

CIS 2165 Database Management  
Credit Type – Proficiency



MIAMI VALLEY  
**TECHPREP**  
CONSORTIUM

<b>Course Description and Learning Outcomes:</b>
<a href="https://www.sinclair.edu/course/params/subject/CIS/courseNo/2165/">https://www.sinclair.edu/course/params/subject/CIS/courseNo/2165/</a>
<b>Faculty Pathway Specialist(s)</b> (Please include name, email):
<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):
Concepts of Database Management , 10th ed. (Pratt, Last) Cengage Learning 20212. New Perspectives Microsoft® Office 365 & Access 2019: (Shellman, Vodnik) Cengage Learning 2019 (first 4 chapters, instead of all 12). MS Access 2019 required. Required Teacher copy AND classroom set. \$119.99-1 term subscription (This was the cost on 4/1/2021, please check)
We anticipate a course rewrite with a potential for a new textbook for the AY 25-26, however, tentative plans are to move to open source database tool and OER teaching resources. More information to come.
<b>How is the final grade for the course determined?</b> (Please list all required assignments, assessments, etc.)
Grades will need to be posted in eLearn by the High School Instructor
<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%) 720-800 points B (80-89%) 640-719 points C (70-79%) 560-639 points D (60-69%) 480-559 points F (below 60%) < 480
<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>
No (but GoogleDrive is helpful)
<b>Additional course details or requirements important for instructors not covered above:</b>
MS Visio Professional helpful for ER diagrams, but online alternatives work like lucidcharts etc.
<b>Most common (or popular) degrees this course is in?</b>

**CRT:**

Cyber Investigation 1-year CYSEC.S.CRT

Data Analytics 1-year DA.S.CRT

Data Fundamentals DF.S.STC

Fast Track Programming FTPA1.S.STC

Geospatial Technology Programming Specialist GST.S.STC

IT Fundamentals ITFN.S.STC

Web Programming WW1.S.STC

**ATS:**

Health Information Technology HIT.S.ATS

**AAS:**

Network Engineering

Secure Systems Administration

Software Development

User Support

Web Development

Cyber Investigation Technology

Data Analytics