



Horology Technology

Certificate (45 SCH*)

*Semester Credit Hour

7/2023

First Semester - 12 SCH

HRGY 1319 - Basic Horology I
HRGY 1320 - Basic Horology II
HRGY 1321 - Basic Horology III
HRGY 1322 - Basic Horology IV

Second Semester - 12 SCH

HRGY 2301 - Intermediate Horology I
HRGY 2302 - Intermediate Horology II
HRGY 2303 - Intermediate Horology III
HRGY 2304 - Intermediate Horology IV

Third Semester - 12 SCH

HRGY 2305 - Intermediate Horology V
HRGY 2306 - Intermediate Horology VI
HRGY 2307 - Intermediate Horology VII
HRGY 2308 - Intermediate Horology VIII

Fourth Semester - 9 SCH

HRGY 2341 - Advanced Horology Systems I
HRGY 2342 - Advanced Horology Systems II
HRGY 2343 - Advanced Horology Systems III

Marketable Skills

- Clean, rinse, and dry timepiece parts
- Adjust timing regulators
- Customer and Personal Service
- Watch Repair
- Knowledge of industry tools and equipment
- Knowledge of industry organization and ethics

Program Outcomes

- Demonstrate skills by performing disassembly, cleaning, oiling, repair and adjustment operations on multi function mechanical movements, automatics and calendar chronographs, quartz analog and digital time pieces.
- Demonstrate skills by making tools and watch parts including turning parts on a watchmakers lathe to 1/100 mm tolerance reflecting industry standards.

High School Endorsements

Business and Industry

Expected Salary

Texas wage data: workers on average earn \$39,010; 10% of workers earn \$33,490 or less; 10% of workers earn \$60,330 or more.

Additional Education Opportunities

Graduates may pursue a BAAS degree. Brand specific training through major watch companies. Watchmaker training in Switzerland. Industry specific Aircraft instrumentation service training. Industry specific Aerospace instrumentation production and technical training.

Career Opportunities

Watchmaker; Watch and Clock Sales; Aerospace Instrument Technician; Watch Repair Shop Owner; Aircraft Instrument Technician.