



*Belleville Board of Education
102 Passaic Avenue
Belleville, New Jersey 07109*

Graphic Communications

*Belleville High School
Business & Career Technical Education Department*

Submitted by:
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Board of Education Approved: January 23, 2012

Unit/Month Curriculum Map

Grade Level/Subject/Course: Graphic Communications	Grades 11,12
Month: SEPTEMBER Weeks 1, 2, 3, 4	
Essential Questions: What is the role of Graphic Communications in today's society? What are the class expectations? What are the safety and emergency procedures for working in this shop? What are the weekly requirements? What terminology is needed to discuss Software & Printing Technology? What are the processes for printing? What are the processes available in the classroom? What is the C6501 Printer? What are the printer capabilities? What is the Fiery? What is the Command Workstation?	
Content: Review basic Graphic Communications terms and software. Identify student responsibilities, Rules, Procedures, and Expectations. Analyze the need for Safety and Emergency Procedures. Examine MAC Operating Menus. Identify Student Login and Password Procedures. Review the accessibility of H:Drive/S:Drive, their use, and when to restart the computer. Examine Adobe Creative Suite Programs, Review InDesign, Illustrator and Photoshop	
NJCCCS: 9.4.12.C.1, .2, .4-.11, .13, .15, .18, .19, .21-.23, .27, .28, .31, .32, .34, .36-.43, .46, .49-.52, .54-.57, .59, .65, .69, .71, .73-.75 9.4.12.E.1, .2, .13-.15, .17, .18, .20, .22-.27, .34, .35, .40, .41, .45, .46, .48, .49, .51-.55, .57, .59, .63-.65, .67, .70-.72 9.4.12.K.1, .2, .4-.11, .13, .17, .18, .20, .24, .26, .27, .32, .33, .45, .47, .48, .50, .59, .64 NJCCCS: 8.1.12.A.2	
Skills/Benchmarks: Demonstrate proficiency of Printing Technology; Software, History and Terminology. Show Awareness of Safety and Emergency Procedures. Recognize the use of the network drives; H:Drive/S:Drive & the local C:Drive Determine When and How to Restart the Computer. Demonstrate Proficiency with the MAC Operating Menus & Functions. Use Adobe Indesign for newsletter design. Demonstrate how to use the C6501 Printer, the Fiery and Command Workstation	
Assessment: Written quizzes and tests Use of rubric Class projects Class participation Individual critique Individual compliance with internet and class rules	
Activities: Read text, periodicals, and internet resources. Class discussions with participation by all students Follow Teacher directed LCD Projection Complete exercises from the Graphic Communications Text Book Complete related handout assignments	

Technology:

Use of Apple Computers, Mac OS, Adobe Creative Suite 4 Software including Photoshop, Illustrator, InDesign
 Operate student workstations. □ Demonstrate proficient use of software. Internet access.
 C6501 Printer, the Fiery and Command Workstation

Resources:

Graphic Communications, The Printed Image Text and Workbook
 Related handouts
 LCD Projection
 Internet research
 Various websites and videos
 Printed samples

Unit/Month Curriculum Map

Grade Level/Subject/Course: Graphic Communications	Grades 11,12
Month: OCTOBER Weeks 5,6,7,8	
Essential Questions: What are the advanced tools and functions of Indesign? What are the advanced tools and functions of Photoshop? What is a pdf file? Why do we use pdf files? Why is measuring so important in our industry? Who determines cost of a job? What determines an estimate? Should we rely on “manual” estimates or software?	
Content: Measurement Typography Review and Practice Adobe InDesign. Review and Practice Adobe Photoshop.	
NJCCCS: 9.4.12.C.1, .2, .4-.11, .13, .15, .18, .19, .21-.23, .27, .28, .31, .32, .34, .36-.43, .46, .49-.52, .54-.57, .59, .65, .69, .71, .73-.75 9.4.12.E.1, .2, .13-.15, .17, .18, .20, .22-.27, .34, .35, .40, .41, .45, .46, .48, .49, .51-.55, .57, .59, .63-.65, .67, .70-.72 9.4.12.K.1, .2, .4-.11, .13, .17, .18, .20, .24, .26, .27, .32, .33, .45, .47, .48, .50, .59, .64 NJCCCS: 8.1.12.A.2	
Skills: Identify the basic terms used to describe type Explain the difference between a family, a series and a font of type Explain the factors that contribute to the legibility of type Demonstrate skills acquired in Applications [InDesign & Photoshop]. Performance of various functions of the Photoshop and Indesign Tools. Creation of Newsletter Incorporation of Proper Terminology throughout the Design Process.	
Assessment: Use of rubric Class projects Class participation	

