, video programs, and films. The Language Laboratory focuses on vocabulary, grammar, and cultural practices. This course is intended for those interested in learning to speak Chinese as well as for those seeking a degree in the Chinese language.

**Item 2021-342****Credit Course Revision****CHIN 102 Chinese II****Description**

This course is a continuation of the essentials of the Chinese Language. The course stresses oral and written proficiency through fundamental use of Chinese pronunciation and the Pinyin Spelling System. Students will continue to further their knowledge of Chinese characters. Various facets of Chinese history, culture and civilization will also be analyzed via cross-cultural comparisons. In addition to classroom discussion, students are required to complete at least 27 hours of intensive individualized oral-aural practice in the Language Laboratory via interactive websites, audio CDs, video programs, and films. The Language Laboratory focuses on vocabulary, grammar and cultural practices. This course is intended for those interested in learning to speak Chinese as well as for those seeking a degree in the Chinese language.

**Item 2021-343****Credit Course Revision****JAPN 101 Japanese I****Description**

This introductory course focuses on Japanese language and culture. The course stresses oral and written proficiency through fundamental use of the Japanese language, as well as the Hiragana and Katakana script. Students also receive an introduction to Kanji characters. Various facets of Japanese history, culture and civilization are also analyzed via cross-cultural comparisons. In addition to classroom discussion, students are required to complete at least 27 hours of intensive individualized oral-aural practice via interactive websites, audio CDs, video programs, and films in the RHC Language, where work focuses on vocabulary, grammar, and cultural practices. This course is intended for students interested in learning to speak Japanese, as well as those seeking a degree in Japanese language.

**Item 2021-344****Credit Course Revision****JAPN 102 Japanese II****Description**

This course is a continuation of JAPN 101. The course stresses oral and written proficiency through fundamental use of the Japanese language, as well as the Hiragana and Katakana script. Students also further their knowledge of Kanji characters. Various facets of Japanese history, culture and civilization are also analyzed via cross-cultural comparisons. In addition to classroom discussion, students are required to complete at least 27 hours of intensive individualized oral-aural practice via interactive websites, audio CDs, video programs, and films in the RHC Language Laboratory, where work focuses on vocabulary, grammar, and cultural practices. This course is intended for students interested in learning to speak Japanese, as well as those seeking a degree in Japanese language.

**Item 2021-345**

**Credit Course Revision**

**LOG 130 Computerized Logistics**

**Description**

This course is intended for students seeking a career in logistics or supply chain management. The course covers the need and use of computers in the supply chain and logistics industry, as well as an introduction to available, related software (e.g., enterprise resource planning, demand planning, and warehouse management applications). Emphasis is placed on the need to balance supply with demand through mathematical models and computerized analysis.

**Item 2021-346**

**Credit Course Revision**

**LOG 135 Quality Management Concepts**

**Description**

This course is intended for students seeking a career in logistics or supply chain management. The course covers the basic principles, objectives, and policies of a quality management program. Topics include the implementation of continuous quality improvement and understanding various quality philosophies such as Deming's 14 Points, process management, ISO 9000 certification, Six Sigma efforts, Baldrige Award criteria, and an introduction to statistical process control.

**Item 2021-347**

**Credit Course Revision**

**SPCH 140 Argumentation and Debate**

**Description**

This course is an introduction to the principles and techniques of argumentation and debate. Effective methods of research, critical analysis, reasoning, refutation, and listening are stressed. Through debate participation and analysis, students will gain the knowledge and skills to advocate and refute argumentative positions. This course is particularly appropriate for students anticipating entering occupations where argumentation, negotiation, and issue-analysis are likely to occur.

**C) First Readings: *No Items***

**IV. UNFINISHED BUSINESS:**

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

**Item 2021-028**

**New Credit Course**

**ENGR 101 Introduction to Engineering**

**Description**

An introductory course to engineering with the exploration of different branches of engineering, industries, and functions of an engineer. Explains the engineering education and explores effective strategies for students to reach their full academic potential. Introduction to the methods and tools of engineering problem solving and design including the interface of the engineer with society and engineering ethics. Students will practice developing communication skills pertinent to the engineering profession. In addition to academic skills, students will also 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 ready students for careers in the preparation of construction documents for Civil Engineering projects. The coursework provides a focus on the preparation of common civil project drawings using industry-standard drawing techniques and conventions with hand and/or computer-aided drafting tools. Additionally, the coursework includes exposure to the broad range of sub-disciplines within the field of Civil Engineering.

***Tabled Item from March 24, 2021***

**Item 2021-248**

**Request to offer a course via Distance Education – ONLINE  
BIOL 125 Human Anatomy**

***Distance Ed Requests pending 2<sup>nd</sup> read review and 508 Compliance approval.***

***(First Read 10/30/19)***

**Item 1920-107**

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

***(First Read 11/6/19)***

**Item 1920-147**

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

***(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**

***(First Read 02/05/20)***

**Item 1920-266**

**Request to offer a Course via Distance Education - ONLINE  
TCED 044 OSHA Workplace Safety**

***(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**

***(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**

*(First Read 04/01/20)*

**Item 1920-392**

Request to Offer a Course via Distance Education - **ONLINE**  
LOG 110 Warehouse Management

*(First Read 04/22/20)*

**Item 1920-431**

Request to offer a Course via Distance Education - **ONLINE**  
LOG 105 Purchasing Management

