## **ATTACHMENT A**

Transfer from Washtenaw Community College's Associate of Applied Science in Automation Technology (AAS-APATEC) to Wayne State University's Bachelor of Science in Electrical/Electronic Engineering Technology (BS-EET)

Washtenaw CC's AAS-APATEC students can transfer equivalent courses as listed in the following table to earn up to 86 credits for the BS-EET degree:

	WSU BS-EET Curriculum			Washtenaw CC Transfers
		Course	Cr	Transfer
······································	ET 2160	(CL) Computer Applications for ET	2	CPS 171
	MAT 1800	(MC) Elementary Functions	4	MTH 180
	MAT 3430	Appl Differential & Integral Calculus	4	MTH 186 or 192
Math &	MAT 3450	Appl Calculus & Diff Equations	4	MTH 286 or 295
Science	CHM 1020	(PS) General Chemistry	4	CEM 105
		(LP) General Physics	4	PHY 111
		(LP) General Physics	4	PHY 112
	EET 2000	Electrical Principles	3	ELE 111
Lower	EET 2100	Principle of Digital Design	3	ELE 284
Division	EET 2720	Microprocessor Fundamentals	3	LLL 204
Technical	LL1 2120	Wilcroprocessor Fundamentals	+ -	Other APATEC.ILEC
Courses	EET	Lower Division Technical		İ
			21	related technical courses
	E T 3850	Reliability & Engineering Statistics	3	***************************************
	E T 3870	Engineering Economic Analysis	3	
	E T 5870	Project Management	3	
	EET 3100	Advanced Digital Design	3	
Upper	EET 3150	Network Analysis	4	
Division	EET 3180	Analog Electronics	4	
Technical	EET 3500	Electrical Machines & Power Sys	3	
Courses	EET 3720	Micro & Programmable Controllers	3	
000.000	EET 3300	Applied Signal Processing	3	
	EET 4200	Control Systems	4	
	EET	Upper Division Tech Elective	3	ROB 224
	EET	Upper Division Tech Elective	3	
	E T 4999	(WI/ST) Senior Project	3	
		(BC) Basic Composition	3	
		(IC) Intermediate Writing	3	Associate Applied Science
		(OC) Oral Communication	3	degree graduates should take
		(HS) Historical Studies	3	appropriate General Education
General		(AI) American Society & Institutions	3	courses to satisfy WSU Gen
Education		(SS) Social Science	3	Ed requirements, or take
Courses		(FC) Foreign Culture	3	additional courses to satisfy
		(VP) Visual & Performing Arts	3	MACRAO Agreement. Please
		(PL) Philosophy & Letters	3	consult with Washtenaw CC or
		(LS) Life Science	3	Wayne State advisors.
		(CT) Critical Thinking Exam	0	
Total Credit required for BS-EET: 128				Total WCC transfer credit applied toward BS-EET: 86
Courses to satisfy	English Composition	(BC) ENG 1020 and (IC) ENG 2XXX	7	ENG 111 and 226

MACRAO	Social Science	Choose 3 courses in more than one discipline  Covers (AI), (FC), (HS), & (SS)	8-9	ANT 201, 202, 205 ECO 110, 211, 222, 280 GEO 101 HST 121, 122, 123, 235, 240, 251, 260 PLS 112, 150, 211, 220, 250,
		00vers (Al), (1 0), (110), & (00)		260 SOC 100, 155, 202, 205, 207, 220, 225, 230, 250
	Science & Math	Fulfilled by courses above (LS) & (PS)	8-9	
	Humanities	(OC) COM 1010  Plus, choose 2 additional courses – Covers (CT), (PL) & (VP)	8-9	COM 101  ART 130  DAN 180  ENG 140, 160, 170, 181, 200, 211, 212, 213, 214, 222, 223, 224  HUM 101, 102, 103, 120, 145, 146, 150, 160, 175, 185  MUS 180, 185  PHL 101, 123, 200, 205, 240, 244, 245, 250

## Transfer from Washtenaw Community College's Associate of Applied Science in Automation Technology (AAS-APATEC) to Wayne State University's Bachelor of Science in Electromechanical Engineering Technology (BS-EMT)

