

Study Aids for AWCI CW21 Exam

A complete list of recommended reading and Standards & Practices expected of the Twenty-First Century Watchmaker is found in the Standards & Practices document created by AWCI. This list is designed to be a simple list that will help candidates prepare for the core topics covered by the theory portion of the exam. This is NOT a complete list! Any and all topics presented in the Standards & Practices document may appear on the exam.

The Theory of Horology

Chapter 1: Concept of Time

Chapter 2: Instruments for Measuring Time

Chapter 3: The Simple Mechanical Movement

Chapter 4: The Driving Force in a Mechanical Watch

4.1

4.2.1

4.2.2

4.2.4

4.2.5

Chapter 5: The Geared Transmission System

5.1

5.3

5.4

5.5

5.6

5.7

Chapter 6: Escapements

6.1 – 6.4

6.7

Chapter 7: Regulating Units

7.1 – 7.4

7.5.2

7.5.3

7.6 – 7.12

Chapter 8: Self-winding Watches

All sections except 8.4.3

Chapter 9: Calendar Mechanisms

9.1 – 9.6

Chapter 11: Chronograph Mechanisms

11.1 – 11.7

Chapter 12: The External Parts of the Watch

Chapter 13: Tribology

13.1.1

13.2 – 13.5

13.6.1

Chapter 15: The Electronic Watch

15.1 – 15.7

The Joseph Bulova School Training Manual

- Unit 1: Staking Balance Staff
- Unit 2: Truing Balance Wheels
- Unit 3: Basic Turning
- Unit 5: Poising Balance Wheels
- Unit 6: Hairspring Truing
- Unit 9: Watch Assembly
- Unit 9B: Friction Jeweling
- Unit 9C: Wheel Train Assembly
- Unit 10: Escapement
- Unit 10A: Repairing the Escapement

AWCI Academy of Watchmaking Courses

- The Modern Automatic Wristwatch
- Modern Mechanical Chronographs
- The Art of Watch Adjusting
- Quartz Watch Repair and Troubleshooting
- Introduction to the Watchmaker's Lathe