Authoring Organization: Bellevue College

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Charting and Dashboards Syllabus

Please provide a complete syllabus. All elements of the syllabus are required unless noted as "if applicable."

Course Title: Data Visualization (2 modules)	**Course Number** (If applicable):

COURSE DESCRIPTION: These modules would typically be part of a data visualization course with the student having at least one prior course in business intelligence systems.

PREREQUISITES: Introduction to Business Intelligence

REQUIRED MATERIALS: access to SQL Server databases, Analysis Services and Tableau software

ADDITIONAL RESOURCES (if applicable):

LEARNING OUTCOMES/COMPETENCIES:

For these modules:

The successful student will be able to**:**

1. Use analytic tools for data visualization.

2. Use charts appropriately and effectively in data visualizations.

3. Select the appropriate chart type for a variety of different data types and scenarios.

4. Create effective dashboards to convey organizational information.

COURSE ASSESSMENT:

Grading Scale

This is dependent upon the course to which the modules are added.

Category	Weight
Final Grade	**100%**

Total Points	Percentage	Grade
		A
		B
		C
		D
		F

COURSE SCHEDULE:

Note: This partial example shows a course that combines lecture and lab components.

Module/ Lesson	Module/Lesson Title & description (if applicable)	Learning Outcomes	Assignment (w/category & point value)
1.	Charting with Analytic Tools This material is suitable for a 1 week lesson for a 5 credit quarter class. It would likely be a module included more than	1. Use analytic tools for data visualization 2. Use charts appropriately and effectively in data visualizations 3. Select the appropriate chart type for a variety of different	Creating Charts Category and point values dependent upon course in which module is included

	midway through the course.	data types and scenarios	
2.	Creating Effective Dashboards This material is suitable for a 1 week lesson for a 5 credit quarter class. It would likely be a module included more than midway through the course. This module should follow the Charting with Analytic Tools module directly.	1. Create effective dashboards to convey organizational information	Dashboard Assignment Category and point values dependent upon course in which module is included
2.			
3.			
4.			
5.			
6.			
7.			