CPTR2210 - Database Report Generation

Credits:	3 (2/1/0)
Description:	This course is an introduction to database reporting using commonly used tools. Examples include Microsoft Structured Query Language (SQL) Reporting Services, Comma-Separated Values (CSV), Microsoft Access and Excel, and Crystal Reports. Ethical and security concerns and challenges of database reporting are covered, along with best practices and business requirements used in database reporting.
Prerequisites:	• CPTR1106
Corequisites:	
Pre/Corequisites*:	• CPTR2230 • MATH1213
Competencies:	1. Apply querying techniques to generate reports. 2. Contrast the leading software packages relating to database reporting. 3. Publish database reports from relational datasets. 4. Publish database reports from eXtensible Markup Language (XML) datasets. 5. Identify business factors involved in report distribution. 6. Identify and analyze security and ethical issues related to database reporting. 7. Demonstrate database optimization techniques for database reporting. 8. Analyze use cases of database reporting. 9. Explain current trends in database reporting. 10. Demonstrate best practices of database reporting.
MnTC goal areas:	None

**Can be taking as a Prerequisite or Corequisite.*

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