



HARLEY-DAVIDSON

*Motorcycle Technician
Training & Professional
Development Program*



274 N. Industrial Drive
Frontenac, KS 66763
(620) 231-3819
www.fortscott.edu

HARLEY-DAVIDSON

& Fort Scott Community College

The following items must be complete and on file with FSCC before your application will be reviewed for the Fort Scott Community College Harley-Davidson Motorcycle Technician Training & Professional Development Program.

ALL APPLICATIONS will be reviewed upon receipt and students will be notified of the next available class opening.

- Fort Scott Community College Online Admissions Application
- Harley-Davidson/FSCC Candidate Application

(return to the address listed below)

Read all of the material carefully & return the FSCC applications to:

**The Center for Harley-Davidson Motorcycle Training
& Professional Development**

**274 N. Industrial Drive, Frontenac, KS 66763
(620) 231-3819**

Questions can be e-mailed to staceys@fortscott.edu

Fort Scott Community College does not discriminate on the basis of race, color, national origin, sex, age, religion or disability in admission or access to its programs and activities.

HARLEY-DAVIDSON MOTORCYCLE TECHNICIAN TRAINING & PROFESSIONAL DEVELOPMENT PROGRAM *at Fort Scott Community College*

What is the Harley-Davidson Motorcycle Tech Program?

We are the first exclusive Harley-Davidson motorcycle technician and professional development program that offers an Associate of Applied Science Degree in the country. FSCC is accredited by the North Central Accreditation and our program is approved by the Kansas Board of Regents. This program was designed with you, the Harley enthusiast, in mind.

You will spend time in the classroom, as well as at a summer internship learning all aspects of diagnostics, repair, sales, marketing, parts management and customer service.

Will I earn a Degree?

Yes! At the end of the two-year program, students are eligible to graduate with an Associate of Applied Science degree in Motorcycle Service Technology from Fort Scott Community College.

Once you have completed your Associates of Applied Science degree, you may transfer into a baccalaureate degree program at Pittsburg State University. FSCC and Pittsburg State University's Kansas Technology Center have cooperated to make the transition into a four-year program as smooth as possible.

How do I become a Student?

Potential students of the Harley-Davidson Motorcycle Technician Training & Professional Development Program must have a high school diploma or equivalent. Applicants also need to fill out the FSCC Online Admission Application and the Harley-Davidson Training Program Application. Applicants must take the placement test, Compass (If you score a 21 or higher on your ACT in Math and English, then you will not have to take placement tests.). These tests will assess skills in reading and math. They are used by FSCC to insure proper placement so that you will have the opportunity to succeed. Applicants can find out more information, or schedule a time to take the assessment tests by calling the admissions office at (800) 874-3722 or (620) 223-2700. The Compass test can be taken at most community colleges and your scores sent to FSCC's admissions office. Applicants will be required to complete an admissions interview prior to entry into the program at the Harley-Davidson Training Center.



What opportunities are Available?

There are many exciting career options in the Harley-Davidson Service Family. When you complete the program at Fort Scott Community College, any of these challenging careers could be yours:

- Entry Level Technician
- Assembly/Pre-Delivery
- Shop Foreman
- Service Advisor
- Parts Manager or Sales Associate
- Technical Advisors
- Technical Education Instructors
- Warranty Administrator

How much does it cost?

In comparison to other colleges, Fort Scott Community College's tuition and fees per credit hour are very competitive.

In-State (Kansas): \$81 per credit hour

Contiguous States: \$109 (includes Arkansas, Oklahoma, Missouri, Nebraska, & Colorado)

Other States: \$137

International: \$159

Online Courses:

In-State (Kansas): \$111 per credit hour

Contiguous States: \$139 (includes Arkansas, Oklahoma, Missouri, Nebraska, & Colorado)

Other States: \$167

International: \$189

Other costs involved in this program include:

* Books & Materials.....\$120 per semester (estimated)

**Tools (required).....\$3,000 (initial, see note below)

Program Fee.....\$100 per semester

Lab Fee.....\$225 per semester

* Tuition & fees are set by the FSCC Board of Trustees & are subject to change without notice.

* Book cost is approximate & prices will vary.

**Approximate tool cost is initially. Cost will depend on specific tools purchased.

Where is Fort Scott Community College?

FSCC is located in southeast Kansas, just 90 miles south of Kansas City and two hours northeast of Tulsa, Okla. The Motorcycle Training program is located in Frontenac, Kan., in close proximity to the Kansas Technology Center at Pittsburg State University.

For more information about the Harley-Davidson Motorcycle Technician Training & Professional Development Program, contact Stacey Thompson at (620) 231-3819 or send an e-mail to staceys@fortscott.edu.

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Semester Plan for the Harley-Davidson Motorcycle Training Program at FSCC

Semester One Hours

Introduction to Harley-Davidson	3
Shop Practices & Precision Measurement	3
Parts & Management	3
Service Requirements I	3
English 101	3

Second Semester

Service Requirements II	3
Frames & Suspension	3
Sales & Marketing	3
Fundamentals of Physical Science & Lab	5

