

TRANSFER ARTICULATION AGREEMENT

University of Wisconsin-Stout Gateway Technical College

A.A.S Individualized Technical Studies, E-Business Application Developer at Gateway Technical College

B.S. Industrial Management and Computer Science Minor at the University of Wisconsin-Stout

RATIONALE: The coursework for the A.A.S. in Individualized Technical Studies, E-Business Application Developer at Gateway Technical College is similar to the coursework for the B.S. in Industrial Management and Computer Science Minor at the University of Wisconsin-Stout.

| Gateway Technical College | | | UNIVERSITY OF WISCONSIN-STOUT | | |
|---|---|--------|-------------------------------|--|--------|
| GENERAL EDUCATION | | | | | |
| Communication Skills | | | | | |
| 801-195 | Written Communications | 3 | ENGL 101 | Freshman English-Composition | 3 |
| 801-196 | Oral/Interpersonal Communication | 3 | SPCOM 100 SPCOM XXX | Fundamentals of Speech Speech Elective | 2 1 |
| Analytic Reasoning | | | | | |
| 804-196 | College Technical Math 1-A | 3 | MATH 120 | College Math I | 3 |
| Social & Behavioral Sciences | | | | | |
| 809-195 | Economics | 3 | ECON 201 | General Economics | 3 |
| 809-197 | Contemporary American Society | 3 | SOC GCG | Sociology Elective (ESC/GLP) | 3 |
| 809-198 | Psychology, Intro to | 3 | PSYC 110 | General Psychology | 3 |
| TECHNICAL EMPHASIS | | | | | |
| And | | | | | |
| *Computer Science Minor | | | | | |
| 150-101 | Networking Essentials | 1 | CS XXX | Computer Science Elective | 1 |
| 150-102 | e-business Security | 1 | CS XXX | Computer Science Elective | 1 |
| 152-101 | Programming Fundamentals | 1 | CS XXX | Computer Science Elective | 1 |
| 152-102 | Intro to Programming using C | 3 | CS XXX | Computer Science Electives | 3 |
| *152-103 And *152-111 | Data Structures & Algorithms Object Oriented Programming using C++ | 3 3 | CS 244 CS XXX | Data Structures Computer Science Electives | 4 2 |
| *152-104 And *152-113 | RDBMS & SQL Concepts DB2 UDB Programming & Stored Procedures | 2 2 | CS 443 CS XXX | Database Systems Computer Science Elective | 3 1 |
| *152-112 | Core JAVA | 4 | CS 144 CS 145 | Computer Science I Computer Science II | 2 2 |
| *152 114 And *152-115 | Software Engineering Object Oriented Analysis & Dsgn using UML | 1 1 | CS 448 | Software Engineering | 2 |
| *152-116 And *152-118 | Web Programming I (HTML, JavaScript) Enterprise JAVA I (JSPs and Servlets) | 2 4 | CS 248 CS XXX | Web and Internet Programming Computer Science Electives | 3 3 |
| 152-117 | Project #1 | 2 | CS XXX | Computer Science Electives | 2 |
| 152-119 | Enterprise JAVA II (EJBs) | 3 | CS XXX | Computer Science Electives | 3 |
| 152-120 | Enterprise Application Dev Using XML | 3 | CS XXX | Computer Science Electives | 3 |
| 152-121 | Project #2 | 2 | CS XXX | Computer Science Electives | 2 |
| 154-101 | Intro to Computers, Windows & Office Tools | 2 | CS XXX | Computer Science Electives | 2 |
| *154-102 | Computer Architecture & Operating Systems Concepts | 2 | CS 245 | Intro to Computer Organization | 2 |
| 154-103 | Linux Basics | 2 | CS XXX | Computer Science Electives | 2 |
| 154-104 | Internet & e-business Fundamentals | 1 | CS XXX | Computer Science Elective | 1 |
| 154-105 | e-business & e-commerce Foundations | 1 | CS XXX | Computer Science Elective | 1 |

1. If courses have been substituted for those specified in the program at Gateway Technical College, they would be reviewed on a case-by-case basis and determined how they apply to the degree at UW-Stout.
2. Elective courses taken at Gateway Technical College for the program will be reviewed on a case-by-case basis and determined how they apply to the degree at UW-Stout.
3. A cumulative grade point average of 2.5 is required for admission. However, courses which have been completed with a grade of D are acceptable to meet program requirements unless the UW-Stout major requires a higher acceptable grade.
4. A minimum of 32 credits must be taken through UW-Stout in order to earn a degree from UW-Stout.
5. The attached program plan sheet reflects the requirements in the Industrial Management and Computer Science Minor program that pertains to this agreement.
6. In completing a degree in Industrial Management and Computer Science Minor at UW-Stout, students transferring from Gateway Technical College will have to complete the following requirements:

| | | | | | | |
|----------------------------------|----|-------------------|--|-----------------------------|----|-------------------|
| <u>General Education Credits</u> | -- | <u>24 Credits</u> | | <u>Professional Studies</u> | -- | <u>42 Credits</u> |
| Communication Skills | - | 3 Credits | | | | |
| Humanities/Arts | - | 9 Credits | | | | |
| Natural Science w/lab | - | 4 Credits | | | | |
| Analytical Reasoning | - | 2 Credits | | | | |
| Health & Wellness | - | 2 Credits | | | | |
| Technology | - | 2 Credits | | | | |
| General Education Selective | - | 2 Credits | | | | |
7. This articulation agreement applies only to the B.S. in Industrial Management and Computer Science Minor in effect 2004 Fall semester until revised. A change of major invalidates these course/credits for transfer unless they are approved within some other program-to-program articulation agreement for a different major at UW-Stout.

APPROVALS:

Gateway Technical College:

Date

University of Wisconsin-Stout:

Wendy Dittmann, Program Director Date

Bruce Johnston, Minor Advisor Date

Dr. Robert Meyer, Dean Date
College of Technology, Engineering & Mgmt

Eileen Zito, Department Chair Date
Mathematics, Statistics & Computer Science

Dr. John Murphy, Dean Date
College of Arts & Sciences

Dr. Robert Sedlak, Provost

Date

