

Transportation Programs

Automotive Technology

- 2 Automotive Technician AAS
- 3 Automotive Technician Certificate
- 4 Light Automotive Maintenance Technician Certificate (Marketable Skills Achiever)
- 5 Daimler/Chrysler Automotive Program AAS
- 7 Commercial Truck Driving Certificate
- 8 Bus and Other Commercial Vehicles Certificate
- 9 Diesel Engine Mechanic and Repairer Certificate
- 10 Diesel Preventative Maintenance Certificate (Marketable Skills Achiever)
- 11 Heavy Motor Vehicle Mechanic

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

___ FA ___ VA

NAME:	SS#:	DATE:
COLLEGE:	COUNSELOR/ADVISOR:	CATALOG YEAR: 04-05

AUTOMOTIVE TECHNOLOGY - AAS - AUTOMOTIVE TECHNICIAN

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
FIRST YEAR						
FIRST SEMESTER						
AUMT 1305 Introduction to Automotive Technology						
AUMT 1310 Automotive Brake Systems						
AUMT 1316 Suspension and Steering						
AUMT 2328 Automotive Service						
XXXX #3## General Education Math/Science Elective						
SECOND SEMESTER						
AUMT 2437 Automotive Electronics						
AUMT 2321 Automotive Electrical Lighting and Accessories						
AUMT 1345 Automotive Heating and Air-Conditioning						
AUMT 1307 Automotive Electrical Systems						
ENGL 1301 Composition I						
THIRD SEMESTER						
AUMT 2334 Engine Performance and Analysis II						
AUMT 2317 Engine Performance Analysis I						
AUMT 1319 Automotive Engine Repair						
AUMT 1306 Automotive Engine Removal and Installation						
SECOND YEAR						
FIRST SEMESTER						
AUMT 2209 Manual Drive Train Transaxle Theory						
AUMT 2223 Theory of Automatic Transmission and Transaxle						
AUMT 2313 Manual Drivetrain and Axles						
AUMT 2325 Automatic Transmission and Transaxle						
SPCH 1311 Fundamentals of Speech						
SECOND SEMESTER						
AUMT 2455 Automotive Engine Machining						
AUMT 1380 Cooperative Education - Auto/Automotive Mechanic/Technician						
XXXX #3## General Education Social Science Elective						
XXXX #3## Approved Humanities/Fine Arts Gen. Ed. Elective						

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NAME:	SS#:	DATE:
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AUTOMOTIVE TECHNOLOGY - AAS - DAIMLER/CHRYSLER AUTOMOTIVE PROGRAM

HCCS Course Requirement	Transfer/ Institution	Substitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
FIRST YEAR						
FIRST SEMESTER						
AUMT 1380 Cooperative Education - Auto/Automotive Mechanic/Technician						
AUMT 1310 Automotive Brake Systems						
AUMT 1316 Suspension and Steering						
ENGL 1301 Composition I						
SECOND SEMESTER						
AUMT 1319 Automotive Engine Repair						
AUMT 1345 Automotive Heating and Air-Conditioning						
AUMT 1380 Cooperative Education - Auto/Automotive Mechanic/Technician						
XXXX #3## Approved Humanities/Fine Arts General Education Elective						
THIRD SEMESTER						
SPCH 1311 Fundamentals of Speech						
AUMT 1307 Automotive Electrical Systems						
AUMT 2437 Automotive Electronics						
AUMT 1380 Cooperative Education - Auto/Automotive Mechanic/Technician						
XXXX #3## General Education Social Science Elective						
SECOND YEAR						
FIRST SEMESTER						
AUMT 2317 Engine Performance Analysis I						
AUMT 2334 Engine Performance and Analysis II						
AUMT 1380 Cooperative Education - Auto/Automotive Mechanic/Technician						
XXXX #3## Math/Science General Education Elective						

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AVIATION MAINTENANCE TECHNOLOGY - CERTIFICATE - AVIATION MAINTENANCE TECHNOLOGY

HCCS Course Requirement	Transfer/Substitution Institution	Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
FIRST YEAR						
FIRST SEMESTER						
AERM 1315 Aviation Science						
AERM 1205 Weight and Balance						
AERM 1203 Shop Practices						
AERM 1208 Federal Aviation Regulations						
AERM 1210 Ground Operations						
SECOND SEMESTER						
AERM 1314 Basic Electricity						
AERM 1345 Airframe Electrical Systems						
AERM 1243 Instruments and Navigation/Communication						
AERM 1352 Aircraft Sheet Metal						
AERM 1254 Aircraft Composites						
AERM 1141 Wood, Fabric and Finishes						
THIRD SEMESTER						
AERM 1247 Airframe Auxiliary Systems						
AERM 2233 Assembly and Rigging						
AERM 1349 Hydraulic, Pneumatic and Fuel Systems						
AERM 1350 Aircraft Landing Gear Systems						
AERM 1253 Aircraft Welding						
SECOND YEAR						
FIRST SEMESTER						
AERM 1344 Aircraft Reciprocating Engines						
AERM 2447 Aircraft Reciprocating Engine Overhaul						
AERM 1251 Aircraft Turbine Engine Theory						
AERM 2251 Aircraft Turbine Engine Overhaul						
SECOND SEMESTER						
AERM 1240 Aircraft Propellers						
AERM 1257 Fuel Metering and Induction Systems						
AERM 1356 Aircraft Powerplant Electrical						
AERM 2252 Aircraft Powerplant Inspection						
AERM 2231 Airframe Inspection						

