

Harley-Davidson Motorcycle Technician Training & Professional Development

HDT1074, COOPERATIVE INTERNSHIP, 4 hours.

Students will be required to complete a minimum of 320 hours of internship at a participating Harley-Davidson Dealership or other approved motorcycle service facility.

HDT1103, HARLEY-DAVIDSON PRODUCT SERVICE, 3 hours.

This course will include all phases required to complete a Pre-Delivery Inspection on a Harley-Davidson motorcycle, and service writing will be emphasized in this course. A successful Pre-Delivery Inspection will include, but not be limited to a visual inspection, creating a birth certificate, checking and clearing digital trouble codes, accessory installation, adjusting fluid levels, cables, and proper suspension setup. In addition to the Pre-Delivery Inspection the successful student will learn how to do slight cosmetic repairs, learn the proper care for the Harley-Davidson motorcycle, and understand the attention to detail necessary to prepare the motorcycle as customer ready. This course is also designed to present the student with the knowledge of service writing in a Harley-Davidson dealership. The student will acquire the skills needed to write service using TALONes®. Both TALONes® and Digital Technician II® will be used in this course.

HDT1113, HARLEY-DAVIDSON SUPPORT, LOGISTICS, SYSTEMS, AND OPERATIONS, 3 hours.

Designed to present theory of the four-stroke cycle of a Harley-Davidson engine, define the operations of a structured service department and offer an introduction to basic electrical, precision measuring, and power flow. This course will cover the differences between the Sportster®, Dyna®, Softail®, VRSC®, and Touring motorcycles. This course will also convey knowledge of model identification, nomenclature, preventive maintenance, services, fitment, and fluids/lubricants. Both TALONes® and Digital Technician II® will be used in all PHD-I 110 and PHD-I 104 assessments. These tools will better prepare the students for successes in the Harley-Davidson dealership network.

HDT1123, HARLEY-DAVIDSON SPORTSTER SERVICE PROCEDURES, 3 hours.

Course will include all phases essential to a successful completion of any/all scheduled services on a Harley-Davidson Sportster® motorcycle. Which includes visual inspection, battery, fluids, steering head bearing adjustment, drive belt tension/ alignment, primary chain adjustment, clutch and throttle cable lubrication and free play adjustment, tire, wheel, and brake maintenance. Both TALONes® and Digital Technician II® will be used in this course.

HDT1134, HARLEY-DAVIDSON DYNA/ SOFTAIL SERVICE PROCEDURES, 4 hours.

This course teach all phases essential to a successful completion of any/all scheduled services on a Harley-Davidson Softail®, and Dyna® motorcycle. Which include visual inspection, battery, fluids, steering head bearing adjustment, drive belt tension/alignment, primary chain adjustment, clutch and throttle cable lubrication and freeplay adjustment, tire, wheel, and brake maintenance and EFI calibration check. Both TALONes® and Digital Technician II® will be used in this module.

HDT1143, HARLEY-DAVIDSON TIRE AND WHEEL PROCEDURE, 3 hours.

This course will address all aspects essential to successfully servicing, and safely maintain tires, wheels, and brakes.

HDT1154, HARLEY-DAVIDSON FL/ TRIKE/VRSC/STREET SERVICE PROCEDURES, 4 hours.

This course will teach all phases essential to a successful completion of any/all scheduled services on a Harley- Davidson Touring motorcycle, and Trike. Service on a Trike and Touring motorcycle will include, but not be limited to a visual inspection, battery, fluids, steering head bearing adjustment, drive belt tension/ alignment, primary chain adjustment, clutch and throttle cable lubrication and freeplay adjustment, tire, wheel, brake maintenance, hydraulic clutch, radio calibration updates, programming key fobs, cooling system service. Both TALONes and Digital Technician II® will be used in this module.

HDT1163, HARLEY-DAVIDSON BASIC ELECTRICS, 3 hours.

This course provide basic foundational knowledge on the following three components Charging Systems, Ignition Systems/HDLAN Basics, and Starting Systems. Both TALONes® and Digital

Technician II® will be used in this course.

HDT1173, HARLEY-DAVIDSON ENGINES/POWERTRAIN, 3 hours.

This course will focus on top end techniques, measuring, fitment, and identifying good/ bad components down to base gaskets. Successful students will be able to Remove, inspect, and replace top end components and lubrication of systems. The Harley-Davidson® Fundamentals book along with all service manuals and related materials will be the reference material for this course. Both TALONes® and Digital Technician II® will be used in this course.

HDT1183, HARLEY-DAVIDSON ENGINE MANAGEMENT SYSTEMS, 3 hours.

This module will be the thirteenth of fifteen that will run in sequence allowing for the student to progress in the degree program. This module will focus on ignitions and fuel systems. Successful students will develop a working knowledge of Sensors, wiring harness, inputs and outputs, Ion Sensors, compression testing, fuel filters, and component changes. The Harley-Davidson Fundamentals book with all service manuals and related materials will be the reference material for this module. Both TALONes® and Digital Technician II® will be used in this course.

HDT2164, HARLEY-DAVIDSON EXPERIENCE, 4 hours.

Will be the final of eleven modules that will run in sequence allowing for the student to progress in the degree program. This module will focus on the full shop scenario. The Service-Tires module will be used in preparation for the final capstone/ PHD credential, allowing for the student to earn an Associate Degree in Applied Science Harley-Davidson. Each student will randomly be assigned a set of tasks, and a motorcycle to demonstrate their knowledge and skill set of prior learning. Grades earned in this module will be determined by working safely, completion of the task correctly (no comebacks) professionally, and with minimal assistance from the instructor/ service manager. Make-up work will not be offered in this module. Each student will participate as the Service Writer and shop support for the day. The Service Writer will be responsible for proper documentation and assist the instructor/service manager to ensure the shop runs safely and efficiently. The Harley-Davidson Fundamentals book along with all service manuals and related materials will be the reference material for this module. Both TALONes® and Digital Technician II® will be used in this course.

T This course is approved by the Kansas Board of Regents for System Wide Transfer among all Kansas public postsecondary institutions offering an equivalent course. Additional courses may also be eligible for transfer. Please visit the FSCC Registrar to learn more. *Offered on demand only. +Offered in 1 to 3 hour increments.