

WyoTech
2023/2024 Catalog Addenda to
Volume I, Published January 9, 2023
Effective Date: 12/12/2023

ADDENDUM, Effective 03/23/2023

The information below is added to the current information regarding Transcript and Diploma Release, on page 37.

All transcripts will be maintained for the life of the institution. In the event of school closure, transcripts can be requested through the Wyoming Department of Education.

ADDENDUM, Effective 03/23/2023

The information below is added to the current information under Licensure, on page 10.

- WyoTech is licensed by the Oregon Higher Education Coordinating Commission, 3225 25th St SE, Salem OR 97302.

ADDENDUM, Effective 03/23/2023

The information below is an update to the state specific information for Oregon, on page 88.

Students aggrieved by action of the school should attempt to resolve these problems with appropriate school officials. Should this procedure fail students may contact: Higher Education Coordinating Commission 3225 25th St SE, Salem, OR 97302. After consultation with appropriate staff and if the complaint alleges a violation of Oregon Revised Statutes 345.010 to 345.470 or standards of the Oregon Administrative Rules 715-045-0001 through 715-045-0210, the commission's executive director will begin the complaint investigation process as defined in OAR 715-045-0023, Appeals and Complaints.

ADDENDUM, Effective 03/23/2023

The information below is an update to the state specific information for Oregon regarding Student Cancellation and Refund Policy, on page 88.

A student may cancel enrollment by giving written notice to the school. Unless the school has discontinued the program of instruction, the student is financially obligated to the school according to:

1. If cancellation occurs within five (5) business days of the date of enrollment, and before the commencement of classes, all monies specific to the enrollment agreement shall be refunded.
2. If withdrawal or termination occurs after the commencement of classes and before completion of 50 percent of the contracted instruction program, the student shall be charged according to the published class schedule. The student shall be entitled to a pro rata refund of the tuition when the amount paid exceeds the charges owed to the school. In addition to the pro-rated tuition, the school may retain the registration fee, book and supply fees, and other legitimate charges owed by the student.

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ADDENDUM, Effective 06/16/2023

The information below is added to the current information regarding the course number for Power Trains on page 72.

MOTORSPORTS CHASSIS FABRICATION WITH DIESEL TECHNOLOGY			
Credential	Clock Hours	Credit Units	Length
Diploma	1440	60.0	9 months
Diesel Technology Core Requirements			
Course Number	Course Title	Clock Hours	Semester Credit Hours
1060	Fluid Power and Electrical Systems	240	10.0
1070	Engines	240	10.0
1080	Engine Management Systems and Refrigeration	240	10.0
1090	Power Trains	240	10.0
	Core Total	960	40.0

ADDENDUM, Effective 06/16/2023

The information below is added to the current information regarding programs being offered on page 71.

The Diesel/Auto Vehicle Program is no longer being offered and no current students are enrolled or participating in the program.

ADDENDUM, Effective 06/16/2023

The information below is added to the current information regarding the Fall 2024 Calendar on page 82.

Fall 2024

October Registration	Friday, September 27, 2024
Course Session	Monday September 30, 2024 – Thursday, November 7, 2024
Finals and Course End	Thursday, November 7, 2024
Course Session	Friday, November 8, 2024 – Friday, December 20, 2024
Thanksgiving Holiday Break	Thursday, November 28, 2024 – Friday, November 29, 2024
Finals and Graduation	Friday, December 20, 2024
Scheduled Break	Saturday, December 21, 2024 – Sunday, December 29, 2024

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ADDENDUM, Effective 06/16/2023

The information below is an update to the Academic Calander on page 83.

