

## GDTC1151 - Process Printing Theory

Credits:	3 (2/1/0)
Description:	In this course, students will gain an understanding of the foundational theory of the printing process and be introduced to printing terminology.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	<ol style="list-style-type: none"><li>1. Define offset, screen print and digital printing processes.</li><li>2. Describe cyan, magenta, yellow and black process printing, spot color and tints.</li><li>3. Describe print separations, registration, dot gain and trapping.</li><li>4. Define lines per inch, dots per inch and pixels per inch.</li><li>5. Describe various printing substrates and production specifications.</li><li>6. Identify possible workflow efficiencies and demonstrate results using modern production practices.</li><li>7. Describe print manufacturing stages, output devices and bindery methods.</li><li>8. Identify different file formats and their appropriateness for various applications.</li><li>9. Produce a variety of finished goods utilizing industry-level standards, equipment and production methods.</li></ol>
MnTC goal areas:	None

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