Written quizzes and tests Individual critique Individual compliance with internet and class rules
Activities: Read text, periodicals, and internet resources. Class discussions with participation by all students Follow Teacher directed LCD Projection Complete exercises from the Graphic Communications Text Book Complete related handout assignments
Technology: Use of Apple Computers, Mac OS, Adobe Creative Suite 4 Software including Photoshop, Illustrator, InDesign Operate student workstations. □ Demonstrate proficient use of software. Internet access. C6501 Printer, the Fiery and Command Workstation
Resources: Graphic Communications, The Printed Image Text and Workbook Related handouts LCD Projection Internet research Various websites and videos

Unit/Month Curriculum Map

Grade Level/Subject/Course: Graphic Communications	Grades 11,12
Month: NOVEMBER Weeks 9,10,11,12	
Essential Questions: What is the Importance of Design and Layout? How do you create a brochure in Indesign? What is saddle stitching? What is a signature and why must it be divisible by 4? How do you add photos and clipart? Why is proportion so important? What is a bleed and why is it important? How is font selection important to layout and design? What are the various methods of art and copy generation? Why would you modify an existing document and file?	
Content: Design and Layout Traditional Text Composition	
NJCCCS: 9.4.12.C.1, .2, .4-.11, .13, .15, .18, .19, .21-23, .27, .28, .31, .32, .34, .36-43, .46, .49-52, .54-57, .59, .65, .69, .71, .73-.75 9.4.12.E.1, .2, .13-.15, .17, .18, .20, .22-27, .34, .35, .40, .41, .45, .46, .48, .49, .51-55, .57, .59, .63-65, .67, .70-72 9.4.12.K.1, .2, .4-.11, .13, .17, .18, .20, .24, .26, .27, .32, .33, .45, .47, .48, .50, .59, .64 NJCCCS: 8.1.12.A.2	
Skills: Demonstrate Indesign proficiency using the various tools. Recognize how to place images and graphics correctly. Design & Create a multi-page document Indesign and Photoshop. Communication with Clarity the Terminology throughout the design Process. Demonstrate how to create a multipage document in Indesign. Identify Master pages in Indesign. Identify different book binding techniques.	

How to create a full color brochure in Adobe Indesign. Identify the importance of a proportional image. Identify how to place photos correctly in Indesign. Identify good photographs vs. bad photographs.
Assessment: Use of rubric Class projects Class participation Written quizzes and tests Individual critique Individual compliance with internet and class rules
Activities: Read text, periodicals, and internet resources. Class discussions with participation by all students Follow Teacher directed LCD Projection Complete exercises from the Graphic Communications Text Book Complete related handout assignments
Technology: Use of Apple Computers, Mac OS, Adobe Creative Suite 4 Software including Photoshop, Illustrator, InDesign Operate student workstations. □ Demonstrate proficient use of software. Internet access. C6501 Printer, the Fiery and Command Workstation
Resources: Graphic Communications, The Printed Image Text and Workbook Related handouts LCD Projection Internet research Various websites and videos

Unit/Month Curriculum Map

Grade Level/Subject/Course: Graphic Communications	Grades 11,12
Month: DECEMBER Weeks 13,14,15,16	
Essential Questions: Why is paper not all the same? What characteristics are the same in all paper? Does all paper have grain? What is a substrate? What are the different types of paper available? What is text weight? Cover weight? What is scoring? What are cropmarks? What are the different envelope sizes?	
Content: Identify different paper stocks. Identify envelope sizes. Identify different bookbinding methods.	
NJCCCS: 9.4.12.C.1, .2, .4-.11, .13, .15, .18, .19, .21-.23, .27, .28, .31, .32, .34, .36-.43, .46, .49-.52, .54-.57, .59, .65, .69, .71, .73-.75 9.4.12.E.1, .2, .13-.15, .17, .18, .20, .22-.27, .34, .35, .40, .41, .45, .46, .48, .49, .51-.55, .57, .59, .63-.65, .67, .70-.72 9.4.12.K.1, .2, .4-.11, .13, .17, .18, .20, .24, .26, .27, .32, .33, .45, .47, .48, .50, .59, .64 NJCCCS: 8.1.12.A.2	

Skills: Demonstrate Photoshop proficiency using the various tools. Demonstrate proficiency of C6501 printer. Understand difference in substrates (paper) Demonstrate Booklet making skills Demonstrate knowledge of finishing and binding skills.
Assessment: Use of rubric Class projects Class participation Written quizzes and tests Individual critique Individual compliance with internet and class rules
Activities: Read text, periodicals, and internet resources. Class discussions with participation by all students Follow Teacher directed LCD Projection Complete exercises from the Graphic Communications Text Book Complete related handout assignments
Technology: Use of Apple Computers, Mac OS, Adobe Creative Suite 4 Software including Photoshop, Illustrator, InDesign Operate student workstations. □ Demonstrate proficient use of software. Internet access. C6501 Printer, the Fiery and Command Workstation
Resources: Graphic Communications, The Printed Image Text and Workbook Related handouts LCD Projection Internet research Various websites and videos