2026 Academic Calendar

Winter 2026

January Registration	Monday, December 29, 2025
Course Session	Monday, December 29, 2025 – Friday, February 6, 2026
New Years Day Holiday	Thursday, January 1, 2026
Finals and Course End	Friday, February 6, 2026
Course Session	Monday, February 9, 2026 – Friday, March 20, 2026
President’s Day Holiday	Monday, February 16, 2026
Finals and Graduation	Friday, March 20, 2026
Scheduled Break	Saturday, March 21, 2026 – Monday, March 30, 2026

Spring 2026

April Registration	Monday, March 30, 2026
Course Session	Tuesday, March 31, 2026 – Friday, May 8, 2026
Finals and Course End	Friday, May 8, 2026
Course Session	Monday, May 11, 2026 – Friday, June 19, 2026
Memorial Day Holiday	Monday, May 25, 2026
Finals and Graduation	Friday, June 19, 2026
Scheduled Break	Saturday, June 20, 2026 – Tuesday, June 30, 2026

Summer 2026

July Registration	Tuesday, June 30, 2026
Course Session	Wednesday, July 1, 2026 – Monday, August 10, 2026
Finals and Course End	Monday, August 10, 2026
Course Session*	Tuesday, August 11, 2026 – Friday, September 18, 2026
Labor Day Holiday	Monday, September 7, 2026
Finals and Graduation	Friday, September 18, 2026
Scheduled Break	Saturday, September 19, 2026 – Monday, September 28, 2026

*Must have one Saturday class

Fall 2026

October Registration	Monday, September 28, 2026
Course Session	Tuesday, September 29, 2026 – Friday, November 6, 2026
Finals and Course End	Friday, November 6, 2026

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Course Session*	Monday, November 9, 2026 – Friday, December 18, 2026
Thanksgiving Holiday Break	Thursday, November 26, 2026 – Friday, November 27, 2026
Finals and Graduation	Friday, December 18, 2026
Scheduled Break	Saturday, December 19, 2026 – TBD

*Must have one Saturday class

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ADDENDUM, Effective 07/20/2023

The information below is an update to the Course Descriptions on pages 71 – 73 and 75-76.

Effective the July 2023 Term, Courses 1060W and 1080W will replace the existing courses 1060 and 1080.

1060W – Fluid Power and Refrigeration (FP&R)

The course introduces students to the principles of hydraulics and refrigeration systems in a heavy-duty diesel application including off-highway equipment. Hydraulic and mechanical systems covered include hydraulic schematics, hydrostats, skid steers. Track drive systems, gearing basics, and final drives. Heating ventilation and Transportation refrigeration. Also covered is shop and machine safety and machine/hydraulic preventative maintenance inspections.

1080W – Engine Management Systems (EMS)

This course introduces students to principles of electricity, electrical circuits, electrical test instruments, commercial batteries, and heavy-duty starting and charging systems. Also covers diesel engine management systems including electronic engine controls, multiplexing, sensors, processors, actuators, on-board diagnostics, use of service information, multi-meters, and wire repair. Also covered automated machines, telematics, autonomous machine operation, and environmental considerations.

ADDENDUM, Effective 10/24/2023

The information below is an update to the Attendance Suspension Appeals Procedure on Page 25.

Upon receipt of the required documentation, an attendance appeals committee will be formed and will review the extenuating circumstances set forth by the student. Each individual appeal is evaluated on a case-by-case basis and strong consideration is given to the particular circumstances causing the student's absences, the likelihood that attendance will improve moving forward, and the viability the student has of being successful in his/her current course or program. For additional information see Student Appeals Procedure on page 33.

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ADDENDUM, Effective 11/14/2023

The information below is an addition to the Program Information and Course Descriptions



APPLIED WELDING TECHNOLOGY PROGRAM

The objective of the Applied Welding Technology program is to provide students with skills necessary to obtain a broad range of entry-level welder positions in the workplace. The Applied Welding Program will teach students to be well versed in all the major arc welding processes, welding in multiple positions on various types of metal.

Coupled with the welding skills, our students will be taught proper safety measures, blueprint reading, various metal cutting techniques, and fabrication skills that will give them the training for future success. This program will not only teach all the skills needed to be successful in the welding industry but will also reinforce the life skills needed to obtain and retain quality jobs. Through our high standards, strict attendance policies, and professionalism code, our students graduate knowing their future is theirs to build.

