# PROGRAM TRANSFER TABLE

**Check if the sending program \_\_\_\_ or receiving program \_\_\_\_ is new.**

|  | College (sending) | University (receiving) |
|---|---|---|
| Institution | Dakota County Technical College | Saint Mary's University of Minnesota |
| Program name | Software Development | Information Technology |
| Award Type (e.g., AS) | AAS | BS |
| Credit Length | 60 | 120 |
| CIP code (6-digit) | 11.0201 | 11.0103 |
| Describe program admission requirements (if any) |  | An official transcript issued to Saint Mary's University with a minimum of 30 semester credits including a basic English Composition course. |

## Instructions

- List all required courses in both academic programs.
- MnTC goal areas transfer to the receiving institution according to the goal areas designated by the sending institution.
- Do not indicate a goal area for general education courses that are not part of the MnTC.
- For restricted or unrestricted electives, list number of credits.
- Credits applied: the receiving institution course credit amount may be more or less than the sending institution credit amount. Enter the number of credits that the receiving institution will apply toward degree completion.
- Show equivalent university-college courses on the same row to ensure accurate DARS encoding.
- Equiv/Sub/Wav column: If a course is to be encoded as equivalent, enter Equiv. If a course is to be accepted by the university as a "substitution" only for the purposes of this agreement, enter Sub. If a course requirement is waived by the receiving institution, enter Wav. If a course is to be accepted by the university as a MnTC goal area, restricted elective or unrestricted elective, leave the cell blank.

(To add rows, place cursor outside of the end of a row and press enter.)

## SECTION A - Minnesota Transfer Curriculum-General Education

| College (sending) | | | University (receiving) | | | |
|---|---|---|---|---|---|---|
| course prefix, number and name | Goal (s)[1] | Credits | course prefix, number and name | Goal(s)[1] | Credits Applied | Equiv Sub Wav |
| Minnesota Transfer Curriculum-General Education | | | | | | |
| COMS1020-Interpersonal Communication | 1 | 3 | Oral Communications | | 3 | Sub |
| ENGL1150-Composition I | 1 | 3 | Written Communications | | 3 | Sub |
| MATS1251-Statistics, OR MATS1240-Quantitative Reasoning, MATS1300-College Algebra, OR PHIL1250-Inroduction to Logic | 4 | 3 | Mathematics | | 3 | Sub |
| Any MnTC Gen Ed Goal Area | 1-10 | 6 | (Depends on goal area of the course) | | 6 | Sub |
| **MnTC/General Education Total** | | **15** | | | | |

Special Notes, if any:

## SECTION B - Major, Emphasis, Restricted and Unrestricted Electives or Other

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[1] MnTC goal areas transfer to the receiving MnSCU college/university according to the goal areas designated by the sending college/university

(pre-requisite courses, required core courses, required courses in an emphasis, or electives (restricted or general) within the major). Restricted electives (in Major) fulfill a specific requirement within a major. Example A: "Chose two of the following three courses;" Example B: A

| Major, Emphasis, Restricted, Unrestricted Electives or Other Courses | | | | |
|---|---|---|---|---|
| ISTC1015-Supporting Business Applications | 3 | Unrestricted elective | 3 | |
| ISTC1030-Operating Systems I | 3 | Unrestricted elective | 3 | |
| ISTC1033-Operating Systems II | 3 | Unrestricted elective | 3 | |
| ISTC1045-Networks Systems I:Introduction to Networking | 3 | Unrestricted elective | 3 | |
| ISTC1050-Database Systems | 3 | Unrestricted elective | 3 | |
| ISTC1061-Introduction to IT Security | 3 | IT432-Network Security | 3 | Sub |
| ISTC1100-Business Communication | 3 | COM310-Professional Communications | 3 | Sub |
| ISTC1230-Systems Design and Analysis | 3 | Unrestricted elective | 3 | |
| ISTC1300-Introduction to Programming | 3 | IT302-Introduction to Computer Programming | 3 | Sub |
| ISTC1510-Web Programming I | 3 | Unrestricted elective | 3 | |
| ISTC2100-Project Management OR ISTC2970-Internship | 3 | Unrestricted elective | 3 | |
| ISTC2110-Web Programming II | 3 | Unrestricted elective | 3 | |
| ISTC2320-.NET I | 3 | Unrestricted elective | 3 | |
| ISTC2330-Cross Platform Mobile App Development | 3 | Unrestricted elective | 3 | |
| ISTC2330-Web Programming III | 3 | Unrestricted elective | 3 | |
| Technical electives (certificate dependent) | 9 | Unrestricted elective | 6 | |
| Unrestricted elective credits (if none enter 0) | 0 | College's unrestricted elective credits accepted in transfer (if none enter 0) | 0 | |
| **Major, Emphasis, Unrestricted Electives Total** | **54** | **Total College Credits Applied (sum of sections A and B)** | **69** | |

## SECTION C - Remaining University (receiving) Requirements

| | Course prefix, number and name | Credits |
|---|---|---|
| | **Required Information Technology Courses** | |
| | IT303-Data and Database Management | 3 |
| | IT305-Enterprise Architecture Fundamentals | 3 |
| | IT400-Introduction to Cybersecurity | 3 |
| | IT415-Computer Network and Mobile Technologies | 3 |
| | IT440-Business Intelligence Fundamentals | 3 |
| | IT457-Cloud Computing Fundamentals | 3 |
| | **Required Communication Courses** | |
| | COM309 – Professional Writing | 3 |
| | **Required Capstone** | |
| | MG495 – Bachelor of Science Capstone | 3 |
| | **Core Program Elective Courses** | |
| | See catalog for elective course options | 6 |
| | University unrestricted elective credits not counted elsewhere (if none enter 0) | 21 |
| | **Total Remaining University Credits** | **51** |

**Special Notes, if any:** Course substitutions subject to a possible 5-year time limit.

## SECTION D - Summary of Total Program Credits

| College (sending) Credits | | University (receiving) Requirements | |
|---|---|---|---|
| **MnTC/General Education** | 15 | | |
| **Major, Emphasis, Unrestricted Electives or Other** | 54 | | |
| **Total College Credits** | 69 | **Total College Credits Applied** | 69 |
| | | **\*\*Remaining credit to be taken at the university (receiving institution)** | 51 |
| | | **Total Program Credits** | 120 |

**Special Notes, if any:** Per Saint Mary's University of Minnesota (SMUMN) policy, SMUMN will transfer college-level courses completed at Minnesota State community and technical colleges with grades of "C-" or better. A minimum of 30 semester credits transferrable to Saint Mary's University of Minnesota (to include an English composition course) are required for admission to an SMUMN bachelor's completion program. A minimum of 30 of the 120 program semester credits need to be completed at SMUMN (minimum residency requirement; see SMUMN policy).