



TRANSPORTATION, DISTRIBUTION AND LOGISTICS PROGRAMS - CATALOG YEAR 2015 - 2016

Find the Right Educational Degree Plan

There are two distinctly different ways to pursue your education at HCC. Each pattern has its own particular purpose, and its own advantages and disadvantages. Read the descriptions carefully to make an informed choice. You must choose one of the two following patterns: The *Academic Transfer* pattern of education **OR** The *Workforce Career* pattern of education. For more information, visit our [College and Career Planner Guide](#).

WORKFORCE CAREERS

AUTOMOTIVE TECHNOLOGY

Automotive Technician - AAS	2
Automotive Technician - Certificate Level I	3
Light Automotive Maintenance Technician - MSA	4
Autobody/Collision Repair Technician - Certificate Level I	5

HEAVY VEHICLE AND TRUCK REPAIR

Heavy Vehicle and Truck Repair - Certificate Level I	6
Diesel Preventative Maintenance - MSA	7

LOGISTICS (*See Business Programs-Business Administration*)

**HOUSTON COMMUNITY COLLEGE SYSTEM
EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION**

___ FA ___ VA

NAME:	SID#:	TEL#:	EMAIL:	DATE:
COLLEGE:	COU/ADV:	TEL#:	EMAIL:	CAT YR: 8/15/15-8/14/16

AUTOMOTIVE TECHNOLOGY - AUTOMOTIVE TECHNICIAN - AAS

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
TSI testing is required prior to first enrollment.									
FIRST YEAR									
FIRST SEMESTER	15								
LEAD 1370 Workforce Leadership and Critical Thinking Skills for Student Success	3								
AUMT 1305 Introduction to Automotive Technology	3								
AUMT 1310 Automotive Brake Systems	3								
AUMT 1316 Suspension and Steering	3								
AUMT 1307 Automotive Electrical Systems	3								
SECOND SEMESTER	15								
AUMT 2317 Automotive Engine Performance Analysis I	3								
AUMT 1345 Automotive Heating and Air-Conditioning	3								
AUMT 2334 Automotive Engine Performance Analysis II	3								
AUMT 2321 Automotive Electrical Diagnosis and Repair	3								
XXXX #3## Math/Natural Science Elective	3								
SECOND YEAR									
FIRST SEMESTER	15								
AUMT 2325 Automatic Transmission and Transaxle	3								
AUMT 1319 Automotive Engine Repair	3								
AUMT 2313 Manual Drivetrain and Axles	3								
AUMT 1306 Automotive Engine Removal and Installation	3								
ENGL 1301 Composition I	3								
SECOND SEMESTER	15								
SPCH 1311 Fundamentals of Speech	3								
XXXX #3## Social/Behavioral Science General Ed. Elective	3								
XXXX #3## Humanities/Fine Arts General Ed. Elective	3								
AUMT 2328 Automotive Service	3								
AUMT 2380 Cooperative Education - Auto/Automotive Mechanic/Technician	3								
PROGRAM TOTAL	60								

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AUTOMOTIVE TECHNOLOGY - AUTOMOTIVE TECHNICIAN - CERTIFICATE: LEVEL I

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
					Comment/Disapproval				
TSI testing is required prior to completion of first enrollment.									
FIRST YEAR									
FIRST SEMESTER									
LEAD 1370 Workforce Leadership and Critical Thinking									
Skills for Student Success	3								
AUMT 1305 Introduction to Automotive Technology	3								
AUMT 2328 Automotive Service	3								
AUMT 1310 Automotive Brake Systems	3								
AUMT 1316 Suspension and Steering	3								
SEMESTER TOTAL	15								
SECOND SEMESTER									
AUMT 1307 Automotive Electrical Systems	3								
AUMT 1345 Automotive Heating and Air-Conditioning	3								
<i>(Automotive Climate Control Systems.)</i>									
AUMT 2321 Automotive Electrical Lighting and Accessories	3								
<i>(Automotive Electrical Diagnosis and Repair)</i>									
AUMT 2317 Automotive Engine Performance Analysis I	3								
SEMESTER TOTAL	12								
THIRD SEMESTER									
AUMT 2313 Automotive Drive Train and Axles	3								
AUMT 1306 Automotive Engine Removal and Installation	3								
AUMT 2325 Automotive Automatic Transmission and									
Transaxle	3								
AUMT 2334 Automotive Engine Performance Analysis II	3								
AUMT 1380 Cooperative Education - Auto/Automotive									
Mechanic/Technician	3								
SEMESTER TOTAL	15								
PROGRAM TOTAL	42								

Updated:
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AUTOMOTIVE TECHNOLOGY - AUTOBODY/COLLISION REPAIR TECHNICIAN - CERTIFICATE: LEVEL I

HCCS Course Requirement	cr	Transfer	Substitute	Substitute (SU)	Term	Credits	Grade	Approval	Date
FIRST YEAR									
FIRST SEMESTER									
LEAD 1370 Workforce Leadership and Critical Thinking									
Skills for Student Success	3								
ABDR 1441 Structural Analysis and Damage Repair I	4								
ABDR 1431 Basic Refinishing	4								
ABDR 1207 Auto Body Welding	2								
ABDR 1215 Vehicle Trim and Hardware	2								
SEMESTER TOTAL	15								
SECOND SEMESTER									
ABDR 1458 Intermediate Refinishing	4								
ABDR 1442 Structural Analysis and Damage Repair II	4								
ABDR 2441 Major Collision Repair and Panel Replacement	4								
SEMESTER TOTAL	12								
THIRD SEMESTER									
ABDR 2449 Advanced Refinishing	4								
ABDR 1291 Special Topics in Auto/Automotive Body Repairer	2								
ABDR 2431 Structural Analysis and Damage Repair III	4								
ABDR 1280 Cooperative Education- Autobody/Collision and Repair Technology/Technician	2								
SEMESTER TOTAL	12								
PROGRAM TOTAL	39								

Updated:
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HEAVY VEHICLE AND TRUCK REPAIR - CERTIFICATE: LEVEL I

HCCS Course Requirement	cr hr	Transfer Institution	Substitute Course	Substitute (SU) Transfer (TR)	Term	Credits	Grade	Approval Signature	Date
TSI testing is required prior to completion of first enrollment.									
FIRST SEMESTER									
LEAD 1370 Workforce Leadership and Critical Thinking Skills for Student Success	3								
DEMR 1301 Shop Safety and Procedures	3								
DEMR 1317 Basic Brake Systems	3								
DEMR 1310 Diesel Engine Testing and Repair I	3								
DEMR 2312 Diesel Engine Testing and Repair II	3								
SEMESTER TOTAL	15								
SECOND SEMESTER									
DEMR 1305 Basic Electrical Systems	3								
DEMR 2332 Electronic Controls	3								
DEMR 2439 Advanced Electrical Systems	4								
DEMR 1323 Heating, Ventilation, and Air Conditioning (HVAC) Troubleshooting and Repair	3								
SEMESTER TOTAL	13								
THIRD SEMESTER									
DEMR 1329 Preventative Maintenance	3								
DEMR 1316 Basic Hydraulics	3								
DEMR 1330 Steering and Suspension I	3								
DEMR 1342 Power Train Applications I	3								
DEMR 1381 Cooperative Education-Diesel Mechanics Technology/Technician	3								
SEMESTER TOTAL	15								
PROGRAM TOTAL	43								