Unit/Month Curriculum Map

Grade Level/Subject/Course: Graphic Communications	Grades 11,12
Month: JANUARY Weeks 17,18,19,20	
Essential Questions: What is the importance of Color? What are the basic principals of color separation? What is the importance of a color management system in workflow? How so you use a scanner? What is the importance of file resolution? What is DPI? What knowledge and skills are required for the Mid Term Exam?	
Content: Color Science and Color Management Analog Film	
NJCCCS: 9.4.12.C.1, .2, .4-11, .13, .15, .18, .19, .21-23, .27, .28, .31, .32, .34, .36-43, .46, .49-52, .54-57, .59, .65, .69, .71, .73-75 9.4.12.E.1, .2, .13-15, .17, .18, .20, .22-27, .34, .35, .40, .41, .45, .46, .48, .49, .51-55, .57, .59, .63-65, .67, .70-72 9.4.12.K.1, .2, .4-11, .13, .17, .18, .20, .24, .26, .27, .32, .33, .45, .47, .48, .50, .59, .64 NJCCCS: 8.1.12.A.2	

Skills: Demonstrate Photoshop proficiency using the various tools. Demonstrate Design & Creative skills. Demonstrating safe methods and practice good habits in all areas around all equipment. Comparing and contrasting each binding method to include advantages and disadvantages of each technique on a written assessment. Scan photos on flatbed scanner.
Assessment: Use of rubric Class projects Class participation Written quizzes and tests Individual critique Individual compliance with internet and class rules Midterm Exam
Activities: Read text, periodicals, and internet resources. Class discussions with participation by all students Follow Teacher directed LCD Projection Complete exercises from the Graphic Communications Text Book Complete related handout assignments Review for Midterm Exam
Technology: Use of Apple Computers, Mac OS, Adobe Creative Suite 4 Software including Photoshop, Illustrator, InDesign Operate student workstations. □ Demonstrate proficient use of software. Internet access. C6501 Printer, the Fiery and Command Workstation
Resources: Graphic Communications, The Printed Image Text and Workbook Related handouts LCD Projection Internet research Various websites and videos

Unit/Month Curriculum Map

Grade Level/Subject/Course: Graphic Communications	Grades 11,12
Month: February Weeks 21,22,23,24	
Essential Questions: What is the importance of Imposition and Layout? How do you maximize you paper and save print time? What is the importance of Digital Printing in today's society?	
Content: Imposition and Layout Digital Printing Technology Advanced Photoshop skills	
NJCCCS: 9.4.12.C.1, .2, .4-.11, .13, .15, .18, .19, .21-.23, .27, .28, .31, .32, .34, .36-.43, .46, .49-.52, .54-.57, .59, .65, .69, .71, .73-.75 9.4.12.E.1, .2, .13-.15, .17, .18, .20, .22-.27, .34, .35, .40, .41, .45, .46, .48, .49, .51-.55, .57, .59, .63-.65, .67, .70-.72 9.4.12.K.1, .2, .4-.11, .13, .17, .18, .20, .24, .26, .27, .32, .33, .45, .47, .48, .50, .59, .64 NJCCCS: 8.1.12.A.2	

Skills: Explain the digital processes that have affected the graphic communications industry. Summarize the advantages and disadvantages of digital printing. Demonstrate Photoshop proficiency using the various tools. Demonstrate Design & Creative skills.
Assessment: Use of rubric Class projects Class participation Written quizzes and tests Individual critique Individual compliance with internet and class rules Midterm Exam
Activities: Read text, periodicals, and internet resources. Class discussions with participation by all students Follow Teacher directed LCD Projection Complete exercises from the Graphic Communications Text Book Complete related handout assignments Review for Midterm Exam
Technology: Use of Apple Computers, Mac OS, Adobe Creative Suite 4 Software including Photoshop, Illustrator, InDesign Operate student workstations. □ Demonstrate proficient use of software. Internet access. C6501 Printer, the Fiery and Command Workstation
Resources: Graphic Communications, The Printed Image Text and Workbook Related handouts LCD Projection Internet research Various websites and videos

