GDTC2252 - Graphic Design Emerging Technologies

Credits:	3 (2/1/0)
Description:	This course examines current and evolving technologies influencing contemporary graphic design practice. Students explore emerging trends in printing processes, artificial intelligence (AI), production workflows, digital fabrication and design software/hardware. Emphasis is placed on evaluating how technological shifts impact visual communication, industry standards and project workflows.
Prerequisites:	• GDTC2250
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Identify current and emerging technologies influencing graphic design practice. 2. Evaluate the impact of new tools, software and hardware on design workflows and production methods. 3. Analyze contemporary trends in visual style, printing, digital media and cultural influence. 4. Demonstrate the use of selected emerging design tools such as AI-assisted applications, variable data systems or digital fabrication technologies. 5. Compare and differentiate traditional and emerging production processes in print and digital design. 6. Apply trend research to inform concept development and visual decision-making in design projects. 7. Critically assess the ethical, professional and creative implications of AI and automation in design. 8. Communicate insights on emerging technologies through written, visual and/or oral presentations. 9. Integrate new methods or technologies into a finished design project that reflects awareness of current industry directions.
MnTC goal areas:	None

Can be taking as a Prerequisite or Corequisite.

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