

**HVAC APPRENTICESHIP PROGRAM  
REQUIRED COURSE MATERIALS  
2025-2026**

The following course materials are required for all [HVAC Apprenticeship](#) students at College of Western Idaho.

- Course materials may be purchased at the [CWI Bookstore](#) in-person or online.
  - Nampa Campus Micron Education Center (NMEC), 5725 E. Franklin Rd., Nampa, ID, 208.562.2403
- **Be sure to use the correct ISBN number** when purchasing/ordering textbooks to get the correct edition.
- Electronic editions are not allowed in Assessment Centers or recommended for this course.

**YEAR 1**

- **Calculator** - Texas Instruments 30XA Scientific Calculator (or similar)
- **\*\*Refrigeration & Air Conditioning Technology**, 9th edition, Whitman, Johnson, Tomczyk, & Silberstein  
ISBN: 9780357122273
- **\*\*International Fuel Gas Code & Commentary 2018**, ICC  
ISBN: 9781609837761
- **\*\*International Mechanical Code & Commentary 2018**, ICC  
ISBN: 9781609837754
- **EPA Section 608 Preparatory Manual**, ESCO Institute  
ISBN: 9781930044609
- **\*\*HVAC Installation Procedures Handbook, 1997** (provided online to students)  
Catalog Number SK32-01
- **Simpson Dura-Vent Sizing Handbook** (provided online to students)

**YEAR 2**

- **Construction Drawings & Specifications, Trainee Manual (03401)**, HVAC Level 4, Contren  
ISBN: 9780135462096
- **Electricity for Refrigeration, Heating, and Air Conditioning**, 11th Edition, 2024, Russel E. Smith  
ISBN: 9780357618707
- **Residential Load Calculation Manual J, Abridged Edition**, 8<sup>th</sup> Edition, Hank Rutkowski  
ISBN: 9781892765260
- **Ugly's Electrical Reference 2023 Edition**, 7<sup>th</sup> edition, Charles Miller  
ISBN: 9781284275919
- **\*\*HVAC Installation Procedures Handbook, 1997**, (provided online to students)  
Catalog Number SK32-01
- **\*\*Refrigeration & Air Conditioning Technology**, 9th edition, Whitman, Johnson, Tomczyk, & Silberstein  
ISBN: 9780357122273
- **\*\*International Fuel Gas Code & Commentary 2018**, ICC  
ISBN: 9781609837761
- **\*\*International Mechanical Code & Commentary 2018**, ICC  
ISBN: 9781609837754

YEAR 3

- **Residential Duct Systems Manual D**, 3rd Edition, 2016, Version 2.5  
ISBN: 9781892765437
- **Sheet Metal Custom Book Package**, Special Order, NCCER Contren Learning Series (CWI Bookstore only)  
ISBN: 9781256002666
- **Trane Calculator Kit:** (1 Trane Ductulator w/ Sleeve & (1) R-410a Charging Calculator  
or  
**SuperCool Slide Rule** by SuperCool Slide Rule
- **\*\*Refrigeration & Air Conditioning Technology**, 9th edition, Whitman, Johnson, Tomczyk, & Silberstein  
ISBN: 9780357122273
- **\*\*Electricity for Refrigeration, Heating, and Air Conditioning**, 11th Edition, 2024, Russel E. Smith  
ISBN: 978-0-357-61870-7
- **\*\*International Fuel Gas Code & Commentary 2018**, ICC  
ISBN: 9781609837761
- **\*\*International Mechanical Code & Commentary 2018**, ICC  
ISBN: 9781609837761

YEAR 4

- **International Mechanical Code Only 2018**  
ISBN: 978-1609837433
- **International Fuel Gas Code Only 2018**  
ISBN: 978-1609837433
- **\*\*Refrigeration & Air Conditioning Technology**, 9th edition, Whitman, Johnson, Tomczyk, & Silberstein  
ISBN: 9780357122273

**\*\* Indicates a textbook from a previous year**