Unit/Month Curriculum Map

Grade Level/Subject/Course: Graphic Communications	Grades 11,12
Month: March Weeks 25,26,27,28	
Essential Questions: What are Lithographic Plate Systems? What are Sheet Fed Offset Press Operations? What is Relief Printing and when do we use it? How do you plan for a large publication?	
Content: Lithography, Offset Printing and Relief Printing Processes Large Publication Design and Planning	
NJCCCS: 9.4.12.C.1, .2, .4-.11, .13, .15, .18, .19, .21-.23, .27, .28, .31, .32, .34, .36-.43, .46, .49-.52, .54-.57, .59, .65, .69, .71, .73-.75 9.4.12.E.1, .2, .13-.15, .17, .18, .20, .22-.27, .34, .35, .40, .41, .45, .46, .48, .49, .51-.55, .57, .59, .63-.65, .67, .70-.72 9.4.12.K.1, .2, .4-.11, .13, .17, .18, .20, .24, .26, .27, .32, .33, .45, .47, .48, .50, .59, .64 NJCCCS: 8.1.12.A.2	

Skills: Identify the methods and equipment used in different platemaking systems. Recall common problems with the plate systems Compare different types of printing processes. Create your own large publication
Assessment: Use of rubric Class projects Class participation Written quizzes and tests Individual critique Individual compliance with internet and class rules
Activities: Create a class yearbook. Read text, periodicals, and internet resources. Class discussions with participation by all students Follow Teacher directed LCD Projection Complete exercises from the Graphic Communications Text Book Complete related handout assignments Review for Midterm Exam
Technology: Use of Apple Computers, Mac OS, Adobe Creative Suite 4 Software including Photoshop, Illustrator, InDesign Operate student workstations. □ Demonstrate proficient use of software. Internet access. C6501 Printer, the Fiery and Command Workstation
Resources: Graphic Communications, The Printed Image Text and Workbook Related handouts LCD Projection Internet research Various websites and videos

Unit/Month Curriculum Map

Grade Level/Subject/Course: Graphic Communications	Grades 11,12
Month: April Weeks 29,30,31,32	
Essential Questions: What is floxography printing? What is gravure printing? What is Silk Screen Printing? What is Photo Silk-screening? What does it mean to expose film? How do you develop a silkscreen print? What are Silk Screen preparations and printing techniques? What are themes for Silkscreen Imagery? What are proper Silk Screen clean-up procedures? What is textile paint?	

Content: Flexography, Gravure and Screen Printing
NJCCCS: 9.4.12.C.1, .2, .4-.11, .13, .15, .18, .19, .21-.23, .27, .28, .31, .32, .34, .36-.43, .46, .49-.52, .54-.57, .59, .65, .69, .71, .73-.75 9.4.12.E.1, .2, .13-.15, .17, .18, .20, .22-.27, .34, .35, .40, .41, .45, .46, .48, .49, .51-.55, .57, .59, .63-.65, .67, .70-.72 9.4.12.K.1, .2, .4-.11, .13, .17, .18, .20, .24, .26, .27, .32, .33, .45, .47, .48, .50, .59, .64 NJCCCS: 8.1.12.A.2
Skills: Recognize the Silk Screen process, preparation, and clean up. Develop advanced Silk Screening Techniques Identify appropriate themes for Silk Screen Imagery. Identify Silk Screen preparation and clean-up procedures. Identify proper Silk Screen Technique. Apply and implement proper terminology for the Silk Screen Process.
Assessment: Use of rubric Class projects Class participation Written quizzes and tests Individual critique Individual compliance with internet and class rules
Activities: Read text, periodicals, and internet resources. Class discussions with participation by all students Follow Teacher directed LCD Projection Complete exercises from the Graphic Communications Text Book Complete related handout assignments
Technology: Use of Apple Computers, Mac OS, Adobe Creative Suite 4 Software including Photoshop, Illustrator, InDesign Operate student workstations. □ Demonstrate proficient use of software. Internet access. C6501 Printer, the Fiery and Command Workstation
Resources: Graphic Communications, The Printed Image Text and Workbook Related handouts LCD Projection Internet research Various websites and videos

Unit/Month Curriculum Map

Grade Level/Subject/Course: Graphic Communications	Grades 11,12
Month: May Weeks 33, 34, 35, 36	
Essential Questions: What are substrates? What is the importance of ink in printing? Why is paper not all the same? What characteristics are the same in all paper? Does all paper have grain? What is a substrate? What are the different types of paper available?	

