



# Addendum

## 2023 – 2024

# College Catalog

**RIO HONDO COLLEGE**  
**Addendum to 2023-2024 Catalog**

**Effective Spring 2024**

The Rio Hondo College Catalog Addendum represents course and program additions since the last publication of the catalog. Included in the Addendum are new certificates as well as new courses that will be offered in the Spring and Summer of 2024. These changes are effective as of the Spring 2024 semester.

Students are advised to consult with a counselor for questions pertaining to the academic programs offered at Rio Hondo College.

**NEW**

**CERTIFICATES**

**OF**

**ACHIEVEMENT**



### ARCHITECTURE: BASIC KNOWLEDGE

#### Description

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**Division** Career and Technical Education

**Award Type** Certificate of Achievement

#### Description

This Certificate of Achievement provides a focus on the basic knowledge courses of study for students in preparation to enter into majors in Architecture. Emphasis is placed on foundational knowledge in the use of architectural document reading and architectural styles. Coursework involves the interpretation of basic architectural documents and projects accomplished within an industry environment, as is common in entry-level workplace conditions.

To acquire the **Certificate of Achievement in Architecture: Basic Knowledge**, it is necessary to complete the following courses:

#### Program Sequencing

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Required Courses		Units: 8
ARCH 103	History of Architecture: Renaissance to Present	3
ARCH 110	Construction Document Reading and Estimating	3
ENGT 105	Introduction to Visualization, Sketching, & Rendering	2
		<b>Total: 8</b>



### ARCHITECTURE: BASIC SKILLS

#### Description

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**Division** Career and Technical Education

**Award Type** Certificate of Achievement

**Description**

This Certificate of Achievement provides a focus on the basic skill courses of study for students in preparation to enter into majors in Architecture. Emphasis is placed on foundational skills in the use of architectural document reading and creating, use of industry tools. Coursework involves the preparation of basic Architectural documents and projects accomplished within an industry environment, as is common in entry-level workplace conditions.

To acquire the **Certificate of Achievement in Architecture: Basic Skills**, it is necessary to complete the following courses:

#### Program Sequencing

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<b>Required courses:</b>		Units: 11
ARCH 115	Introduction to Residential Architecture: Drawing and Design	4
ENGT 101	Introduction to Technical Drawing & Graphics	3
ENGT 150	AutoCAD for Basic CADD Applications	4
<b>Select one of the following courses:</b>		Units: 2-3
ARCH 103	History of Architecture: Renaissance to Present	3
or		
ARCH 110	Construction Document Reading and Estimating	3
or		
ENGT 105	Introduction to Visualization, Sketching, & Rendering	2
		<b>Total: 13-14</b>



## AUTOMOTIVE EV SPECIALIST

### Description

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**Division** Career and Technical Education

**Award Type** Certificate of Achievement

#### Description

The courses in this certificate program are designed for technicians interested in the field of electric vehicles (EVs) in the transportation and equipment industry, and cover the general electrician skills needed to understand and diagnose modern EVs. Usage of the digital volt ohm meter (DVOM), inductive meter, megger meter, and oscilloscope are covered. Emphasis is placed on electrical fundamentals, symbols and circuit diagrams, high-voltage batteries, charging systems, heat pumps for cooling and heating, and LED lighting systems. Students learn the proper use of high voltage electrical diagnostic tools and equipment and how to perform vehicle electrical service and maintenance operations safely. Students also have the opportunity to perform minor repair work on hybrid and high voltage vehicles to complete required tasks. The completion of this certificate requires 75 hours of work experience in the electric automotive industry.

