



United Bicycle  
Institute

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*40 Years of teaching  
excellence*

# United Bicycle Institute

Since 1981, we've been on the leading edge of training career-focused mechanics as well as home enthusiasts. A certification from United Bicycle Institute puts students into prestigious alumni of graduates across the bicycle industry. Our instructors bring decades of experience, knowledge, and passion to the classroom, and an 8:1 student to instructor ratio ensures student success.



Every lesson at UBI builds an understanding for how each system on a bicycle works, with hands-on guidance and procedures. This combination of learning the why and how (and doing), gives our students the ability to hone their problem-solving skills, becoming well-rounded mechanics.

UBI is licensed by the Oregon Higher Education Coordinating Commission as a private career school. UBI is approved by the Veterans Administration for training using educational programs, such as the Post 911 GI Bill ® and VA Readiness and Employment. We also work with other tuition funders, such as WIOA and the MyCAA Scholarship, to help students reach the classroom.



# Our Campus

Ashland is nestled in the foothills of Southern Oregon and students can enjoy nearly every type of bicycle riding from our front door.

In our small university town, students are joined by fellow bike enthusiasts, theatergoers, outdoor lovers, and a welcoming community of locals. There are ample housing options within walking/riding distance to campus.

In the classroom, students have access to complete professional workbenches for classwork and after-hours projects, including frame preparation, alignment tools, torque wrenches and wheel tension meters.

## *The Perks*

- ▶ Earn certification recognized throughout the bicycle industry
- ▶ Access to specialty products and tools
- ▶ Optional biweekly late night sessions (with faculty present)
- ▶ Substantial discounts on tools and components while in attendance





## Certification Programs

UBI is the bike industry's most respected training school, with more graduates than any other bicycle mechanics school in the US. We're proud of this record, and continue to expand and evolve our curriculum to reflect the industry's ever-changing technological landscape.

We offer certification programs which are recognized by professionals at all levels in the bicycle industry.



### Certificate of Completion

We award a Certificate of Completion to students who attend every class session and successfully complete all required coursework. This certificate is available for every course we offer.



### Certified Bicycle Technician Program

For those seeking employment in the bicycle industry, or experienced mechanics wanting advanced certification, we offer our Certified Bicycle Technician Program. This certificate verifies a student has demonstrated comprehensive hands-on proficiency and passed a written test. The Certified Bicycle Technician Program is offered for our Professional Repair and Shop Operation course, and both of our Advanced Certification Seminars.

# Introduction to Bicycle Mechanics | ME100

## *5 Day Course - Ideal for:*

- ▶ Beginner Mechanics
- ▶ Home Mechanics
- ▶ Recreational Cyclists
- ▶ Fleet Mechanics
- ▶ Law Enforcement Officers

Our Introduction to Bicycle Maintenance course provides a fundamental understanding of bicycle repair and maintenance.

Students learn the basics of maintaining a bicycle, from simple bearing system overhauls to full tune-ups. The information presented is applicable to all types of bicycles and can be a great introductory class for anyone wanting a better foundation before taking our Professional Repair and Shop Operation course.



Students are encouraged to bring their own bike to class to get a working knowledge of their own specific systems. UBI has an ample supply of class bikes to work on, if bringing a bike to class is not an option. Along with having access to a fully stocked workbench, students receive a manual with illustrations and step-by-step instructions for all procedures taught during the course.

## *Topics Include:*

- ▶ Drivetrain Systems
- ▶ Bike Riding Position and Contact Points
- ▶ Brake System Adjustments
- ▶ Cable and Housing Maintenance
- ▶ Emergency Roadside Repairs
- ▶ Headset Overhaul
- ▶ Pedal Replacement
- ▶ Basic Suspension Adjustments and Settings

# Professional Repair & Shop Operations | ME200

## *10 Day Course - Ideal for:*

- ▶ Career-Oriented Mechanics
- ▶ Experienced Home Mechanics
- ▶ Mechanics Seeking Certification

This is a comprehensive two week professional level course for students with limited bike shop experience. The goal of the class is to prepare students to work in a bicycle shop, or to perform professional level service at home. The course also provides a basic foundation for those interested in owning their own shop, with a focus on offering quality customer service and efficiencies in service department operation.

We offer component-by-component study of bicycle repair, as well as study of the bicycle as a complete system. The information in this course is applicable to all types of bicycles.

As part of the course, students receive a 300+ page manual with illustrations and step-by-step instructions for all procedures demonstrated throughout the course.

Students who complete all course requirements and receive a passing score on the written mechanic's examination receive the UBI Certified Bicycle Technician certificate.