What is text weight? Cover weight? What is scoring? What are cropmarks? What are the different envelope sizes? What things are “finished”? Why would finishing and binding not always be housed together?
Content: Ink, Substrates and Binding and finishing Paper manufacturing Characteristics of various types of paper.
NJCCCS: 9.4.12.C.1, .2, .4-.11, .13, .15, .18, .19, .21-23, .27, .28, .31, .32, .34, .36-43, .46, .49-52, .54-57, .59, .65, .69, .71, .73-.75 9.4.12.E.1, .2, .13-.15, .17, .18, .20, .22-27, .34, .35, .40, .41, .45, .46, .48, .49, .51-55, .57, .59, .63-65, .67, .70-72 9.4.12.K.1, .2, .4-.11, .13, .17, .18, .20, .24, .26, .27, .32, .33, .45, .47, .48, .50, .59, .64 NJCCCS: 8.1.12.A.2
Skills: Define finishing and binding. Identify binding techniques and their applications. Identify other finishing techniques and their applications. Review first semester terminology. Explain general safety in the finishing and bindery departments. Demonstrate Advanced Adobe Illustrator proficiency using the various tools. Demonstrate Advanced Adobe Photoshop proficiency using the various tools. Demonstrate advanced design skills.
Assessment: Use of rubric Class projects Class participation Written quizzes and tests Individual critique Individual compliance with internet and class rules
Activities: Read text, periodicals, and internet resources. Class discussions with participation by all students Follow Teacher directed LCD Projection Complete exercises from the Graphic Communications Text Book Complete related handout assignments
Technology: Use of Apple Computers, Mac OS, Adobe Creative Suite 4 Software including Photoshop, Illustrator, InDesign Operate student workstations. □ Demonstrate proficient use of software. Internet access. C6501 Printer, the Fiery and Command Workstation
Resources: Graphic Communications, The Printed Image Text and Workbook Related handouts LCD Projection Internet research Various websites and videos

Unit/Month Curriculum Map

Grade Level/Subject/Course: Graphic Communications	Grades 11,12
Month: June Weeks 37, 38, 39, 40	
Essential Questions: What are the basic fundamentals of business, such as cost, estimates and productivity? How do copyright laws apply to printing companies? What are the careers in the Graphic Communications Industry? What tools can you use to find a job? What is the importance of good work habits? What are the advantages and disadvantages to owning your own business? What knowledge and skills are required for the Final Exam? What advanced skills will you need to complete your Practical exam?	
Content: Identify careers in the Graphic Communications Industry Identify the unique properties of Adobe InDesign, Photoshop and Illustrator. Analyze stylistic function of Adobe InDesign, Photoshop and Illustrator. Incorporation of the proper terminology throughout the review of Adobe InDesign, Photoshop and Illustrator. Review for Final Exam.	
NJCCCS: 9.4.12.C.1, .2, .4-.11, .13, .15, .18, .19, .21-.23, .27, .28, .31, .32, .34, .36-.43, .46, .49-.52, .54-.57, .59, .65, .69, .71, .73-.75 9.4.12.E.1, .2, .13-.15, .17, .18, .20, .22-.27, .34, .35, .40, .41, .45, .46, .48, .49, .51-.55, .57, .59, .63-.65, .67, .70-.72 9.4.12.K.1, .2, .4-.11, .13, .17, .18, .20, .24, .26, .27, .32, .33, .45, .47, .48, .50, .59, .64 NJCCCS: 8.1.12.A.2	
Skills: Differentiate among skilled technical, creative, management and support positions. Summarize the advantages and disadvantages to owning your own business. Demonstrate proficiency using the various tools in Adobe InDesign, Photoshop and Illustrator. Communication with Clarity the Proper Terminology throughout the InDesign, Photoshop and Illustrator Review.	
Assessment: Use of rubric Class projects Class participation Written quizzes and tests Individual critique Individual compliance with internet and class rules Final Exam	
Activities: Read text, periodicals, and internet resources. Class discussions with participation by all students Follow Teacher directed LCD Projection Complete exercises from the Graphic Communications Text Book Complete related handout assignments Review for Final Exam	
Technology: Use of Apple Computers, Mac OS, Adobe Creative Suite 4 Software including Photoshop, Illustrator, InDesign Operate student workstations. □ Demonstrate proficient use of software. Internet access. C6501 Printer, the Fiery and Command Workstation	

Resources:

Printed Samples

Graphic Communications, The Printed Image Text and Workbook

Related handouts

LCD Projection

Internet research

Various websites and videos

Monthly CS Map

In each box list the standards you cover and the assessments you use during the month.

