

Watch Technology AAS Degree Program Code: 805

Program Planning Sheet (Scope & Sequence)

The Watch Technology Institute is an intense 8-quarter (2-year) program. Fall, winter and spring quarters are 11 week in duration while summer quarter is 8 weeks. Students should expect to spend 40+ hours a week in order to complete the WOSTEP curriculum. Nine credits of general education requirements are embedded throughout the core program.

Learning Outcomes:

- Find and use resources pertinent to watch repair and service.
- Read and understand technical drawings related to watch repair and service.
- Effectively use measuring devices related to watch repair and service.
- Safely and effectively use and maintain appropriate tools and chemicals.
- Use mathematics to calculate gear trains, running time, mainspring dimensions and other horological functions
- Record, chart, and interpret timing results to optimize the performance of watches
- Competently service mechanical, electronic, and chronograph watches and perform case and bracelet repair
- Use comprehensive product knowledge to make informed judgments and recommendations regarding watch repair and service.
- Thoroughly assess the scope of incoming work, accurately estimate repair time and costs, and clearly communicate this information to customers.
- Practice professional work habits: (a) maintain a clean and orderly workspace, (b) exhibit a systematic approach to watch repair and service, and (c) maintain accurate and accessible records.
- Acquire introductory skills needed to organize and set up a watch repair facility, including budget development, design and maintenance of an efficient shop environment, calculate profitability and develop a marketing strategy

Completion of all credits in the Watch Technology Certificate is required for the AAS Degree listed below.

COURSE NUMBER	GENERAL EDUCATION/RELATED INSTRUCTION REQUIREMENTS (26 CREDITS)	Lecture Hours	Lab Hours	Credit Hours
ENG 101	Composition/Communication Composition	55		5
BUS 236	Human Relations Interpersonal Communications for the Workplace	55		5
Choice	General Education Requirements ⁽²⁾	55		5
HIN 111	Human Relations Watch Technology I: Introduction to Watch Technology	11	-	1
HIN 121	Quantitative Reasoning Watch Technology II: Professional Knowledge	22	-	2

HIN 132	Quantitative Reasoning Watch Technology III: Watch Gear Trains	22	-	2
HIN 133	Human Relations Watch Technology III: Practicum	11	-	1
HIN 232	Composition/Communication Watch Technology VII: Chronographs	11	-	1
HIN 233	Human Relations Watch Technology VII: Practicum	11	-	1
HIN 241	Composition/Communication Watch Technology VIII: After-Sales Service	11	-	1
HIN 241	Quantitative Reasoning Watch Technology VIII: After-Sales Service	11	-	1
HIN 243	Composition/Communication Practicum	11	-	1
COURSE NUMBER	DEGREE/CERTIFICATE REQUIREMENTS (153 CREDITS)	Lecture Hours	Lab Hours	Credit Hours
HIN 111	Watch Technology I: Introduction to Watch Technology	11	88	5
HIN 112	Watch Technology I: Tools, Equipment & Measurement	22	88	6
HIN 113	Watch Technology I: Practicum	33	154	10
HIN 121	Watch Technology II: Professional Knowledge	0	88	4
HIN 122	Watch Technology II: The Watchmaker's Lathe	22	88	6
HIN 123	Watch Technology II: Practicum	33	154	10
HIN 131	Watch Technology III: Winding & Setting Mechanisms	22	88	6
HIN 132	Watch Technology III: Watch Gear Trains	0	88	4
HIN 133	Watch Technology III: Practicum	22	154	9
HIN 141	Watch Technology IV: Escapements	22	44	4
HIN 142	Watch Technology IV: External Parts	22	44	4
HIN 143	Watch Technology IV: Practicum	22	132	8
HIN 211	Watch Technology V: Introduction to Precision Timing	22	88	6
HIN 212	Watch Technology V: Introduction to Electric Watches	22	88	6
HIN 213	Watch Technology V: Practicum	33	154	10
HIN 221	Watch Technology VI: Precision Timing 2	22	88	6
HIN 222	Watch Technology VI: Automatic Watches	22	88	6
HIN 223	Watch Technology VI: Practicum	33	154	10
HIN 231	Watch Technology VII: Advanced Precision Timing	22	88	6
HIN 232	Watch Technology VII: Chronographs	22	88	5
HIN 233	Watch Technology VII: Practicum	11	154	9
HIN 241	Watch Technology VIII: After-Sales Service	0	44	2
HIN 242	Watch Technology VIII: Review of Courses	22	44	4
HIN 243	Watch Technology VIII: Practicum	11	132	7

TOTAL CREDITS FOR DEGREE	184
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Notes:

¹ This course satisfies 5 credits of the NSCC general education requirements.

² A five-credit US Cultures or Global Studies course selected from the AA Degree distribution list will satisfy this requirement.

09/08/06/MEOK