ASSOCIATE IN APPLIED SCIENCE (A.A.S.)

GCC ADVISEMENT CHECK SHEET 2010-2011

The Associate in Applied Science (AAS) in Automotive Technology is designed to prepare students for employment as automotive technicians. Instruction is given in both the theoretical and practical aspects of automotive operation, maintenance, and service. Directed lab activities provide experience in transmissions, differentials, fuel systems (both conventional and electronic), brakes, air conditioning, automotive electricity/electronics, diagnosis, emission control, engine service, suspension and steering systems. Modern, fully equipped facilities provide students with excellent opportunities for pre-employment experience

Students are responsible for proper selection of courses and admission to University and professional programs.

Automotive Technology

Name	SID	67-68 Credits Major Code: 3481 Effective First Year/Term: 2008 Spring

I. GENERAL EDUCATION CORE (12 Credits)			
(Must earn a grade of "C" or higher)	**CRS**	**GR**	**SEM**
FIRST-YEAR COMPOSITION			
ENG101 **OR** ENG107	3		
ENG102, ENG111 **OR** ENG108	3		
ORAL COMMUNICATION			
COM100, 110, 225, **OR** 230	3		
CRITICAL READING			
CRE101, CRE111 **OR** TEST EXEMPT	0-3		
MATHEMATICS			
Area Waived	0		

II. GENERAL EDUCATION DISTRIBUTION (6 Credits)			
	CRS	**GR**	**SEM**
HUMANITIES AND FINE ARTS			
	3		
SOCIAL AND BEHAVIORAL SCIENCES			
	3		
NATURAL SCIENCES			
Area Waived	0		
COMMENTS:			

Students must earn a grade of "C" or better in all courses within the program.

III. REQUIRED COURSES (49 - 50 Credits)		CRS	GR	SEM
AUT101AA	Internal Combustion Engines Theory	3		
AUT103AB	Automotive Electrical Systems / Electronic Systems I	4		
AUT104AA	Automotive Fuel Systems	3		
AUT105AA	Engine Performance and Diagnosis	3		
AUT106AA	Engine Overhaul and Reconditioning	4		
AUT107AC	Automotive Air Conditioning	3		
AUT108AB	Front End Suspension, Steering and Alignment	4		
AUT109AC	Automotive Brake Systems	4		
AUT110AC	Automotive Power Trains	4		
AUT123AA	Automatic Transmissions	4		
AUT215AA	Automotive and Electrical/Electronic Systems II	4		
AUT233	Computerized Engine Control Systems	3		
AUT270AA-AC	Automotive Technology Internship (any suffixed course) (1-3) **OR**			
AUT298AA-AC	Special Projects (any suffixed course) (1-3)	3-4		
GTC107	Technical Mathematics	3		