Graduates are expected to be hired into positions such as Welders, Cutters, Solderers, Brazers, Machine Setter, Operators, Tenders, Etc. Examples of work include reading and interpreting blueprints, sketches, and specifications; calculate and measure the dimensions of parts to be welded; inspect structures or materials to be welded; weld materials according to blueprint specifications; monitor the welding process and adjust heat as necessary; Weld various types of metal plate or pipe components in flat, horizontal, vertical, or overhead positions; Monitor the fitting, burning, and welding processes to avoid overheating of parts or warping, shrinking, distortion, or expansion of materials; Develop templates and models for welding projects, using mathematical calculations based on blueprint information; maintain equipment and machinery.

The student receives up-to-date training as a modern welder specializing in the areas of Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux Core Arc Welding (FCAW), and Gas Tungsten Arc Welding (GTAW), along with various metal cutting techniques, blue print reading, metallurgy, and metal preparation on various metals including mild steel, stainless steel and aluminum.

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APPLIED WELDING TECHNOLOGY PROGRAM			
Credential	Clock Hours	Semester Credit Hours	Length
Diploma	960	36.0	6 months
Welding Program Course Requirements			
Course Number	Course Title	Clock Hours	Semester Credit Hours
1050	Weld I	240	9.0
1051	Weld II	240	9.0
1052	Weld III	240	9.0
1053	Weld IV	240	9.0

Maximum # of students in classroom: 29 Maximum # of students in lab: 29

COURSE DESCRIPTION

Course 1050: Weld I	9.0 Semester Credit Hours
<p>This course introduces students to the introductory concepts of welding, including common weldments used in industry, good shop practices, proper Personal Protection Equipment (PPE), and reading shop diagrams. Students will learn the skills necessary to become a highly valued productive worker, understand the career pathways welding allows, and develop an understanding of the tools and equipment used by welders. The course includes a comprehensive overview of the theoretical aspects of welding, including the science of a welding arc, metal transfer, electrical current, and an overview of the parts of a weld. Students will learn the proper design, set-up, trouble shooting, and techniques to produce fillet and groove welds in the flat, horizontal, vertical, and overhead positions. Students will also learn the basics of the OxyFuel processes and manual cutting and straight-line machine cutting on mild steel materials as well as the carbon arc gouging to remove weld material. Students use basic mathematics and measurements to learn fabrication and reading shop drawings, including reading welding symbols, understanding weld procedure sheets, and good shop techniques to build weld fabrication projects. Instruction includes types of welds and weld joints, basic metallurgy, fixturing and inspection methods, and the control of distortion from heat while welding.</p> <p>The course will include an introductory overview of the economics of welding, including filler deposition rates, proper weld sizes, cost-saving procedures, and other shop applications to maximize production value. Students will learn the basics of CAD programs in order to design their own welding project. When combined with the other skills they've learned, the student will design a welding project, create a presentation for review, then build their project to an industry equivalent standard.</p>	

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Course 1051: Weld II	9.0 Semester Credit Hours
<p>This course introduces students to theoretical and practical knowledge of Gas Metal Arc Welding, Flux Cored Arc Welding, and Gas Tungsten Arc Welding. Students will learn the principles of wire fed process (GMAW and FCAW) and the proper setup of equipment, shielding gases, and various consumables. Coursework will cover constant voltage power sources associated with GMAW and FCAW, correct polarity, and proper welding techniques. Additionally, students will practice for, and complete, a D1.1 Structural Welding Code 3G and 4G plate test in both the GMAW and FCAW courses. FCAW coverage will include both self-shielded and gas shielded welding wire, and the associated difference between them, on steel and stainless steel. GMAW will include an overview of mild steel, Stainless Steel, and Aluminum welding. The course will introduce students to the GTAW process, including the theoretical knowledge and advanced metallurgy concepts necessary to master the subject. Coverage includes the use of environmental atmosphere controls, such as Purge Blocks, Purge Chambers, and Chill Blocks. Advanced heat controls will be covered in the course, requiring students to master amperage inputs to successfully complete the assignment. The course will cover the various consumables, shielding gases, and equipment necessary to set-up a GTAW welder. Coursework will culminate in a 3F and 4F GTAW break test on Stainless Steel and Aluminum. Included in the course will be various opportunities for Project Based Learning, including fabricating a weldment using supplied shop drawings and weld procedure specifications.</p>	

