ASSOCIATE DEGREE IN APPLIED SCIENCE

HIGH PERFORMANCE TECHNOLOGY — Length: 120 Weeks

Students in this program will prepare for entry-level positions in the high performance industry by acquiring both the technical and management skills currently applicable to the industry. They will also take a core of general education courses to augment their technical education.

MISSION STATEMENT: The High Performance Division's mission is to provide our students with the competitive edge necessary to ensure their success by educating them in the most current technology and procedures being utilized in the high performance industry.

Technical Requirements		Instructional Hours	Credit Hours
AU116	Manual Drive Trains & Axles	120	6
AU117	Automatic Transmissions/Transaxle	120	6
AU122	Automotive Engine Diagnosis & Repair	120	6
AU123	Electrical & Electronics I	120	6
AU126	Suspension & Steering	120	6
AU127	Hydraulic Brake Systems	120	6
AU128	Electrical & Electronics II	120	6
AU130	Automotive Engine Performance	120	6
HP101	High Performance Suspension & Steering	120	6
HP102	High Performance Drive Lines	120	6
HP105	High Performance Accessory Trends	120	6
HP130	High Performance Engine Machining	120	6
HP200	High Performance Fuel/Electronics/Ignition Systems	120	6
HP201	High Performance Custom Engine Building	120	6
HP210	High Performance Welding	120	6
HP215	High Performance Fabrication	120	6
	Total Technical Hours	**1920**	**96**

Related Requirements		Instructional Hours	Credit Hours
AM128	Customer Relations Automated Management	48	3
DP152	Applications of Word and Excel	36	3
	Total Related Hours	**84**	**6**

General Education Requirements		Instructional Hours	Credit Hours
CO179	Introduction to Human Communication	24	3
PS274	The American Political Scene	24	3
EN180	Composition I	48	5
SC112	Physical Science	48	5
EN200	Composition II	48	5
MH170	Technical Math	48	5
PY177	Psychology	24	3
UN220	Introduction to Diversity Issues	24	3
UN100	First Year Experience	12	1
UN292	Portfolio Capstone	12	1
	Total General Hours	**312**	**34**
	TOTAL HOURS FOR GRADUATION	**2316**	**136**

*EN070	Basic English	48	3
*MH065	Review Math	48	3

*If the placement test is passed with a score of 70% or higher, course will not be required to graduate.

Recommended Optional Courses		Instructional Hours	Credit Hours
AU118	Transportation Air Conditioning & Refrigeration	120	6
AU132	Computerized Engine Control Systems	120	6
CDL101	Commercial Driver License I	120	6
CDL102	Commercial Driver License II	120	6