



Appendix II

Undergraduate Articulation Credit Agreement
Waukesha County Technical College
 Associate of Applied Science – Mechanical Engineering Technology
And
Marquette University
 Bachelor of Science – Mechanical Engineering

WCTC		
First Semester		
Course Num	Course Name	Credits
606-115	Technical Drafting/CAD	4
606-117	Computer Programming Engineers	3
801-136	English Composition I	3
801-196	Oral/Interpersonal Comm	3
804-198	Calculus I	4
Total Semester Credits		17
Second Semester		
Course Num	Course Name	Credits
606-114	GD&T	3
606-121	Technical Statics	4
606-186	3D/Parametric Design	3
804-156	Calculus II	4
806-187	Calculus Based Physics I	3
Total Semester Credits		17
Summer Semester		
Course Num	Course Name	Credits
809-166	Intro to Ethics: Theory & App	3
Total Semester Credits		3

Marquette		
Course Num	Course Name	Credits
GEEN 1120	Introduction to Engineering Graphics	3
GEEN 1130	Introduction to Engineering Computing	3
ENGL 1001	Rhetoric and Composition I	3
CMST 1300	Public Speaking	3
MATH 1450	Calculus I	4
		16
MEEN 9290	Lower Division Transfer Credit	3
GEEN 2110	Statics	3
NONE 9201	No Marquette Equivalency or Award	0
MATH 1455	Calculus II for Biomedical and Civil Engineers	4 ⁴
PHYS 1003	General Physics with Introductory Calculus I	3 ⁵
		13
PHIL 2310	Theory of Ethics	3
		3



Third Semester		
Course Num	Course Name	Credits
420-160	Manufacturing Processes – Cold	2
606-123	Solid Mechanics	3
606-135	Engineering Design Projects I	2
606-170	Kinematics	3
809-195	Economics	3
809-199	Psychology of Human Relations	3
Total Semester Credits		16
Fourth Semester		
Course Num	Course Name	Credits
606-116	Machine Design Elements	3
606-145	Engineering Design Projects II	2
606-169	Dynamics	3
606-189	Finite Elem Analysis/Engineers	3
606-162	Manufacturing Process – Hot	2
Total Semester Credits		13



MEEN 3443	Manufacturing Engineering	3 ⁶
GEEN 2130	Mechanics of Materials	3
NONE 9201	No Marquette Equivalency or Award	0
MEEN 3220	Dynamics of Mechanical Systems	3
ECON 1001	Introduction to Economics	3
PSYC 9290	Lower Division Psychology Elective	3
		15
MEEN 3250	Design of Machine Elements I	3
NONE 9201	No Marquette Equivalency or Award	0
GEEN 2120	Dynamics	3
MEEN 4265	Intermediate Finite Element Methods	3
MEEN 3443	Manufacturing Engineering	0 ⁶
		9

Credit

Awarded: 56 total transferable credits

MCC

Notes:

Transfer level 3

MCC courses still needed: PHIL 1001, THEO 1001, CORE 1929, CORE 4929

⁶ Both 420-160 & 606-162 must be successfully completed at Waukesha County Technical College for MEEN 3443 at Marquette University credit to be awarded