

# CSC 1140 – Information Systems Analysis & Design

## Credit Type – Proficiency



MIAMI VALLEY  
**TECHPREP**  
CONSORTIUM

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| <b>Course Description and Learning Outcomes:</b>                                                                                                                                                                                               |
| <a href="https://www.sinclair.edu/course/params/subject/CIS/courseNo/1140/">https://www.sinclair.edu/course/params/subject/CIS/courseNo/1140/</a>                                                                                              |
| <b>Faculty Pathway Specialist(s)</b> (Please include name, email and office hours):                                                                                                                                                            |
| <b>Paul Hansford</b> , paul.hansford@sinclair.edu                                                                                                                                                                                              |
| <b>Resources Needed to Offer Course</b> (software, equipment, books [include ISBN and edition], etc. – please include any associated costs):                                                                                                   |
| Systems Analysis and Design, 12th ed. (Tilley/Rosenblatt) Cengage Learning 2020. ISBN: 0357117816, 9780357117811. Cengage Book Representative – Jennifer Barger <a href="mailto:jennifer.barger@cengage.com">jennifer.barger@cengage.com</a> ) |
| For AY 27-28 – must update to Systems Analysis and Design, 13th ed. (Tilley) Cengage Learning 2025.                                                                                                                                            |
| <b>How is the final grade for the course determined?</b> (Please list all required assignments, assessments, etc.)                                                                                                                             |
| 3 Exams - Rubric provided in shell for non-auto graded questions<br>12 Assignments<br>12 Quizzes<br>4-Part Ethics Paper                                                                                                                        |
| <b>Who is responsible for grading the required assignments and/or assessments?</b> (faculty or instructor?)                                                                                                                                    |
| Grades will need to be posted in eLearn by the High School Instructor                                                                                                                                                                          |
| <b>What is the grading scale for the course?</b>                                                                                                                                                                                               |
| A (90-100%) 757 - 842<br>B (80-89%) 673 - 756<br>C (70-79%) 589 - 672<br>D (60-69%) 505 - 588<br>F (below 60%) 0 - 504                                                                                                                         |
| <b>Must students access the eLearn shell regularly to complete requirements?</b>                                                                                                                                                               |
| Requires that students log in and utilize content in eLearn and submit all work through eLearn                                                                                                                                                 |
| <b>Does the course require access to YouTube, GoogleDrive, etc.?</b>                                                                                                                                                                           |
| N/A                                                                                                                                                                                                                                            |
| <b>Additional course details or requirements important for instructors not covered above:</b>                                                                                                                                                  |
| N/A                                                                                                                                                                                                                                            |
| <b>Most common (or popular) degrees this course is in?</b>                                                                                                                                                                                     |
| <b>CRT:</b><br>Data Analytics 1-year DA.S.CRT<br>Fast Track Programming FTPA1.S.STC<br>IT Fundamentals ITFN.S.STC<br><b>ATS:</b><br>Health Information Technology HIT.S.ATS<br><b>AAS:</b>                                                     |

Network Engineering  
Secure Systems Administration  
Software Development  
User Support  
Web Development  
Data Analytics