**Program Outcomes and Course Alignment (POCA)**

**Program/Track Name: \_\_\_\_Computer Systems - Information Systems Track\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| Program-Level Learning Outcomes | |
| Program Learning Outcome 1: | Students will utilize office application software and other software tools to present ideas and information clearly. |
| Program Learning Outcome 2: | Students will use “goal-seeking” and “what-if” analysis to solve problems and make decisions in business environments. |
| Program Learning Outcome 3: | Students will identify/explain ethical, legal and social issues in modern information systems environments. |
| Program Learning Outcome 4: | Students will create and **utilize** a database in an information system. |
| Program Learning Outcome 5: | Students will diagnose network issues, identify best practices when moving to the cloud, and utilize established safety procedures when mitigating threats. |

**Program Map ▼**I=Introduced P=Practiced E=Emphasized A=Assessed

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| Program Courses | Program Learning Outcome 1 | Program Learning Outcome 2 | Program Learning Outcome 3 | Program Learning Outcome 4 | Program Learning Outcome 5 |
| ITSW 1304 | I, P, E | I, P, E. A |  |  |  |
| ITSW 1310 | I, P, E, A |  |  |  |  |
| ITSW 1307 | I, P, E |  |  | I, P, E, A |  |
| ITSY 1300 |  |  | I, P, E |  |  |
| BMGT 1307 |  | I, P, E |  |  |  |
| BCIS 1305 |  |  | I, P, E, A | I, P, E |  |
| COSC 1315 | I, P |  |  |  |  |
| ITSE 1311 | I, P |  |  |  |  |
| ITNW 1309 |  |  |  |  | I, P, E |
| ITNW 1358 |  |  |  | I | P, E, A |
| ITSE 2309 |  |  |  | I, P, E |  |
| ITSC 1315 | I, P |  |  |  |  |
| ITSE 1350 | I, P |  | I |  |  |

**Assessment Plan for Program Learning Outcomes**

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| Program-Level Learning Outcome (e.g. Students will describe the impact of various cultures on American cuisine.) | Assessment Measure(s) and Where Implemented in Curriculum – Description of Instrument(s)/ process(es) used to measure results and indication of where the assessment will be collected in curriculum. (e.g. Essay on Cultural influences on American cuisine in CUIS 1300.) | Targets- Level of Success Expected  (e.g. 80% of students score 2.5 or better on rubric for essay on cultures and cuisine.) |
| PLO #1  Students will utilize office application software to present ideas and information clearly. | Module 5 (integrating PowerPoint with Other Programs) Project in **ITSW 1310-Introduction to Presentation Graphics Software.** This assessment focuses on the effective integration of multiple Microsoft Office programs in the creation of a targeted PowerPoint project. | 75% of students score 80 points or above based on rubric for project.  . |
| PLO #2  Students will use “goal-seeking” and “what-if” analysis to solve problems and make decisions in business environments. | Module 4 (Analyzing and Charting Financial Data) Project in **ITSW 1304-Introduction to Spreadsheets**. This assessment addresses critical thinking and problem-solving abilities using spreadsheet software. | 75% of students score 80% or above based on rubric for project |
| PLO #3  Students will identify/explain ethical, legal and social issues in modern information systems environments | Quiz on Ethical, Legal and Social issues of Information Systems in **BCIS 1305-Business Computer Applications**. This assessment measures the level of knowledge attained relating to appropriate ethical and moral standards in modern computing environments. | 75% of students score 80% or above on Quiz questions |
| PLO #4  Students will create and utilize a database in an information system. | Module 2 (Building a Database and Defining Table Relationships) Project in **ITSW 1307-Introduction to Databases**. This assessment targets ways to create and utilize data in an information system to provide business insights. | 75% of students score 80% or above based on rubric for project |
| PLO #5  Students will diagnose network issues, identify best practices when moving to the cloud, and utilize established safety procedures when mitigating threats | **ITNW 1358**: Final Exam. This assessment measures the level of knowledge attained in maintenance of computer networks. | 75% of students score 80% or above based on exam. |