Washtenaw CC's AAS-APATEC students can transfer equivalent courses as listed in the following table to earn up to 84 credits for the BS-EMT degree:

	WSU BS-EMT Curriculum			Washtenaw CC Transfers
		Course	Cr	
	ET 2160	(CL) Computer Applications for ET	2	CPS 171
	MAT 1800	(MC) Elementary Functions	4	MTH 180
A 4 - 11 - 0	MAT 3430	Appl Differential & Integral Calculus	4	MTH 186 or 192
Math &	MAT 3450	Appl Calculus & Diff Equations	4	MTH 286 or 295
Science	CHM 1020	(PS) General Chemistry	4	CEM 105
	PHY 2130,1		4	PHY 111
	PHY 2140,1	(LP) General Physics	4	PHY 112
	ET 2140	Computer Graphics	3	
Lower	EET 2000	Electrical Principles	3	ELE 111
Division	EET 2100	Principle of Digital Design	3	ELE 284
Technical	EET 2720	Microprocessor Fundamentals	3	
Courses	EET	Lower Division Technical	18	Other APATEC.IELC related technical courses
	ET 3030	Statics	3	toominati ootiooo
	ET 3050	Dynamics	3	
:	ET 3850	Reliability & Engineering Statistics	3	
	ET 5870	Engineering Project Management	3	
	MCT 3010	Instrumentation	3	
Upper	MIT 3500	Manufacturing Processes Lab	1	
Division	EET 3720	Micro & Programmable Controllers	3	
Technical	EET 3150	Network Analysis	4	
Courses	EET 3500	Electrical Machines & Power Sys	1	MTT 102
0001303	EET 4200	Control Systems	4	WITT TOZ
	LL1 4200	Upper Division Tech Elective	3	ROB 224
	PLANTAL LINE	Upper Division Tech Elective	3	NOB 224
		Upper Division Tech Elective	3	
	E T 4999	(WI) Senior Project	3	
	E 1 4999	(BC) Basic Composition	3	,
		(IC) Intermediate Writing	3	
		(OC) Oral Communication	3	Associate Applied Science
		(HS) Historical Studies	3	degree graduates should take
General		(Al) American Society & Institutions	3	appropriate General Education
				courses to satisfy WSU Gen
Education Courses		(SS) Social Science	3	Ed requirements, or take additional courses to satisfy
Courses		(FC) Foreign Culture		MACRAO Agreement. Please
		(VP) Visual & Performing Arts	3	consult with Washtenaw CC or
		(PL) Philosophy & Letters	3	Wayne State advisor
		(LS) Life Science	3	vvayrie otate advisor
(CT) Critical Thinking Exam 0  Total Credit required for BS-EMT: 128			Total WCC transfer credit applied toward BS-EMT: 84	
Courses to satisfy	English Composition	(BC) ENG 1020 and (IC) ENG 2XXX	7	ENG 111 and 226

MACRAO	Social Science	Choose 3 courses in more than one discipline  Covers (AI), (FC), (HS), & (SS)	8-9	ANT 201, 202, 205 ECO 110, 211, 222, 280 GEO 101 HST 121, 122, 123, 235, 240, 251, 260 PLS 112, 150, 211, 220, 250, 260
	Science & Math	Fulfilled by courses above (LS) & (PS)	8-9	SOC 100, 155, 202, 205, 207, 220, 225, 230, 250
	Humanities	(OC) COM 1010  Plus, choose 2 additional courses – Covers (CT), (PL) & (VP)	8-9	COM 101  ART 130  DAN 180  ENG 140, 160, 170, 181, 200, 211, 212, 213, 214, 222, 223, 224  HUM 101, 102, 103, 120, 145, 146, 150, 160, 175, 185  MUS 180, 185  PHL 101, 123, 200, 205, 240, 244, 245, 250

## Transfer from Washtenaw Community College's Associate of Applied Science in Automation Technology (AAS-APATEC) to Wayne State University's Bachelor of Science in Mechanical Engineering Technology (BS-MCT)

Washtenaw CC's AAS-APATEC students can transfer equivalent courses as listed in the following table to earn up to 87 credits for the BS-MCT degree:

