

# GD 2410 - INFORMATION VISUALIZATION

Credits: 3

This sophomore course focuses on information design, information architecture, and information visualization. Students learn strategies to organize and display data from tabular data to graphs, charts, and infographics. Storytelling will be utilized to make data more accessible and relatable. New technologies will be exercised for dynamic data displays. Upon successful completion of this course, students demonstrate a responsible use of data, molding it into information that enhances knowledge and understanding.

Prerequisite: GD2210 Vector Illustration, GD2220 Raster Image Processing

Course Learning Outcomes:	Exceeding	Meeting	Developing	Not meeting	Program Outcomes	Institutional Outcomes
Translate data into a relevant visual form.	Provides 6 to 10 examples of information and data being communicated in visual form.	Provides 4 to 6 examples of information and data being communicated in visual form.	Provides 2 to 4 examples of information and data being communicated in visual form.	Does not provide examples of information and data being communicated in visual form.	GD-1, GD-2, GD-4, GD-5, GD-6,, GD-9	Cultural Competence, Design Competence, Communication Competence, Critical Thinking
Assess why information design and data visualization is successful.	Identifies numerous examples of information design and data visualization being successful	Identifies examples of information design and data visualization being successful	Identifies some examples of information design and data visualization being successful	Cannot identify examples of information design and data visualization being successful	GD-2, GD-4, GD-6, GD-8	Cultural Competence, Communication Competence, Design Competence, Critical Thinking
Articulate why information design and data visualization is successful.	Identifies numerous examples of information design and data visualization being successful	Identifies examples of information design and data visualization being successful	Identifies some examples of information design and data visualization being successful	Cannot identify examples of information design and data visualization being successful	GD-2, GD-4, GD-8	Cultural Competence, Communication Competence, Critical Thinking
Organize, analyze and present information.	Provides numerous examples of information and data being organized and analyzed.	Provides examples of information and data being organized and analyzed.	Provides some examples of information and data being organized and analyzed.	Provides little to no examples of information and data being organized and analyzed.	GD-1, GD-2, GD-4, GD-5, GD-6, GD-7	Cultural Competence, Design Competence, Communication Competence, Critical Thinking