



**ARTICULATION TRANSFER MATRIX BETWEEN
MESALAND COMMUNITY COLLEGE
AND
NORTHERN NEW MEXICO COLLEGE**



MCC Associate in Applied Science in Wind Energy Technology			NNMC BEng ElectroMechanical Engineering Technology		
General Education Requirements			MCC students who earn an Associate in Applied Science degree in Wind Energy Technology as prescribed in this document will receive a minimum of 39 credits from this prescribed agreement will require appropriate approval from MCC and/or NNMC.		
Area I. Communications - 6 credits			Area II. Mathematics - 3 credits		
ENG 102	English Composition	3	ENGR 1121L	Introductory Math for Engineering Applications I	3
ENG 233	Professional and Technical Writing	3	Area V Humanities - 3 credits		
Area III. Laboratory Sciences - 4 credits			Area V Course (3)		
GEOL 141	Introduction to Environmental Science	4	Area VI Fine Arts - 3 credits		
Area IV Social/Behavioral Sciences - 3 credits			Area VI Course (3)		
HPE 128	Individual Health and Conditioning	3	Additional - 6 credits		
Additional 3 credit			Civics Courses (3)		
COM 102	Public Speaking	3	STEMH Courses (3)		
Core Requirements - 23 credits			Support Courses - 14 credits		
			MATH 1510	Calculus I	4
WET 101	Introduction to Wind Energy	3	MATH 1520	Calculus II	4
WET 106	Electrical Theory for Renewable Energy	4	ENGR 1122L	Introductory Math for Engineering Applications II	3
			ENGR 2215	Physics for Engineers I	3
WET 116	Introduction to Motors and Generator	3	ENGR 2216L	Physics for Engineers II	3
			ENGR 2217L	Physics for Engineers III	3
WET 140, 141, 240			Wind Turbine Climbing and Safety I, II, III	3	Program Requirements (56 Credits)
WET 2014	Introduction to Hydrolics	3	CAD 1100	Engineering Drawing and Computer Aided Design Fundamentals	3
WET 121	Wind Turbine Mechanical Systems	3	CAD 2200	Intermediate Engineering Drawing and Computer Aided Design	3
WET 219	Wind Turbine Operations, Maintenance, and Repair	4	EET 3300L	Electrical Systems II with Lab	3
Total AS Credits 39			EET 4400L	Control Systems and Instrumentation with Lab	3
			EMET 4400	Advanced Electro-Mechanical Design	3
			MET 2201	Applied Mechanics I	3
			MET 3301	Applied Mechanics II	3
			EEC 1152L	Computer Programming I	3
			MET 3310	Manufacturing Processes and Automation	3
			MET 3302	Strength of Properties and Materials	3
			MET 3303	Thermodynamics	3
			MET 3317	Fluid Mechanics	3
			MATH	Intro to Ordinary Diff. Equ. OR Ordinary Diff. Equ.	3
			EMET 4402	Robotics	3
			MET 4421	Heat Transfer	3
			ENGR 4480	Engineering Management and Project Management	3
			EMET 4490	Capstone (WIC)	3
				Upper Division Elective	3
				Transfer from MCC AS Degree	39
				Other MCC transfer credits	0
				Other NNMC BEng technical program requirements	54
				Other NNMC BEng requirements	20
				Other NNMC Gened requirements	15
				Total Credit Hours	128

SIGNATURES AND DATE Mesaland Community College	
Department	
Chair	Date
Dean	Date
VPAA	Date

SIGNATURES AND DATE Northern New Mexico College Valid through 2023 Engineering and Technology	
Department	
Chair	Date
Chair	<i>Sadia Ahmed, 02/10/23</i> Date
VPAA	Date