

The following matrix indicates in which ATM course each student learning outcome is addressed:

B.S. in Automotive Technology Management (ATM)		SOT Categories: Q = Quality, D = Diversity, L = Literacy, C = Communication, DD = Discipline Specific Content Knowledge																			Number	SOT	
Introduce (I), Reinforced (R), Mastery (M), Assess (A) (10-15-2018 Revision)		ATM Classes:																					Asses.
(Bold & Underline = Primary Assessment for that Outcome)		1010	2110	2124	2130	2132	2140	2150	3110	3120	3130	3134	4110	4150	4025	4032	4038	4130	4134	4112			
Outcome 1: Graduates will demonstrate and consistently display the technical/ managerial skills, traits and knowledge of Automotive Professionals.																							
Out# 1 Comp1a	Grads will complete projects & function effec in team envr.	I, R	R, M	R, M	R, M	R, M	R, M	R, M, A		R, M, A	R, M	R, M	R, M	R, M	R, M	R, M, <u>A</u>	R, M	R, M		R, M	3	C	
Out# 1 Comp 1b	ID, analyze, & solv tech, mgt or mkt prob in auto specialization		I, P				R, M	R, M	R, M		R, M	M, A	R, M	R, M, A		R, M, A	R, M, A		R, M, <u>A</u>		5	Q	
Out# 1 Comp 2c	Dem a mast. of skill related to tech, mgt, mkt in the area of study		I, R	R, M				R, M	R, M	R, M	M, <u>A</u>	R, M	R, M	R, M		R, M	R, M	A			2	DD	
Out# 1 Comp2d	Apply math, science & elec. skills, solve prob in hi-tech auto env.	I, R	R, M	R, M	R, M, A	R, M, A		R, M	R, M	R, M	M, A	R, M	R, M		R, M	R, M, <u>A</u>	R, M, A				5	L	
Out# 1 Comp 3 e	Grads will sel prop comp equip for info and to diag auto prob			I, R,	R, M	R, M, A		R, M			R, M, <u>A</u>	R, M	R, M, A		R, M			A			3	DD	
Out# 1 Comp 3 f	Grads use Comp to desgn and verify a varty of hyd & pneu. sys															I, R, M, <u>A</u>	I, R, M, A				2	DD	
Outcome 2: Graduates will utilize professionalism to communicate effectively with peers, faculty and other industry professionals																							
Outcome # 2 g	"demo comm & present skills by oral, verbal & elec means	I, R,	R, M	M, <u>A</u>	R, M	R, M, A	R, M, A	R, M	R, M	R, M			R, M	R, M, <u>A</u>	R, M, A	R, M	R, M			M, A	6	C	
Outcome # 2 h	" " be able to listen effectively, interp & convey tech info	I, R	R, M	R, M	R, M, A	R, M		R, M	M, A	R, M	R, M	R, M	R, M	R, M, <u>A</u>	M, A	M	M		M	M, A	4	D	
Outcome 3: Graduates will demonstrate systematic problem solving and critical thinking strategies																							
Outcome # 3 i	" " will ID, select and use problem solving techniques		I, R	R, M, A	R, M	R, M, A	R, M	R, M	R, M, A		R, M	R, M	M, <u>A</u>		R, M			M, A	M		5	DD	
Outcome # 3 j	" " observ, docum & devind accepted methods & procedures		I, R	R, M	R, M	R, M, A		R, M	M, A	M, A	R, M	R, M		R, M	R, M	R, M, A	R, M, A			<u>A</u>	6	L	
Outcome # 3 k	" " demonstrate critical thinking to reason & anticipate results		I, R	R, M				R, M	M, A	M, A	M, A	R, M		R, M	R, M	R, M	R, M	M, <u>A</u>	M		4	Q	
Outcome 4: Graduates will exhibit a global awareness																							
Outcome # 4 l	" " show a concern for the global working & natural envr.	I, R, M	R, M	R, M	R, M	R, M		R, M	R, M, A	R, M	R, M	P, <u>A</u>		R, M	R, M					R, M, A	3	D	
Outcome # 4 m	" " demo sensitivity to human and cultural diversity	I, R, M		R, M				R, M		R, M	R, M	R, M						MA	R, M	M, <u>A</u>	2	D	
Outcome 5: Graduates will reflect professionalism, university values and ethics in decision making																							
Outcome # 5 n	" " reflect professionalism, values & ethics in decision making	I, R, A		R, M			R, M	R, M	R, M	R, M	R, M	P		R, M	R, M					D, P, <u>A</u>	2	Q	
Number of Assessments per class =		1	0	2	2	5	1	1	5	3	2	2	2	3	2	5	4	5	1	5			