

- *University of Wisconsin Milwaukee College of Engineering and Applied Science and Waukesha County Technical College*

WCTC Associate Degree: Associate of Applied Science, in Industrial Occupations Division

UWM Baccalaureate Degree: Bachelor of Science, Computer Science or Bachelor of Science in Engineering

Purpose:

This articulation program affords those students having Associate Degrees in the Industrial Occupations Division at WCTC the opportunity to be given credit for courses required in the UWM Bachelor of Science in Engineering or Bachelor of Science, Computer Science program as specified in this document. Some courses are not required of all majors. Consult with a program advisor for the required courses for each major. Students enter the program as pre-engineering and may need to meet additional requirements to advance to the major.

WCTC COURSES	UWM EQUIVALENT COURSE/CREDITS
General Education Courses	Consult Transfer Information System (TIS) www.uwsa.edu/tis
Math Courses	
804-154 Technical Calculus I	600-231 Calculus and Analytic Geometry ♦ 4 cr
804-156 Technical Calculus II	600-232 Calculus and Analytic Geometry ♦ 4 cr
804-167 Technical Calculus III	600-233 Calculus and Analytic Geometry ♦ 4 cr
Engineering Courses	
Completion of A.A.S. degree	340-100 Freshman Orientation ♦ 1 cr
606-102 Technical Drafting 606-110 Descriptive Geometry 606-166 PC Cad I	490-101 Fundamentals of Graphics ♦ 3 cr
606-125 Machine Design Problems	490-210 Introduction to Design Techniques ♦ 3 cr
606-121 Technical Statics	240-201 Statics - 3 cr
606-169 Dynamics	240-202 Dynamics - 3 cr
606-123 Solid Mechanics (Lab component must be completed at UWM)	240-303 Strength of Materials - 4 cr

Conditions:

The UW-Milwaukee baccalaureate candidate must also meet UWM♦s General Education and Cultural Diversity Requirements.

2. Program-to-Program transfer courses/credits are accepted only for the program/degree specified in this agreement. A change of major/degree/program invalidates these courses/credits for transfer unless they are approved within other Program-to-Program Articulation Agreement for a different major/degree/program at UW-Milwaukee.

3. Course equivalencies specified in this articulation agreement are subject to change in the event that the course curricula of either institution undergo revision. Updates to the course equivalency lists, including added courses, will be maintained at the following UWM web page: <http://www.uwm.edu/Dept/DES/ADMIS/articagr/agremnts.html#wctcs>

Credits will be granted only for courses at WCTC in which a student has earned a grade of C or better.

Waukesha County Technical College students must have an Associate Degree earned December 1998 and later. This agreement may not apply to students who have completed college work prior to enrolling at Waukesha County Technical College.

Admission to UWM does NOT guarantee admission to the professional major in the UWM College of Engineering and Applied Science. Students must meet all advancement to the major requirements as stated in the Undergraduate Catalog at the time of admission to UWM.