**Item 1920-432**

Request to offer a Course via Distance Education - **ONLINE**  
LOG 115 Inventory Management

*(First Read 05/20/20)*

**Item 1920-495**

Request to offer a Course via Distance Education - **ONLINE**  
KIN 115 Fitness Specialist Internship

*(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



*(First Read 11/04/20)*

**Item 2021-078**

Request to offer a course via Distance Education – HYBRID  
SPCH 101H Public Speaking Honors

*(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

*(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

*(First Read 04/14/21)*

**Item 2021-263**

Request to offer a course via Distance Education – *ONLINE*  
BIOL 105 Human Biology

**Item 2021-264**

Request to offer a course via Distance Education – HYBRID  
DANC 179H Dance History Honors

**Item 2021-267**

Request to offer a course via Distance Education – *ONLINE*  
ENGT 150 AutoCAD for Basic CADD Applications

*(First Read 05/12/21)*

**Item 2021-265**

Request to offer a course via Distance Education – HYBRID  
DANC 199H Dance Appreciation Honors

**Item 2021-266**

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

**Item 2021-268**

**Request to offer a course via Distance Education – ONLINE  
GIS 130 Field Data Applications for GIS**

**Item 2021-269**

**Request to offer a course via Distance Education – ONLINE  
GIS 221 Cartography Design and Geographic Information Systems**

**Item 2021-270**

**Request to offer a course via Distance Education – ONLINE  
GIS 222 GIS for Civil Engineering and Public Works**

**Item 2021-271**

**Request to offer a course via Distance Education – ONLINE  
GIS 230 GIS for Geographic Information Systems (GIS) in Environmental Technology**

**Item 2021-272**

**Request to offer a course via Distance Education – ONLINE  
GIS 280 Geospatial Programing and Web Services**

**Item 2021-273**

**Request to offer a course via Distance Education – ONLINE  
GIS 281 Crime Mapping and Analysis**

**Item 2021-274**

**Request to offer a course via Distance Education – ONLINE  
KINA 136 Pilates Mat I**

**Item 2021-275**

**Request to offer a course via Distance Education – ONLINE  
KINA 140 Walking for Fitness**

**Item 2021-276**

**Request to offer a course via Distance Education – ONLINE  
KINA 148 Strength Training**

**Distance Ed Requests pending 508 compliance approval only – (New Model DE language included)**

***(First Read 05/12/21)***

**Item 2021-348**

**Request to offer a course via Distance Education – ONLINE  
CHIN 101 Chinese I**

**Item 2021-349**

**Request to offer a course via Distance Education – ONLINE  
CHIN 102 Chinese II**

**Item 2021-350**

Request to offer a course via Distance Education – ONLINE  
ENGT 105 Introduction to Technical Freehand Sketching

**Item 2021-351**

Request to offer a course via Distance Education – ONLINE  
ENGT 122 Engineering Design Graphics

**Item 2021-352**

Request to offer a course via Distance Education – ONLINE  
ENGT 131 Engineering and Manufacturing Applications of Technical Drawing

**Item 2021-353**

Request to offer a course via Distance Education – ONLINE  
ENGT 170 MicroStation for Basic CADD Applications

**Item 2021-354**

Request to offer a course via Distance Education – ONLINE  
ENGT 200 Intermediate CAD Modeling for Design & Production

**Item 2021-355**

Request to offer a course via Distance Education – ONLINE  
ENGT 231 Technical Product Design and Presentation

**Item 2021-356**

Request to offer a course via Distance Education – ONLINE  
ENGT 250 Parametric Modeling 3D Applications for Mechanical Design

**Item 2021-357**

Request to offer a course via Distance Education – ONLINE  
ENGT 270 SolidWorks for 3D Modeling and Prototype Applications

**Item 2021-358**

Request to offer a course via Distance Education – ONLINE  
FR 201 French III

**Item 2021-359**

Request to offer a course via Distance Education – ONLINE  
FR 202 French IV

**Item 2021-360**

Request to offer a course via Distance Education – ONLINE  
JAPN 101 Japanese I

**Item 2021-361**

Request to offer a course via Distance Education – ONLINE  
JAPN 102 Japanese II

**Item 2021-362**

Request to offer a course via Distance Education – ONLINE  
KINA 158 Yoga I

**Item 2021-363**

**Request to offer a course via Distance Education – ONLINE  
LOG 130 Computerized Logistics**

**Item 2021-364**

**Request to offer a course via Distance Education – ONLINE  
LOG 135 Quality Management Concepts**

**Item 2021-365**

**Request to offer a course via Distance Education – ONLINE  
SPCH 140 Argumentation and Debate**

**Item 2021-366**

**Request to offer a course via Distance Education – ONLINE  
NVOC 150 AutoCAD for Basic CADD Applications**

**Item 2021-367**

**Request to offer a course via Distance Education – ONLINE  
NVOC 170 Microstation Basic CADD**

**Item 2021-368**

**Request to offer a course via Distance Education – ONLINE  
NVOC 250 Parametric Modeling 3D Applications**

**Item 2021-369**

**Request to offer a course via Distance Education – ONLINE  
NVOC 270 SolidWorks for 3D Modeling and Prototype Applications**

**V. DISCUSSION ITEMS/ATTACHMENTS**

**VI. ADJOURNMENT**