SUBJECT: Graphic Communications

GRADES: 11, 12

Content Standards Covered (Include NJCCCS)	September	October	November	December	January
	Career and Technical Education Arts, AV Technology Printing Technologies 9.4.12.C.(3).1 Demonstrate knowledge of the printing process, including customer service and sales, scheduling, and quality control, to deliver products that meet customer needs and expectations. 9.4.12.C.(3).2 Analyze and summarize output processes, including digital, film, directive plate-making, and cylinders, to build an understanding of delivery of printed products. 9.4.12.C.(3).3 Examine the finishing and distribution related to build an understanding of how to complete the printing process. 9.4.12.C.(3).4 Employ knowledge of basic printing processes to demonstrate readiness for careers in the pathway. 9.4.12.C.(3).5 Employ processes	Career and Technical Education Arts, AV Technology Printing Technologies 9.4.12.C.(3).1 Demonstrate knowledge of the printing process, including customer service and sales, scheduling, and quality control, to deliver products that meet customer needs and expectations. 9.4.12.C.(3).2 Analyze and summarize output processes, including digital, film, directive plate-making, and cylinders, to build an understanding of delivery of printed products. 9.4.12.C.(3).3 Examine the finishing and distribution related to build an understanding of how to complete the printing process. 9.4.12.C.(3).4 Employ knowledge of basic printing processes to demonstrate readiness for careers in the pathway.	Career and Technical Education Arts, AV Technology Printing Technologies 9.4.12.C.(3).1 Demonstrate knowledge of the printing process, including customer service and sales, scheduling, and quality control, to deliver products that meet customer needs and expectations. 9.4.12.C.(3).2 Analyze and summarize output processes, including digital, film, directive plate-making, and cylinders, to build an understanding of delivery of printed products. 9.4.12.C.(3).3 Examine the finishing and distribution related to build an understanding of how to complete the printing process. 9.4.12.C.(3).4 Employ knowledge of basic printing processes to demonstrate readiness for careers in the pathway.	Career and Technical Education Arts, AV Technology Printing Technologies 9.4.12.C.(3).1 Demonstrate knowledge of the printing process, including customer service and sales, scheduling, and quality control, to deliver products that meet customer needs and expectations. 9.4.12.C.(3).2 Analyze and summarize output processes, including digital, film, directive plate-making, and cylinders, to build an understanding of delivery of printed products. 9.4.12.C.(3).3 Examine the finishing and distribution related to build an understanding of how to complete the printing process. 9.4.12.C.(3).4 Employ knowledge of basic printing processes to demonstrate readiness for careers in the pathway.	Career and Technical Education Arts, AV Technology Printing Technologies 9.4.12.C.(3).1 Demonstrate knowledge of the printing process, including customer service and sales, scheduling, and quality control, to deliver products that meet customer needs and expectations. 9.4.12.C.(3).2 Analyze and summarize output processes, including digital, film, directive plate-making, and cylinders, to build an understanding of delivery of printed products. 9.4.12.C.(3).3 Examine the finishing and distribution related to build an understanding of how to complete the printing process. 9.4.12.C.(3).4 Employ knowledge of basic printing processes to demonstrate readiness for careers in the pathway.

	required for the production of various printed products to build an understanding of print technologies. 9.4.12.C.(3).6 Demonstrate preparation of customer materials for imaging to deliver products that meet customer needs and expectations. 9.4.12.C.(3).7 Analyze image retrieval through refinement, page assembly processes, and trapping to build an understanding of how to prepare products for printing. 8.1.12.A.2 Produce and edit a multi-page document for a commercial or professional audience using desktop publishing and/or graphics software.	9.4.12.C.(3).5 Employ processes required for the production of various printed products to build an understanding of print technologies. 9.4.12.C.(3).6 Demonstrate preparation of customer materials for imaging to deliver products that meet customer needs and expectations. 9.4.12.C.(3).7 Analyze image retrieval through refinement, page assembly processes, and trapping to build an understanding of how to prepare products for printing. 8.1.12.A.2 Produce and edit a multi-page document for a commercial or professional audience using desktop publishing and/or graphics software.	9.4.12.C.(3).5 Employ processes required for the production of various printed products to build an understanding of print technologies. 9.4.12.C.(3).6 Demonstrate preparation of customer materials for imaging to deliver products that meet customer needs and expectations. 9.4.12.C.(3).7 Analyze image retrieval through refinement, page assembly processes, and trapping to build an understanding of how to prepare products for printing. 8.1.12.A.2 Produce and edit a multi-page document for a commercial or professional audience using desktop publishing and/or graphics software.	9.4.12.C.(3).5 Employ processes required for the production of various printed products to build an understanding of print technologies. 9.4.12.C.(3).6 Demonstrate preparation of customer materials for imaging to deliver products that meet customer needs and expectations. 9.4.12.C.(3).7 Analyze image retrieval through refinement, page assembly processes, and trapping to build an understanding of how to prepare products for printing. 8.1.12.A.2 Produce and edit a multi-page document for a commercial or professional audience using desktop publishing and/or graphics software.	9.4.12.C.(3).5 Employ processes required for the production of various printed products to build an understanding of print technologies. 9.4.12.C.(3).6 Demonstrate preparation of customer materials for imaging to deliver products that meet customer needs and expectations. 9.4.12.C.(3).7 Analyze image retrieval through refinement, page assembly processes, and trapping to build an understanding of how to prepare products for printing. 8.1.12.A.2 Produce and edit a multi-page document for a commercial or professional audience using desktop publishing and/or graphics software.
Skills/ Benchmarks	Demonstrate proficiency of Printing Technology; Software, History and Terminology. Show Awareness of Safety and Emergency Procedures. Recognize the use of the network drives; H: Drive/S: Drive & the local C: Drive Determine When and How to Restart the Computer. Demonstrate Proficiency	Demonstrate Indesign proficiency using the various tools. Recognize how to place images and graphics correctly. Design & Create a multi-page document Indesign and Photoshop. Communication with Clarity the Terminology throughout the design Process. Demonstrate how to create a multipage	Demonstrate Photoshop proficiency using the various tools. Demonstrate proficiency of C6501 printer. Understand difference in substrates (paper) Demonstrate Booklet making skills Demonstrate knowledge of finishing and binding skills.	Demonstrate Photoshop proficiency using the various tools. Demonstrate Design & Creative skills. Demonstrating safe methods and practice good habits in all areas around all equipment. Comparing and contrasting each binding method to include advantages and disadvantages of each technique on a written	