## *Topics Include:*

- ▶ Measuring Tools, Thread Specifications, and Torque
- ▶ Bearing Inspection and Assessment
- ▶ Derailleur Systems
- ▶ Drivetrain Systems
- ▶ Brake Systems
- ▶ Understanding Ebikes
- ▶ Wheel Building and Repair
- ▶ Frame Materials
- ▶ Service Department Operations



# Advanced Certification Seminars

UBI's Advanced Certification Seminars are designed for experienced mechanics or UBI graduates who have completed our Professional Repair and Shop Operation course.

These courses add specialized skills and a deeper level of understanding to students' existing training. Although these courses are scheduled to be taken in sequence as an entire week, they may be taken individually as well.

## UBI/DT Swiss Wheel Building Seminar ME301

### *2 Day Course - Ideal for*

- ▶ Career-Oriented Mechanics
- ▶ Experienced Mechanics Seeking Certification
- ▶ Graduates of a Professional Repair and Shop Operation Course

Developed in conjunction with DT Swiss, this Advanced Seminar offers experienced mechanics a detailed understanding of wheel building and bicycle wheel dynamics.

The goal of the course is to give students a foundation to become master wheel builders, through a combination of hands-on practice and education on the complex structure of the bicycle wheel. As part of the seminar, students receive a manual complete with illustrations and step-by-step instructions for all procedures demonstrated throughout the seminar along with the set of wheels they build.

Students who successfully complete all course requirements receive a Certificate of Completion. In addition, those who receive a passing score on both the written examination and their wheels earn the UBI/DT Swiss Certified Wheel Builder certificate.

### *Topics include:*

- ▶ Wheel Dynamics
- ▶ Hubs, Spoke & Rim Selection
- ▶ Lacing Patterns
- ▶ Spoke Length Calculation
- ▶ Wheel Design
- ▶ Tool Selection

## UBI Certified Suspension Technician ME302

### *3 Day Course - Ideal for*

- ▶ Career-Oriented Mechanics
- ▶ Experienced Mechanics Seeking Certification
- ▶ Graduates of our Professional Repair and Shop

Servicing suspension components is an untapped revenue source for most bicycle shops. With suspension systems becoming more advanced, and even beginner-level bikes coming equipped with suspension, demand for suspension technicians is high.

Our three-day seminar brings students up to speed on current suspension systems and prepares them to service most systems on the market. By the end of the seminar, suspension is demystified and graduates will be intimately familiar with the workings of popular suspension fork and shock designs.



During the course, students overhaul forks and rear shocks from at least three major manufacturers. As part of the seminar, students receive a manual complete with illustrations, and step-by-step instructions for all procedures demonstrated during the seminar.

Students who successfully complete all course requirements will receive a Certificate of Completion. Additionally, students who receive a passing score on the written suspension exam receive a UBI Certified Suspension Technician certificate.

### ***Topics Include:***

- ▶ Suspension Terminology and History
- ▶ Damper Design, Service and Tuning
- ▶ Spring Design, Service and Tuning
- ▶ Linkage and Frame Designs
- ▶ Suspension Upgrades and Tuning
- ▶ Safety and Liability



# Veterans & Vocational Rehabilitation Clients

UBI is an eligible WIOA provider in most states. If you qualify for a vocational rehabilitation program and wish to attend, we are happy to work with your vocational counselor to design an effective program for you. UBI is approved by the Veterans Administration for the education and training of veterans, among other eligible potential students. Veterans may contact us for more information.

## Continuing Education Seminars | 1-3 Days

UBI offers Continuing Education Seminars for industry professionals who want to add to their skills or seek training in emerging technologies. Students who have completed UBI's Professional Repair and Shop Operation course are also welcome to enroll.

Offerings include Dropper Post and Disc Brake Seminars, Shimano Di2 and Fox Master Tech Clinics.

### Custom Courses

Do you need specific training for your staff or group of riders? We build custom training on the exact topics you need. To learn more about these options, email us at [ask@bikeschool.com](mailto:ask@bikeschool.com) or call 541.488.1211.



# How Do I Sign Up?

Fill out the UBI Enrollment Agreement online and include the required registration fee(s) to hold your spot in class. Submit your application online at [www.bikeschool.com](http://www.bikeschool.com), by mail, or fax.

# The UBI Student Catalog

If you are considering attending UBI, we strongly recommend you obtain a copy of our UBI Student Catalog before enrolling. It contains all school policies and procedures. The Student Catalog can be downloaded at [www.bikeschool.com](http://www.bikeschool.com), or you may request a printed copy.



# Questions?

If you have questions, please call us at **541.488.1121** between 8am and 5pm PST, Monday through Friday.

We're also reachable via email at:  
[ask@bikeschool.com](mailto:ask@bikeschool.com)



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