To acquire the **Certificate of Achievement in Automotive EV Specialist**, it is necessary to complete the following courses:

### Program Sequencing

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Required Courses		Units: 15
AUTO 131	Automotive EV Electronics I*	3
AUTO 132	Automotive EV Electronics II*	3
AUTO 157	Automotive Specialized Electronics Training*	4
AUTO 260	Advanced Hybrid/Electric Vehicle*	4
AUTO 290	Cooperative Work Experience/Internship for Automotive Technology Related Fields	1

\*Prerequisite

**Total: 15**



### CRIME SCENE INVESTIGATIONS AND FORENSICS

#### Description

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**Division** Public Safety

**Award Type** Certificate of Achievement

#### Description

The Certificate of Achievement in Crime Scene Investigations and Forensics offers instruction in the areas of crime scene processing and documentation, evidence preservation, blood spatter, DNA, fingerprints, photography, report writing, and legal issues relating to physical evidence. The curriculum prepares students with a foundation in crime scene investigations (CSI) and forensics, and is designed to meet the needs of students seeking an entry-level civilian position working crime scenes or handling evidence, as well as to enhance the credentials of law enforcement officers interested in CSI.

To acquire the **Certificate of Achievement in Crime Scene Investigations and Forensics**, it is necessary to complete the following courses:

#### Program Sequencing

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#### Required Courses

Units: 12

AJ 135	Introduction to Criminalistics*	3
AJ 136	Crime Scene Investigation*	3
AJ 208	Principles of Investigation*	3
AJ 275	Introduction to Forensic Science	3

\*Prerequisite

**Total: 12**





### POLICE ACADEMY MODULE II AND III

#### Description

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**Division** Public Safety

**Award Type** Certificate of Achievement

**Description**

The Police Officer Training Certificate of Achievement is a program designed to prepare students to become entry-level police officers in local and state law enforcement agencies in California. This training course comprises 42 learning domains, including instruction in leadership, professionalism and ethics, the criminal justice system, policing in the community, introduction to criminal law, laws of arrest, search and seizure, presentation of evidence, investigative report writing, emergency vehicle operations, de-escalation and use of force training, traffic enforcement, crime scene investigation and evidence collection, forensics, custody, arrest and control methods, first aid/CPR, firearms, chemical agents, information systems, crimes against the justice system, cultural diversity/discrimination, and procedural justice. The course meets the certification requirements of the Commission on Peace Officer Standards and Training (POST).

To acquire the **Certificate of Achievement in Police Academy Module II and III**, it is necessary to complete the following courses:

#### Program Sequencing

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**Required Courses**

PAC 075E	Basic Academy Intensive Modular III
PAC 075F	Basic Academy Intensive Modular II

Units: 15.5

7

8.5

**Total: 15.5**





### PUBLIC SAFETY DISPATCHER

#### Description

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**Division** Public Safety

**Award Type** Certificate of Achievement

#### Description

The Public Safety Dispatcher Certificate of Achievement is designed to prepare students to meet the skills, needs, and minimum requirements for public safety dispatchers and communications technicians for municipal, county, and state agencies. The curriculum prepares students with a foundation in the basics of criminal law, professionalism and ethics, emergency telephone answering techniques, radio dispatching, radio codes, critical incidents, stress management, and community policing and relations. The skills developed during classes enhance students' knowledge of the criminal justice system and in-depth understanding of written and oral emergency communication, as well as issues pertinent to the dispatch profession, including assessing problems, prioritizing resources, and identifying solutions using good judgement.

To acquire the **Certificate of Achievement in Public Safety Dispatcher**, it is necessary to complete the following courses:

#### Program Sequencing

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Required Courses		Units: 6
PAC 071	Public Safety Dispatcher Basic Course	6
Choose one of the following		Units: 12
AJ 041	Effective Written Communication for Public Service Personnel	3
AJ 101	Introduction to Administration of Justice	3
CORR 101	Introduction to Corrections	3
HMLD 101	Introduction to Homeland Security	3
		<b>Total: 18</b>

**NEW**

**NONCREDIT**

**CERTIFICATES**



### COMMUNICATIONS FOR CAREER AND COLLEGE PREPARATION

#### Description

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**Division** Communications and Languages

**Award Type** Noncredit Certificate of Competency

**Description**

This program is designed to build foundational practices for successful college and career entry. Competencies include verbal and written communication, critical thinking, intercultural collaboration, growth mindset, and academic self-efficacy. Students gain knowledge and tools for successfully developing their academic, vocational, and personal goals.

