



Race Mechanics Course

Participants: 10

Class size: Trainer to student ratio - 1:10

Duration: 24 Hours over 3 Days

Venue: 9005 Tampines Street 92, #01 - 254 Singapore 528839

In this Race course, participants will learn from some of the most experienced mechanics in Asia, as they dive into their specialties and share their experiences throughout the curriculum. We will teach you what is needed to begin working as a race or team Mechanic. Participants who complete the course will be eligible for a category 4 Mechanics license and begin the pathway for a wrenching career. Through experience and additional education, participants can apply for upgrades through category 1.

This course will build on the attendees' existing mechanic's knowledge and experience, and focuses on preparing the attendees to be a mechanic at a race or working for a team.

Students will be assessed through a combination of written and practical tests. Those who pass will be awarded SCF X BSA Category 4 Race Mechanic certification, endorsed by Singapore Cycling Federation and Bike School Asia, while those who complete the course without taking the tests, or are unable to meet the passing criteria will receive a Certificate of Completion.

Core Subjects

General Overview

- UCI Regulations for Time Trial bikes
- Caravan (protocols)
- The Race Team Mechanic
- Neutral Support Service (including its role with race officials and the caravans)
- Mountain Bike Racing
- BMX Racing (can replace with Cyclocross too)
- Mass-start Centuries and Fondos
- Gravel bike Racing
- Para-cycling

Core Practices

Core skills that any race mechanic must understand and perform to race standards.

- Modern Race Technologies (electronic shifting, disc brakes, tubular/tubeless)
- Flat Tires, Wheel Swap, and Bike Swaps (road races, criterium and cyclo-cross)
- Professionally Bicycle Washing and Inspection
- Neutral Support Service (including its role with race officials and the caravans)