

# TRANSFER ARTICULATION AGREEMENT

University of Wisconsin-La Crosse  
Western Wisconsin Technical College

**A.A.S. Computer Engineering Technology** (or A.A.S. Electrical Engineering Technology – see below)

**B.S. Computer Science Major – Concentration in Computer Engineering Technology**

WESTERN WISCONSIN TECHNICAL COLLEGE			UNIVERSITY OF WISCONSIN – LA CROSSE		
<b>PROFESSIONAL STUDIES</b>					
152 182	Game Development II	3 cr	CS 224		3 cr
662 133	Microprocessors	3 cr	CS 270		3 cr
660 135	Digital Electronics 1	2 cr			
152 153	CS1 - Java	3 cr	CS 120		4 cr
152 181	Game Development I	3 cr			
660 151	PC Sys and Networking	3 cr	CS 000L		3 cr
660 136	Digital Electronics 2	2 cr	CS 000L		2 cr

<b>ELECTIVE CREDITS</b>					
660 101	Fabrication Tech 1	1 cr	GEL 000L		1 cr
660 125	Electronic Devices	4 cr	GEL 000L		4 cr
660 115-116	DC/AC 1 and 2	6 cr	GEL 000L		6 cr
662 153	Intro to LabView	2 cr	GEL 000L		2 cr
801 197	Tech Reporting	3 cr	ENG 308L		3 cr
663 168	CET Project	4 cr	GEL 000L		4 cr
660 138	Communications Systems	3 cr	GEL 000L		3 cr

<b>GENERAL EDUCATION</b>					
605 104	Intro to Psychology	3 cr	PSY 100		3 cr
801 195	Written Communication	3 cr	ENG 110		3 cr
804 231	Calculus I	5 cr	MTH 207		5 cr
804 181	Calculus II	4 cr	MTH GenEd		1 cr
801 198	Speech	3 cr	CST 110		3 cr
806 154	Physics	4 cr	PHY 103		4 cr
809 196	Intro to Sociology	3 cr	SOC 110		3 cr

**Total WWTC credits: 67**

**Total WWTC transfer to UWL: 60**

***EET Option:***

Students who earn the A.A.S. in Electrical Engineering Technology may also take advantage of the above transferability of courses (where applicable) If they have also earned credit in the following:

- 152 153 Introduction to Java
- 152 181 & 182 Game Development I & II
- 804 231 & 181 Calculus I and II

CET Project (4 cr)

## REMAINING REQUIREMENTS

The BS in Computer Science with a Concentration in Computer Engineering Technology requires a minimum of 120 applicable degree credits. Students transferring from Western Wisconsin Technical College (Computer Engineering Technology A.A.S. or Electronic Engineering Technology A.A.S. plus required additional courses) having completed the coursework outlined in the above tables will be permitted to apply 60 credits toward the total and will need to complete the following:

### Major Requirements:

CS 220 – Software Design II (3 cr)

CS 340 – Abstract Data Types (3 cr.)

CS 370 - Computer Architecture (3 cr.)

CS 341 - Software Engineering (3 cr.)

CS 441 - Operating Systems (3 cr.)

Two courses from the following list (6 cr.)

CS 421 Programming Language Concepts (3 cr.)

CS 442 Structure of Compilers (3 cr.)

CS 455 Fundamentals of Information Security (3 cr.)

CS 471 Data Communications (3 cr.)

CS 300/400 Elective (3 cr.)

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CS 225 – Discrete Computational Structures (3 cr) or MTH 225 - Mathematical Logic (4 cr.)

### General Education:

Courses to meet General Education requirements (min. 23 cr.) One course must be a lab science to meet College Core requirements. *It is recommended to include ECO 336 or SAH 307 to also help meet graduation requirement.*

### Other:

300/400 coursework/electives to meet graduation requirement (10 cr.) *This may include up to four credits of internship.*

**Total UW-L credits: 67**

## OTHER SPECIFIC REQUIREMENTS:

1. This agreement applies only to those students who have received an Associate Degree in Applied Science from WWTC in Computer Engineering Technology (or Electronic Engineering Technology A.A.S. plus required additional courses).
2. WWTC courses substituted for those specified in the agreement or taken as electives will be reviewed on a case-by-case basis to determine transferability and/or applicability to degree requirements.

3. The articulated candidate must meet the UW-L General Education, Major, and Graduation requirements as required of all UW-La Crosse Computer Science majors. (The College Core requirement of a *minor or 18 credits of advanced electives* has been waived by the College Committee for articulated students. However the College Core requirement of two laboratory sciences must be met.)
4. Course equivalencies specified in this articulation agreement are subject to change in the event that the course curricula of either institution undergo revision.
5. Program-to-program transfer course and credits are accepted only for the degree specified in the agreement. A change of major invalidates this course and credit transfer unless they are approved within some Program-to-Program articulation agreement for a different major at UW-L.