	with the MAC Operating Menus & Functions. Use Adobe Indesign for newsletter design. Demonstrate how to use the C6501 Printer, the Fiery and Command Workstation	Creation of Newsletter Incorporation of Proper Terminology throughout the Design Process.	Identify Master pages in Indesign. Identify different book binding techniques. How to create a full color brochure in Adobe Indesign. Identify the importance of a proportional image. Identify how to place photos correctly in Indesign. Identify good photographs vs. bad photographs.		assessment. Scan photos on flatbed scanner.
Formative Assessments Used (describe them)	Class projects, class participation Individual critique with assignments (exercises) Design and Layout a Newsletter	Class projects, class participation Individual critique with assignments (exercises)	Class projects, class participation Individual critique with assignments (exercises)	Class projects, class participation Individual critique with assignments (exercises) Design and Layout a Travel Brochure	Class projects, class participation Individual critique with assignments (exercises)
Summative Assessments Used (describe them)	Graphic Communications Text Book Chapter 1 - Overview of Graphic Comm Chapter 2 - Safety and Health Written quizzes and test Course Content - Quiz Vocabulary-terminology quiz	Graphic Communications Text Book Chapter 3 - Measurement Chapter 4 - Typography Written quizzes and test Vocabulary-terminology quiz	Chapter 5 - Design and Layout Chapter 6 - Traditional Text Composition Written quizzes and test Vocabulary-terminology quiz	Chapter 7 - Digital Prepress Chapter 8 - Digital Image Capture Written quizzes and test Vocabulary-terminology quiz	Chapter 9 & 10- Color Science and Color Management Chapter 11 - Analog Film Written quizzes and test Vocabulary-terminology quiz Midterm Exam
Activities:	Adobe Creative Suite Design Projects Read text, periodicals, and internet resources. Class discussions with participation by all students Follow Teacher directed LCD Projection Complete exercises from the Graphic Communications Text Book Complete related handout assignments	Read text, periodicals, and internet resources. Class discussions with participation by all students Follow Teacher directed LCD Projection Complete exercises from the Graphic Communications Text Book Complete related handout assignments	Read text, periodicals, and internet resources. Class discussions with participation by all students Follow Teacher directed LCD Projection Complete exercises from the Graphic Communications Text Book Complete related handout assignments	Read text, periodicals, and internet resources. Class discussions with participation by all students Follow Teacher directed LCD Projection Complete exercises from the Graphic Communications Text Book Complete related handout assignments	Read text, periodicals, and internet resources. Class discussions with participation by all students Follow Teacher directed LCD Projection Complete exercises from the Graphic Communications Text Book Complete related handout assignments

Monthly NJCCS Map*

In each box list the standards you cover and the assessments you use during the month.

