	Hudson Valley Community College	
	Mechnical Engineering Technology	
Course #	Course Title	Credits
Year One-Fall		1
FORM 1010	College Forum	3
ENGL 101	English Composition I	3
MECT 100	Interpreting Engineering Drawings	4
MECT 105	Engineering Materials	3
MECT 115	Computer Aided Graphics	4
MATH 150	College Algebra with Trig	
Year One-Spring		3
MECT 120	Manufacturing Processes	4
MECT 125	Statics and Dynamics	3
SOCL 120	Cultural Diversity in American Society	4
MATH 160	Precalculus	4
PHYS 135	Technical Physics I	
Year Two-Fall		3
MECT 130	Electricity	3
MECT 215	Statistical Quality and Process Control	4
MECT 225	Strengths of Materials	4
PHYS 136	Technical Physics II	· ·
Vear Two-Spring	reennear ruysics ii	3
ENGL 140	English Composition II: Writing About Literature	4
MECT 210	Industrial Instrumentation	3
MECT 230	Introduction to Computer Aided Manufacturing	4
MECT 230	Design of Machine Elements	4
MATH 180	Coloulus L (required hofers transfor)	4
MATH 180	Calculus I (required before transfer)	
	<u> </u>	
	<u> </u>	
		-
		-
	-	
		_
		_
		_
		_
		_
		_
		68

Notes: A.) Only one course can be transferred to statics & Strength of Materials. A maximum of 6 credits may be 100- or 200- level mechanical tech elective B.) Calculus I has to be taken with grade C or higher before enter the program

	SUNY Polytechnic- Utica	
	Mechanical Engineering Technology	Conditor
Course #	Equivalent Course Title	Accepted
7942.404		1
FYS 101	First Year Seminar	3
ENG 101	Freshman Composition	3
MIC 101	Introduction to Engineering Technology	4
MTC 136	Material Science Applications	3
MIC 162	Computer-Aided Design	4
MA1 110	College Algebra	2
MTC 211	Manufacturing Processes	
MTC 000	Machanical Tech Elective	4
HIS 102	Amer Hist: Deconstruct Present	
MAT 120	Precelculus	4
PHY 101	General Physics I	4
1111 101	General Thysics 1	3
ETC 102	Electric Circuits	3
MTC 000	Mechanical Tech Elective	4
MTC 224	Statics & Strength of Materials	4
PHY 102	General Physics II	
	Contra Physics I	3
ENG 110	Introduction to Literature	4
MTC 000	Mechanical Tech Elective	3
MTC 240	Solid Modeling & 3D Printing	4
MTC 226	Mechanical Components	4
MAT 121	Calculus I	
		4
MAT 122	Calculus II	4
COM 200	Oral Communication	3
MAT 110T	Chemistry I Theory	1
MAT 110L	Chemistry II Lab	3
MTC 264T	Fluid Mechanics Theory	1
MTC 264L	Fluid Mechanics Laboratory	2
MTC 211	Manufacturing Processes Lab	
		4
MAT 230	Differential Equations	4
COM 306	Upper-Division Writing	2
MTC 342T	Computer Aided Manufacturing Theory	2
MTC 342L	Computer Aided Manufacturing Lab	3
MAC 230T	Dynamics Theory	1
MAC 230L	Dynamics Laboratory	2
MTC 301	Professionalism/Work	
		3
MTC 454T	Heat Transfer Theory	1
MTC 454L	Heat Transfer Lab	4
MTC 3XX or 4XX	Mechanical Tech Elective	4
MTC 465	Advanced Machine Design	2
MTC 424	Capstone Experience 1	4
GEN ED	General Education	2
		2
MTC 352	Thermodynamics	4
MTC 426	Capstone Experience 2	4
GEN ED	General Education	2
MTC 3XX or 4XX	Mechanical Tech Elective	2
	Total Transfer Applied	62
	Total Remaining at SUNY POLY	66
	Total for Bachelors	128