Program Description

The Honda PACT program prepares graduates to be technicians servicing Honda and Acura vehicles at authorized dealerships. Students train specifically on current model Honda and Acura vehicles, information systems, scan tools, and training materials. Students also complete an internship under the guidance of a master technician at a sponsoring American Honda or Acura dealership. These paid internships give students the opportunity to integrate their learning and further develop their skills in service technology. Arts & Sciences curriculum supports the technical skills students learn as well as enhances students’ oral and written communication skills and critical thinking ability.

All Honda PACT instructors are certified by Honda in the areas that they teach, in addition to being certified as Master Technicians by the National Institute for Automotive Service Excellence (ASE).

Dunwoody’s Honda PACT program has received several awards from American Honda for being one of the best Honda PACT automotive schools in the nation.

Dunwoody College of Technology: a non-profit, private technical college since 1914.

<table>
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<tr>
<th>Credential Earned</th>
<th>AAS Degree</th>
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<tbody>
<tr>
<td>Classes Offered</td>
<td>Day</td>
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<tr>
<td>Length of Program</td>
<td>2 years (4 semesters)</td>
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<tr>
<td>Available Starts</td>
<td>Fall Semester; Spring Semester</td>
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<tr>
<td>Accreditation</td>
<td>Honda PACT Certification</td>
</tr>
<tr>
<td>Further Study</td>
<td>Bachelors Completion Degree in Applied Management</td>
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Degree Requirements

- AUTO1110 General Skills & Engine Fundamentals
- AUTO1120 Brakes, Steering & Suspensions
- AUTO1130 Electrical & Electronic Principles
- PACT1210 Dealer Service Systems
- PACT1220 Body Electrical Systems
- PACT1230 Advanced Brakes & Suspension Systems
- PACT2110 Drivetrain Systems
- PACT2120 Heating & Air Conditioning
- PACT2131 PACT Internship I
- PACT2210 Engine Diagnostics & Repair
- PACT2220 Engine Performance Repair
- PACT2231 PACT Internship II

Further Study - Bachelors Completion Degree in Applied Management

Salary Data

- Annual Average Salary: $44,770
- Placement Rate: 100%

Recent Employers

- Metro Area Honda & Acura Dealerships
- Outstate Honda & Acura Dealerships

How to Apply

- dunwoody.edu
- 612.374.5800
- info@dunwoody.edu
Course Descriptions
AUTO1110 General Skills & Engine Fundamentals, 3 cr.
Use tools and measuring instruments. Identify fasteners and fittings, remove damaged fasteners, fabricate brake lines. Research service procedures using automotive information systems. Disassemble and assemble component engines. Describe engine parts, systems, and operation.

AUTO1120 Brakes, Steering & Suspensions, 4 cr.
Examine theory of design and principles of operation, diagnosis and repair procedures of automotive brake, steering and suspension systems. Practice performing service procedures, four-wheel alignments, tire and wheel service.

AUTO1130 Electrical & Electronic Principles, 7 cr.
Examine theory and principles of: Ohm’s law, circuit principles, magnetism, electromagnetism, batteries, induction, cranking motors, charging systems, ignition systems, basic electronics including sensors and semiconductors. Use digital multimeters and wiring schematics to trace, test, and diagnose circuits. Disassemble, inspect, test, and reassemble starters and alternators. On-vehicle diagnosis of battery, starting, and charging systems. Introduction to scan tools.

PACT1210 Dealer Service Systems, 3 cr.
Introduction to dealership systems: repair order writing, dealership management training, and Honda Interactive Networking systems. Emphasis will be on vehicle inspection techniques; utilization of Honda scan tools in troubleshooting advanced computer controlled vehicles.

PACT1220 Body Electrical Systems, 4 cr.
Theory of operation and diagnostic principles of Honda/Acura chassis and body electrical systems. On-vehicle component testing with the latest scan tools, digital multi-meters, lab scopes, and factory electrical schematics.

PACT1230 Advanced Brakes & Suspension Systems, 3 cr.
Theory of operation and diagnostic principles of Honda/Acura brake/suspension systems. ABS (Anti-lock braking system), traction control systems, advanced steering stability systems, pre-alignment inspections, 4-wheel alignment, suspension & steering systems, component repair and replacement, troubleshooting vibration, noise, and harshness concerns.

PACT2110 Drivetrain Systems, 7 cr.
Theory of operation and diagnostic principles of Honda/Acura drivetrain systems. Differentials, CV and universal joints, manual transmissions, transfer cases, automatic transmissions. System maintenance, periodic service, and on-vehicle diagnosis. Disassembly, inspection, and assembly of system components. CVT transmission and hybrid transmission.

PACT2120 Heating & Air Conditioning, 2 cr.
Theory of operation and diagnostic principles of Honda/Acura air conditioning and heating systems. Refrigeration system service, control system repair, heater service, automatic heating/AC systems, component testing, environmental issues, and troubleshooting the various systems.

PACT2131 PACT Internship I, 4 cr.
Cooperative, paid on-the-job training. Preparation providing real life job skills and work habits in a variety of automotive areas.

PACT2210 Engine Diagnostics & Repair, 3 cr.
Hands-on repair of the Toyota/Lexus/Scion Engines. Service procedures include cooling system repair, lubrication system repair, intake systems repair, exhaust repair, engine testing, engine replacement, engine disassembly, cleaning and measurement, cylinder head diagnostics, timing belt/chain replacement 4cyl, 6cyl, 8cyl.

PACT2220 Engine Performance Repair, 6 cr.
Theory of operation and diagnostic principles of Honda/Acura engines. Repair of cooling, lubrication, intake, and exhaust systems. Engine testing, replacement, disassembly, cleaning and measurement. Cylinder head diagnostics, timing belt/chain replacement.

PACT2231 PACT Internship II, 4 cr.
Cooperative, paid on-the-job training. Preparation providing real life job skills and work habits in a variety of automotive areas.