



## AUTOMOTIVE TASK FORCE

December 11, 1991

Present: Larry Bennett, Larry Pennefather, Bill Rose

Larry Bennett presented a proposed Automotive program consolidation, including three options for an associate degree and four options for a one-year certificate. (See attachment) He also included a proposed course schedule for Fall 1992 through Winter 1994.

Larry Pennefather suggested that PHY 161 be inserted into the curriculum in place of MAT 160. Larry Bennett felt it could be added without deleting MAT 160.

Dr. Rose raised the question of why the proposed course alterations were designated as AUT rather than ATA. Larry Bennett replied that he had talked with Tony Hildebrandt about this issue and felt that AUT would be a more appropriate course code than ATA, even though the ATA program has a good enrollment history as compared with AUT. The AUT designation is used by most other colleges and universities and would provide greater ease for students in transferring credits. The group agreed to tentatively consider the change until a more thorough development has been presented.

Dr. Rose stated that, if the AUT course codes are developed, there should be a specific course description for each of the Automotive Specialization courses (AUT 191, AUT 192, AUT 193). Larry Bennett expressed the view that this is not possible, since the student will be specializing in one of the eight functional areas of his/her choice. The student will be required to submit a plan of work before enrolling in the class.

After careful consideration and discussion, the group decided that we should consider the consolidation of the current ATA courses with the AUT program for the following reasons:

1. To avoid duplication
2. To enhance enrollment by allowing for a 6:00 p.m. starting time for night classes
3. To provide recognizable transferability to other colleges and universities by keeping the OCC course code consistent with the AUT designation used by most other schools
4. To provide for better scheduling of labs
5. To provide a better marketing piece for business and industry

An advisory committee must be identified immediately, in order to set up a meeting in January at, which time this proposed program consolidation can be presented to that group for their review. The advisory committee membership should be representative of the various specialty options included in the program. Larry Bennett will give his suggestions for advisory committee members to Ruth Springer as soon as possible.

Larry Bennett will write a narrative explaining how current ATA students will benefit from the consolidation of the ATA courses into the AUT program.

Submitted Ruth Springer  
Ruth Springer

**AUTOMOTIVE PROGRAM CONSOLIDATION TO AUTOMOTIVE TECHNOLOGY (AUT)**

Filename: New\_AUT3.F92 Rev.: 12-06-91

**OLD COURSE**

**REVISED COURSE DESIGNATIONS**

AUT111 Automotive Fundamentals	AUT101 Automotive and Service Fundamentals (Includes mandatory Safety Test)
ATA110 Brake System Service	AUT110 Brake Service
ATA120 Front Suspension and Steering Service	AUT120 Suspension and Steering Service
AUT112 Automotive Electricity and Chassis	AUT130 Electrical Systems Service
AUT211 Engine Mechanical Systems	AUT140 Internal Engine Service
AUT212 Fuel and Emission Systems	AUT150 Engine Performance and Emission Control Service
AUT213 Transmission and Drive Systems	AUT160 Automatic Transmission Service
ATA170 Manual Transmissions and Rear Axle Servicing	AUT170 Manual Transmission and Rear Axle Service
ATA180 Automotive Air Cond. and Heating Service	AUT180 Climate Systems Service
AUT113 Auto Diagnosis & Tune-Up	AUT191 Automotive Specialization I
None	AUT192 Automotive Specialization II
None	AUT193 Automotive Specialization III

Note: Initial AUT191, AUT192 and AUT193 to be scheduled for variable enrollment and may piggyback with other AUT classes. Course schedule will initially be designated "by arrangement" until course and facility limitations allow a normal class size.

**CORE AUTOMOTIVE COURSE FOR ALL AUTOMOTIVE STUDENTS:**

AUT101 Automotive and Service Fundamentals

Note: Can be bypassed with 90% Score on 100 Question Automotive Fundamentals and Safety computer administrated Test. Credit by Exam will be offered for AUT101 registered students.

**AUTOMOTIVE TECHNOLOGY PROGRAM OPTIONS:**

**ASSOCIATE in APPLIED SCIENCE DEGREE (2 Year Programs)**

1. Automotive Technician
2. Automotive Engineering Technician
3. Automotive Business Operations

**AUTOMOTIVE CERTIFICATE (1 Year Options)**

4. Automotive Service
5. Chassis Specialist
6. Electrical/Engine Performance Specialist
7. Engine/Transmission Specialist

**COURSE LEGEND: E = Elective; NA = Not Applicable; R = Required**

	1	2	3	4	5	6	7	R
AUT101 Automotive and Service Fundamentals	R	R	R	R	R	R	R	7/7
AUT110 Brake Service	E	E	E	E	R	E	NA	1/7
AUT120 Suspension and Steering Service	E	E	E	E	R	E	NA	1/7
AUT130 Electrical Systems Service	R	R	E	E	R	R	R	5/7
AUT140 Internal Engine Service	R	R	E	E	NA	R	R	4/7
AUT150 Engine Performance and Emission Control Service	R	R	E	E	NA	R	R	4/7
AUT160 Automatic Trans. Service	E	E	E	E	NA	NA	R	1/7
AUT170 Manual Transmission and Rear Axle Service	E	E	E	E	NA	NA	R	1/7
AUT180 Climate Systems Service	R	E	E	E	E	E	NA	1/7
AUT191 Directed Specialization I	E	R	E	E	R	R	R	4/7
AUT192 Directed Specialization II	E	E	E	E	E	E	E	0/7
AUT193 Directed Specialization III	E	E	E	E	E	E	E	0/7
Credit Hour Totals .....	32	24	20	24	24	24	24	24

**REQUIRED SUPPORTIVE COURSES FOR OPTIONS:**

- 1 ..... TEM101 & TEW110 ->APP815 ->APP816
- 2 ..... MAT110 & BUS101 & CIS105 ->MAT115 & ENG135 & ELT101  
->MAT154 & EEC102 ->MAT156 & EEC104 ->MAT160 & EEC135
- 3 ..... MAT101 & CIS105 & BUS101 -> MAT110 & CIS104 & ENG135  
->ENG211 & ECO261 & ELT101 ->MKT252
- 4 - 7 ... TEW110 ->TEM101