	WSU			Washtenaw CC
	BS-MCT Curriculum			Transfers
		Course	Cr	
	ET 2160	(CL) Computer Applications for ET	2	CPS 171
	MAT 1800	(MC) Elementary Functions	4	MTH 180
Math &	MAT 3430	Appl Differential & Integral Calculus	4	MTH 186 or 192
Science	MAT 3450	Appl Calculus & Diff Equations	4	MTH 286 or 295
Science	CHM 1020	(PS) General Chemistry	4	CEM 105
	PHY 2130,1	(LP) General Physics	4	PHY 111
	PHY 2140,1	(LP) General Physics	4	PHY 112
	ET 2140	Computer Graphics	3	
Lower	ET 2200	Engineering Materials	3	AMS 103
Division	EET 2000	Electrical Principles	3	ELE 111
Technical Courses	мст	Lower Division Technical	21	Other AAS-APATEC related technical courses
	ET 3030	Statics	3	
	ET 3050	Dynamics	3	
	ET 3850	Reliability & Engineering Statistics	3	
Upper	ET 3870	Engineering Economic Analysis	3	
Division	ET 5870	Engineering Project Management	3	
Technical	MCT 3010	Instrumentation	3	
Core	MIT 3500	Manufacturing Processes Lab	1	MTT 102
Courses		Upper Division Tech Elective	3	ROB 224
		Upper Division Tech Elective	3	
		Upper Division Tech Elective	2	
	E T 4999	(WI) Senior Project	3	
Dooise	MCT3100	Mechanical of Materials	3	
Design Track	MCT3410	Kinematic and Dynamics of Machines	3	
Courses	MCT4150	Applied Thermodynamics	3	
Courses	MCT4400	Design of Machine Elements	3	
Cnore:	MCT4150	Applied Thermodynamics	3	
Energy Track	MCT4180	Fluid Dynamics	3	
Courses	MCT4210	Heat Transfer	3	
Courses	MCT5210	Energy Source and Conversion	3	
Manu-	MIT 3520	Manufacturing Processes Lecture	2	
facturing	MIT3600	Process Engineering	3	
Track	MIT4700	Computer Aided Manufacturing	3	
Courses	MIT4800	Statistical Quality Control	4	
General Education		(BC) Basic Composition	3	Associate Applied Science
		(IC) Intermediate Writing	3	degree graduates should take
		(OC) Oral Communication	3	appropriate General Education
		(HS) Historical Studies	3	courses to satisfy WSU Gen
Courses		(AI) American Society & Institutions	3	Ed requirements, or take
Courses		(SS) Social Science	3	additional courses to satisfy
		(FC) Foreign Culture	3	MACRAO Agreement. Please
		(VP) Visual & Performing Arts	3	consult with Washtenaw CC or

		(PL) Philosophy & Letters	3	Wayne State advisors.
		(LS) Life Science	3	
		(CT) Critical Thinking Exam	0	
	Total Cre	dit required for BS-MCT: 128		Total WCC transfer credit applied toward BS-MCT: 87
	English Composition	(BC) ENG 1020 and (IC) ENG 2XXX	7	ENG 111 and 226
	Social Science	Choose 3 courses in more than one discipline  Covers (AI), (FC), (HS), & (SS)	8-9	ANT 201, 202, 205 ECO 110, 211, 222, 280 GEO 101 HST 121, 122, 123, 235, 240, 251, 260 PLS 112, 150, 211, 220, 250, 260 SOC 100, 155, 202, 205, 207, 220, 225, 230, 250
Courses to satisfy	Science & Math	Fulfilled by courses above (LS) & (PS)	8-9	
MACRAO	Humanities	(OC) COM 1010  Plus, choose 2 additional courses – Covers (CT), (PL) & (VP)	8-9	COM 101  ART 130 DAN 180 ENG 140, 160, 170, 181, 200, 211, 212, 213, 214, 222, 223, 224  HUM 101, 102, 103, 120, 145, 146, 150, 160, 175, 185  MUS 180, 185 PHL 101, 123, 200, 205, 240, 244, 245, 250

Transfer from Washtenaw Community College's Associate of Applied Science in Heating, Ventilation, Air Conditioning and Refrigeration (AAS-APHVCR) to Wayne State University's Bachelor of Science in Mechanical Engineering Technology (BS-MCT)