Summer Session

H-D Cooperative Internship	4
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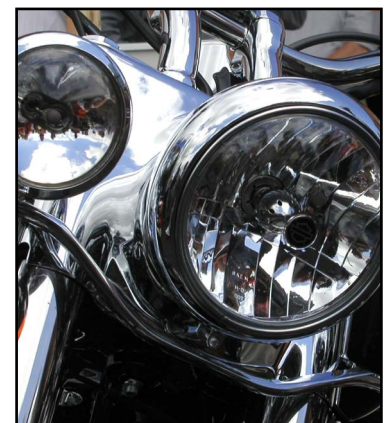
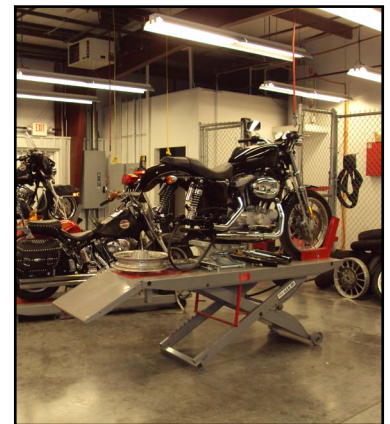
Third Semester

Basic Engines & Drive Systems	3
Basic Electricity	3
Elements of Technical Analysis	3
Public Speaking	3
Technical Writing for Harley-Davidson	3

Fourth Semester

Advance Engines & Drive Systems	3
Diagnostics & Troubleshooting	3
Harley-Davidson Cap Stone	4
Humanities Elective	3
Social Science Elective	3
Total Hours needed for A.A.S. Degree	64

Fall start classes are available



Harley-Davidson Motorcycle Technician Training & Professional Development Curriculum

SEMESTER 1

HDT 1013 – Introduction to Harley-Davidson, 3 hours. This course will explore the culture and history of the Harley-Davidson Motor Company. Field trips to dealerships and Harley-Davidson manufacturing facilities will be a part of this course. Basic computer skills, research methods and use of the Talon software system will be explored. Professional organizations will be explored and membership in SkillsUSA (VICA) will be required. (Required reading: Growing Up Harley-Davidson)

HDT 1023 – Shop Practices & Precision Measurement, 3 hours. This course will focus on safe shop practices and the proper use of precision measuring tools and equipment. The course will explore precision measurement, fasteners, adhesives and abrasives.

HDT 2053 - Parts & Management, 3 hours. This course will look at standard inventory control practices as well as Harley-Davidson parts management programs. The use of Talon software, computers, parts manuals, and parts & accessories catalogs will be an integral portion of this class. Students will develop the necessary skills to manage a Harley-Davidson parts department in a dealership.

HDT 1043 – H-D Service Requirements, 3 hours. This course will focus specifically on Harley-Davidson motorcycle service requirements. This will include, but is not limited to the following components: routine maintenance, oil and lubrication, pre-delivery inspection, 1K and 5K services, and winterization techniques will be explored in this class.

SEMESTER 2

HDT 1053 – Frames & Suspension, 3 hours. This course will focus on design, operation, maintenance, and geometry of Harley-Davidson motorcycles. Basic principles of hydraulics and lubricant will be explored in this course. This course will also focus on brakes, tires and wheels, and suspension systems.

Proper adjustments and maintenance of all frame and suspension components will be discussed.

HDT 1073 -- H-D Service Requirements II, 3 hours. This course will build and expand knowledge covered in Service Requirements I. This will include, but is not limited to the following components: high-mileage services, front fork services, primary and secondary drive systems, using Digital Technician II, creating birth certificates, accessories installation, and an understanding of flat-rate times associated with repairs.

HDT 2043 -- Sales & Marketing, 3 hours. This course will explore both conventional and Harley-Davidson specific sales and marketing techniques. The focus of this class will be based on Harley-Davidson sales and marketing programs developed by Harley-Davidson specific to the needs of both Harley-Davidson Motor Company and its dealers.

SUMMER INTERNSHIP

HDT 1074 – Cooperative Internship, 4 hours. Students will be required to complete a 12 week internship at a participating Harley-Davidson Dealership. Written communication with the Program Director throughout the internship will be required. Additionally, the Program Director or his representative will meet with the student and his/her supervisor during the internship period.

SEMESTER 3

HDT 1033 – Basic Electricity, 3 hours. This course will focus on basic electrical theory. Ohm's Law, Watt's Law, simple circuits, series circuits, parallel circuits, series-parallel circuits, ignition systems, starting systems, voltage drops and battery technology, as well as electrical components, will be explored. The proper use of electrical test and diagnostic equipment and electrical safety will be an integral portion of this course.

HDT 1063 – Basic Engine & Drive System, 3 hours. This course will focus on professional work habits, proper use of hand tools and the use of service manuals. Basic engine parts identification and functions will be explored. A complete understanding of internal combustion engines, transmissions and fuel systems will be taught. Basic engine and transmission disassembly/assembly will be explored.

SEMESTER 4

HDT 2013 - Advances Engine & Drive System, 3 hours. This course will further develop the student's skills in Harley-Davidson engine and transmission overhaul. Emphasis will be placed on accepted shop practices in disassembly, assembly, component inspection and precision measurement of engines and transmissions. Twin Cam and Revolution engines and associated transmissions will be the focus of this class.

HDT 2023 – Diagnostics and Troubleshooting, 3 hours. This course will focus on appropriate procedures utilized by service technicians in diagnosing customer concerns. The use of standard and specialized Harley-Davidson test equipment will be emphasized throughout this class. This course will look at all aspects of Harley-Davidson motorcycles.

HDT 2063 – Cap Stone Course, 4 hours. In this course students will put into practice all the skills they have developed throughout the program. These skills include, but are not limited to the following: basic services, diagnostics, repair, overhauling, time management, parts management, sales & marketing, computer, technical writing and professional development. Emphasis on quality workmanship, appropriate work habits, and professional attitude will be the determining factor on the outcome of this course.