SUBJECT: Graphic Communications

GRADES: 11, 12

Content Standards Covered (Include NJCCCS)	February	March	April	May	June
	Career and Technical Education Arts, AV Technology Printing Technologies 9.4.12.C.(3).1 Demonstrate knowledge of the printing process, including customer service and sales, scheduling, and quality control, to deliver products that meet customer needs and expectations. 9.4.12.C.(3).2 Analyze and summarize output processes, including digital, film, directive plate-making, and cylinders, to build an understanding of delivery of printed products. 9.4.12.C.(3).3 Examine the finishing and distribution operations related to printing to build an understanding of how to complete the printing process. 9.4.12.C.(3).4 Employ knowledge of basic printing processes to demonstrate readiness for careers in the pathway.	Career and Technical Education Arts, AV Technology Printing Technologies 9.4.12.C.(3).1 Demonstrate knowledge of the printing process, including customer service and sales, scheduling, and quality control, to deliver products that meet customer needs and expectations. 9.4.12.C.(3).2 Analyze and summarize output processes, including digital, film, directive plate-making, and cylinders, to build an understanding of delivery of printed products. 9.4.12.C.(3).3 Examine the finishing and distribution operations related to printing to build an understanding of how to complete the printing process. 9.4.12.C.(3).4 Employ knowledge of basic printing processes to demonstrate readiness for careers in the pathway.	Career and Technical Education Arts, AV Technology Printing Technologies 9.4.12.C.(3).1 Demonstrate knowledge of the printing process, including customer service and sales, scheduling, and quality control, to deliver products that meet customer needs and expectations. 9.4.12.C.(3).2 Analyze and summarize output processes, including digital, film, directive plate-making, and cylinders, to build an understanding of delivery of printed products. 9.4.12.C.(3).3 Examine the finishing and distribution operations related to printing to build an understanding of how to complete the printing process. 9.4.12.C.(3).4 Employ knowledge of basic printing processes to demonstrate readiness for careers in the pathway.	Career and Technical Education Arts, AV Technology Printing Technologies 9.4.12.C.(3).1 Demonstrate knowledge of the printing process, including customer service and sales, scheduling, and quality control, to deliver products that meet customer needs and expectations. 9.4.12.C.(3).2 Analyze and summarize output processes, including digital, film, directive plate-making, and cylinders, to build an understanding of delivery of printed products. 9.4.12.C.(3).3 Examine the finishing and distribution operations related to printing to build an understanding of how to complete the printing process. 9.4.12.C.(3).4 Employ knowledge of basic printing processes to demonstrate readiness for careers in the pathway.	Career and Technical Education Arts, AV Technology Printing Technologies 9.4.12.C.(3).1 Demonstrate knowledge of the printing process, including customer service and sales, scheduling, and quality control, to deliver products that meet customer needs and expectations. 9.4.12.C.(3).2 Analyze and summarize output processes, including digital, film, directive plate-making, and cylinders, to build an understanding of delivery of printed products. 9.4.12.C.(3).3 Examine the finishing and distribution operations related to printing to build an understanding of how to complete the printing process. 9.4.12.C.(3).4 Employ knowledge of basic printing processes to demonstrate readiness for careers in the pathway.

	Photoshop proficiency using the various tools. Demonstrate Design & Creative skills.		preparation and clean-up procedures. Identify proper Silk Screen Technique. Apply and implement proper terminology for the Silk Screen Process.	Explain general safety in the finishing and bindery departments. Demonstrate Advanced Adobe Illustrator proficiency using the various tools. Demonstrate Advanced Adobe Photoshop proficiency using the various tools. Demonstrate advanced design skills.	Adobe InDesign Photoshop and Illustrator. Communication with Clarity the Proper Terminology throughout the InDesign, Photoshop and Illustrator Review.
Formative Assessments Used (describe them)	Class projects, class participation□Individual critique with assignments (exercises)	Class projects, class participation□Individual critique with assignments (exercises)	Class projects, class participation□Individual critique with assignments (exercises)	Class projects, class participation□Individual critique with assignments (exercises)	Class projects, class participation□Individual critique with assignments (exercises)
Summative Assessments Used (describe them)	Graphic Communications Text Book Chapter 12 – Imposition and Layout Chapter 13 – Digital Printing Technology Written quizzes and test Vocabulary-terminology quiz	Graphic Communications Text Book Chapter 15 – Lithographic Plate Systems Chapter 16 – Sheet Fed Offset Press Operations Chapter 17 – Relief Printing Written quizzes and test Vocabulary-terminology quiz	Graphic Communications Text Book Chapter 18 – Flexography Chapter 19– Gravure Chapter 20 – Screen Printing Written quizzes and test Vocabulary-terminology quiz	Graphic Communications Text Book Chapter 21 – Substrates Chapter 22 – Ink Chapter 23 – Finishing and Binding Written quizzes and test Vocabulary-terminology quiz	Graphic Communications Text Book Chapter 24 – The Business of Printing Chapter 25 – Graphic Communications Careers Written quizzes and test Vocabulary-terminology quiz
Activities:	Read text, periodicals, and internet resources. Class discussions with participation by all students Follow Teacher directed LCD Projection Complete exercises from the Graphic Communications Text Book Complete related handout assignments	Read text, periodicals, and internet resources. Class discussions with participation by all students Follow Teacher directed LCD Projection Complete exercises from the Graphic Communications Text Book Complete related handout assignments	Read text, periodicals, and internet resources. Class discussions with participation by all students Follow Teacher directed LCD Projection Complete exercises from the Graphic Communications Text Book Complete related handout assignments	Read text, periodicals, and internet resources. Class discussions with participation by all students Follow Teacher directed LCD Projection Complete exercises from the Graphic Communications Text Book Complete related handout assignments	Read text, periodicals, and internet resources. Class discussions with participation by all students Follow Teacher directed LCD Projection Complete exercises from the Graphic Communications Text Book Complete related handout assignments Review for Final Exam