Washtenaw CC's AAS-APHVCR students can transfer equivalent courses as listed in the following table to earn up to 87 credits for the BS-MCT degree:

	WSU BS-MCT Curriculum			Washtenaw CC Transfers
		Course	Cr	
	ET 2160	(CL) Computer Applications for ET	2	CPS 171
	MAT 1800	(MC) Elementary Functions	4	MTH 180
	MAT 3430	Appl Differential & Integral Calculus	4	MTH 186 or 192
Math &	MAT 3450	Appl Calculus & Diff Equations	4	MTH 286 or 295
Science	CHM 1020	(PS) General Chemistry	4	CEM 105
		(LP) General Physics	4	PHY 111
		(LP) General Physics	4	PHY 112
_	ET 2140	Computer Graphics	3	
Lower	ET 2200	Engineering Materials	3	AMS 103
Division	EET 2000	Electrical Principles	3	ELE 111
Technical				Other AAS-APATEC related
Courses	MCT	Lower Division Technical	21	technical courses
	ET 3030	Statics	3	
	ET 3050	Dynamics	3	
	ET 3850	Reliability & Engineering Statistics	3	
Upper	ET 3870	Engineering Economic Analysis	3	
Division	ET 5870	Engineering Project Management	3	
Technical	MCT 3010	Instrumentation	3	
Core	MIT 3500	Manufacturing Processes Lab	1	MTT 102
Courses		Upper Division Tech Elective	3	HVA 203+205
		Upper Division Tech Elective	3	
		Upper Division Tech Elective	2	
	E T 4999	(WI) Senior Project	3	
Б :	MCT3100	Mechanical of Materials	3	
Design	MCT3410	Kinematic and Dynamics of Machines	3	
Track	MCT4150	Applied Thermodynamics	3	
Courses	MCT4400	Design of Machine Elements	3	
	MCT4150	Applied Thermodynamics	3	
Energy	MCT4180	Fluid Dynamics	3	
Track Courses	MCT4210	Heat Transfer	3	
Courses	MCT5210	Energy Source and Conversion	3	
Manu-	MIT 3520	Manufacturing Processes Lecture	2	
facturing	MIT3600	Process Engineering	3	
Track	MIT4700	Computer Aided Manufacturing	3	
Courses	MIT4800	Statistical Quality Control	4	
		(BC) Basic Composition	3	Associate Applied Science
		(IC) Intermediate Writing	3	degree graduates should take
General		(OC) Oral Communication	3	appropriate General Education
Education		(HS) Historical Studies	3	courses to satisfy WSU Gen
Courses		(AI) American Society & Institutions	3	Ed requirements, or take
		(SS) Social Science	3	additional courses to satisfy
		(FC) Foreign Culture	3	MACRAO Agreement. Please

	Total Cre	(VP) Visual & Performing Arts (PL) Philosophy & Letters (LS) Life Science (CT) Critical Thinking Exam edit required for BS-MCT: 128	3 3 3 0	consult with Washtenaw CC or Wayne State advisors.  Total WCC transfer credit applied toward BS-MCT: 87
	English Composition	(BC) ENG 1020 and (IC) ENG 2XXX	7	ENG 111 and 226
	Social Science	Choose 3 courses in more than one discipline  Covers (AI), (FC), (HS), & (SS)	8-9	ANT 201, 202, 205 ECO 110, 211, 222, 280 GEO 101 HST 121, 122, 123, 235, 240, 251, 260 PLS 112, 150, 211, 220, 250, 260 SOC 100, 155, 202, 205, 207, 220, 225, 230, 250
Courses to satisfy	Science & Math	Fulfilled by courses above (LS) & (PS)	8-9	
MACRAO	Humanities	(OC) COM 1010  Plus, choose 2 additional courses – Covers (CT), (PL) & (VP)	8-9	COM 101  ART 130 DAN 180 ENG 140, 160, 170, 181, 200, 211, 212, 213, 214, 222, 223, 224  HUM 101, 102, 103, 120, 145, 146, 150, 160, 175, 185  MUS 180, 185 PHL 101, 123, 200, 205, 240, 244, 245, 250