To acquire the **Noncredit Certificate of Competency in Communications for Career and College Preparation**, it is necessary to complete the following courses:

#### Program Sequencing

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**Required**

Units: 0

NCOM      Academic Enrichment

012

NBIZ 020      Workforce Preparation: 21st Century Skills



### FAMILY CHILD CARE HOME LICENSE PREPARATION

#### Description

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**Division** Behavioral and Social Sciences

**Award Type** Noncredit Certificate of Completion

**Description**

This certificate prepares students to become a family childcare home provider. Students gain orientation to basic early childhood education principles as they relate to caring for the physical, cognitive, and emotional well-being of young children. The program provides guidance on the application procedures and regulation requirements for seeking the Family Child Care Home License.

To acquire the **Noncredit Certificate of Completion in Family Child Care Home License Preparation**, it is required to complete the following courses:

#### Program Sequencing

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**Required courses**

Units: 0

NBSS 040	Family Child Care License Preparation, Nutrition, Safety and Preventative Health
NHSN 033	Pediatric First Aid CPR AED



### PRECALCULUS I

#### Description

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**Division** Mathematics, Sciences, and Engineering

**Award Type** Noncredit Certificate of Competency

**Description**

This academic preparation certificate is for a course of study in math analysis and trigonometry for successful achievement in advanced secondary math education. Students achieve proficiency in conceptual analyses of algebraic, polynomial, rational, logarithmic, exponential, trigonometric functions and their application to calculations. Students who complete the program are prepared to begin a course of study in calculus.

To acquire the **Noncredit Certificate of Competency in Precalculus I**, it is required to complete the following courses:

#### Program Sequencing

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**Required Courses**

Units: 0

NBAS      Math Analysis

026

NBAS      Trigonometry

027



### PRECALCULUS II

#### Description

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**Division** Mathematics, Sciences, and Engineering

**Award Type** Noncredit Certificate of Competency

**Description**

This academic preparation certificate is for a precalculus course of study in advanced integrated secondary math education. Students achieve proficiency in conceptual analyses of algebraic, polynomial, rational, logarithmic, exponential, trigonometric functions and their application to calculations. Students who complete the program are prepared to begin a course of study in calculus.

To acquire the **Noncredit Certificate of Competency in Precalculus II**, it is required to complete the following courses:

#### Program Sequencing

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**Required Courses**

Units: 0

NBAS 028	Precalculus with Trigonometry Part A
NBAS 029	Precalculus with Trigonometry Part B

**NEW**

**CREDIT**

**COURSES**



**WFT 078****Wildland Basic Fire Academy****Units 9****Prerequisite: FTEC 044****Advisory: WFT 101 or WFT 102 or WFT 103 or WFT 104 or WFT 105**

*This course is designed for students who want to gain basic certification as a wildland firefighter via the acquisition of certificates through the National Wildfire Coordinating Group (NWCG), California State Fire Marshal, and American Heart Association (AHA). This course provides training in hand crew formation, fireline construction, and the use of wildland fire equipment. Students are certified in Human Factors in the Wildland Fire Service (NWCG L-180), Firefighter Training (NWCG S-130), Firefighter Type 1 (NWCG S-131), Introduction to Wildfire Fire Behavior (NWCG S-190), AHA First Aid/CPR/AED Certification, and California Specialized Training Institute's (CSTI) Hazardous Materials First Responder Awareness (FRA) and Hazardous Materials First Responder Operations (FRO). Students learn about wildland fire crews (engine crews, hand crews, hotshot crews, helitak crews, and smokejumpers), wildland fire behavior, wildland firefighters' personal protective equipment, wildland firefighter safety, helicopter safety, dozer safety, wildland fire pumps, and wildland fire tools and firing devices. This course includes arduous physical conditioning, including hiking with up to 45 pounds of weight and other strenuous outdoor activities. The academy exceeds the United States Forest Service (USFS) minimum training requirements for an entry-level wildland firefighter for certification purposes.*

**126 Lecture hours/108 Lab hours**

## Contact Us

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