Course 1052: Weld III	9.0 Semester Credit Hours
<p>This course introduces students to the American Society of Mechanical Engineers (ASME) Section IX, American Petroleum Institute (API) 1104, and American Welding Society (AWS) pipe welding standards. Students will focus on either ASME or API standards coursework, learning the applied standard and techniques required to complete successful welds in the 1G, 2G, 5G, 6G, and 6GR positions. Students will begin with open-root plate welding, then transition to 1G and 2G practice. Instruction will include bevel quality, gap distance, Hi/Lo and other related concepts related to proper fit-up. Laboratory sessions will provide hands-on time to develop skills to produce quality weldments on pipe. Students are required to understand the 6 variables that control keyholing in welding pipe, in addition to the necessary weld size, structural requirements, and internal reinforcement of a good pipe weld. The course covers functions and specific uses of manual welding equipment, various SMAW welding techniques, prepping and fitting pipe coupons, ASME GTAW pipe welding, and welding certification requirements. Additionally, coursework will include the basics of weld inspection, proper weld characteristics, defects and discontinuities, Destructive and Nondestructive testing, and metallurgy.</p>	

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Course 1053: Weld IV	9.0 Semester Credit Hours
<p>This course introduces the basic knowledge and skills of metal fabrication. Students will be provided hands-on instruction in the shop equipment, safety, and fabrication concepts to successfully build a class based, medium scale capstone project. The capstone project is a definitive demonstration of the student's skill to use the skills and techniques learned in the prior course to fabricate a project that meets acceptable industry standards. Coursework will include a thorough presentation of reading and understanding shop drawings and the techniques required to fabricate the weldment. Students will gain a familiarization of mechanized welding processes, but does not include any hands-on operation of resistance, robotic, or submerged arc processes. Topics include safety and health concerns; print reading and sketching; welding symbols and weld gauges; measuring devices and instruments; lay-outs; metal fabricating processes; operation of metal fabricating machines and related material handling equipment; and the design, building, and use of jigs and fixtures. Coursework includes an introduction to welding economics. Students will learn the variables that impact work operability costs, welding process selection for maximum productivity, and the variables that contribute to increasing efficiency.</p>	

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ADDENDUM, Effective 11/14/2023

The information below is an update to A Note from the President on Page 1.

And you ask, how is WyoTech different than others?

1. Our students attend school over 8 hours a day, 5 days a week.
2. Our Automotive programs are 9 months long with over 1400 clock hours of training, more than most schools that extend their training over 2 years.

ADDENDUM, Effective 11/14/2023

The information below is an update to Perfect Attendance Pins on Page 26.

Students should strive for perfect attendance in each course. Although circumstances may arise during the duration of the course causing a student to miss time, students should make every effort to be in class all day, every day.

ADDENDUM, Effective 11/14/2023

The information below is an update to School Uniform Section on Page 30.

- c. Boots: Professional leather-style work boots must be worn and properly laced. No athletic style shoes or sandals are permitted. Applied Welding Program students must wear safety toed boots.

ADDENDUM, Effective 11/14/2023

The information below is an update to Other Required Fees on Page 65.

- Rent – Shared Bedroom \$380/month. Billing is based on the 6-week academic term (\$570/term) or the full 6 or 9 month academic program prepay with a 5% discount (\$2,166 for 6 month program or \$3,249 for 9 month program).
- Rent – Single Bedroom \$500/month. Billing is based on the 6-week academic term (\$750/term) or the full 6 or 9 month academic program prepay with a 5% discount (\$2850 for 6 month program or \$4,275 for 9 month program).