Pre-Press Operator



Youth Apprenticeship

PRE-PRESS OPERATOR

Pre-Press Operator youth apprentices gain a foundation of pre-press skills including software, equipment, color, and pre-press processes.

Length of Apprenticeship: One year

REQUIRED COMPETENCIES

Youth apprentices must become proficient in both general employability and occupation-specific competencies. All of these, and examples of how each can be demonstrated, are found in the following pages. Below are 8 occupational competencies that must be learned for this occupation. Employers may substitute one of these and should write in the competency they are adding. Youth apprentices must be evaluated on these competencies at least two times each year of their apprenticeship.

Competencies

- 1. Analyze pre-press requirements
- 2. Use graphics and pre-press software
- 3. Maintain digital files
- 4. Perform pre-flight print on job files
- 5. Generate Proofs
- 6. Trap project files
- 7. Send completed files to plate processor
- 8. Maintain pre-press equipment

REGISTERED APPRENTICESHIP BRIDGING OPPORTUNITIES

Some of the related instruction courses can bridge into the following registered apprenticeship:

RA IT Software Developer

POST-SECONDARY PATHWAY OPPORTUNITIES

There are several post-secondary pathway opportunities in this area. Following is partial list.

- Printing Technical Diploma
- Graphic Web Design Associate Degree
- Design & Graphic Technology Associate Degree



Pre-Press Operator

Youth Apprenticeship

ON-THE-JOB LEARNING PERFORMANCE STANDARDS GUIDE

YOUTH APPRENTICE INFORMATION

100111 ALT REITHEE HIT ORMATION	•
Youth Apprentice Name	
YA Coordinator	
YA Consortium	
School District	
SIGNATURES	
The On-the-Job Learning Performance Standard	ds Guide includes a list of competencies youth
apprentices learn through mentoring and train	·
should be reviewed with the employer/mentor the youth apprentice to record progress and pl competencies. Mentors, school-based/YA coor	ors and School-Based or YA coordinators: This document r, school-based or YA coordinator on a regular basis with lan future steps to ensure completion of the required dinator, and the apprentice sign below. Dioyer/Mentor 2 nd Evaluation (Required)
Employer/Mentor Signature	Employer/Mentor Signature
,,,,,	
Employer/Mentor	Employer/Mentor
Business/Company	Business/Company
Date Signed	Date Signed
3 rd Evaluation (Optional)	4th Evaluation (Optional)
Employer/Mentor Signature	Employer/Mentor Signature
Employer/Mentor	Employer/Mentor
Business/Company	Business/Company
Date Signed	Date Signed

School-Based and/or YA Coordinator

1st Evaluation (Required)

2nd Evaluation (Required)

School-Based and/or YA Coordinator Signature	School-Based and/or YA Coordinator Signature
School-Based and/or YA Coordinator	School-Based and/or YA Coordinator
School District or Organization	School District or Organization
Date Signed	Date Signed

3rd Evaluation (Optional)

4th Evaluation (Optional)

School-Based and/or YA Coordinator Signature	School-Based and/or YA Coordinator Signature
School-Based and/or YA Coordinator	School-Based and/or YA Coordinator
School District or Organization	School District or Organization
Date Signed	Date Signed

Youth Apprentice

1st Evaluation (Required)

2nd Evaluation (Required)

Youth Apprentice Signature	Youth Apprentice Signature
Youth Apprentice	Youth Apprentice
School District / High School	School District / High School
Date Signed	Date Signed

3rd Evaluation (Optional)

4th Evaluation (Optional)

Youth Apprentice Signature	Youth Apprentice Signature
Youth Apprentice	Youth Apprentice
School District / High School	School District / High School
Date Signed	Date Signed

EMPLOYABILITY SKILLS (TO BE COMPLETED BY YA EMPLOYER/MENTOR)

All youth apprentices must demonstrate the key employability skills listed below in order to complete the YA program. They do so by earning at least a "Meets Expectation" rating in each. **At least two evaluations are required each year of a youth apprenticeship**. More columns are included below for those who choose to conduct more frequent reviews.

	-
1	Working to Meet Expectations: Needs improvement; requires much assistance and supervision;
	rarely displays this behavior
2	Meets Expectations: Meets entry-level criteria; requires some supervision; often displays this
	behavior
3	Exceeds Expectations: Exceeds entry-level criteria; requires minimal supervision; consistently
	displays this behavior

	Employability Skills	Rating			
	Competency and Rating Criteria	Initial	Mid Year 1	Mid Year 2	Final
1.	 Develops positive work relationships with others. Examples of qualities and habits that the employee might exhibit include: Interacts with others with respect and in a non-judgmental manner Responds to others in an appropriate and non-offensive manner Helps co-workers and peers accomplish tasks or goals Applies problem-solving strategies to improve relations with others When managing others, shows traits such as compassion, listening, coaching, team development, and appreciation 	☐ 1 ☐ 2 ☐ 3	□ 1 □ 2 □ 3	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3
2.	 Communicates effectively with others Examples of qualities and habits that the employee might exhibit include Adjusts the communication approach for the target audience, purpose, and situation to maximize impact Organizes messages/information in a logical and helpful manner Speaks clearly and writes legibly Models behaviors to show active listening Applies what was read to actual practice Asks appropriate questions for clarity 	☐ 1 ☐ 2 ☐ 3	□1 □2 □3	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3
3.	 Collaborates with others Examples of qualities and habits that the employee might exhibit include Works effectively in teams with people of diverse backgrounds regardless of sex, race, ethnicity, nationality, sexuality, religion, political views, and abilities Shares responsibility for collaborative work and decision making Uses the problem-solving process to work through differences of opinion in a constructive manner to achieve a reasonable compromise Avoids contributing to an unproductive group conflict Shares information and carries out responsibilities in a timely manner 	□ 1 □ 2 □ 3	□1 □2 □3	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3

Employability Skills Rating				
Competency and Bating Critoria	Initial	Mid	Mid	Final
Competency and Rating Criteria	initiai	Year 1	Year 2	Final
4. Maintains composure under pressure	□ 1	□ 1	□ 1	□ 1
Examples of qualities and habits that the employee might exhibit include	□ 2	□ 2	□ 2	□2
Uses critical thinking to determine the best options or outcomes when faced		_ ☐ 3	_ 	_ 3
with a challenging situation				
Carries out assigned duties while under pressure Attains a paraetral prefereigned, and paraetral pressure property in the prefereigned and paraetral p				
 Acts in a respectful, professional, and non-offensive manner while under pressure 				
Applies stress management techniques to cope under pressure				
Applies stress management teeningues to cope under pressure				
5. Demonstrates integrity	│	□ 1	□ 1	□1
Examples of qualities and habits that the employee might exhibit include	$\perp =$		=	□ 2
Carries out responsibilities in an ethical, legal and confidential manner	<u> </u> 2		<u> </u> 2	
Responds to situations in a timely manner				∐ 3
Takes personal responsibility to correct problems				
Models behaviors that demonstrate self-discipline, reliability, and				
dependability				
	 			
6. Performs quality work	□ 1	□ 1	□ 1	□ 1
Examples of qualities and habits that the employee might exhibit include	□ 2	□ 2	□ 2	□ 2
Carries out written and verbal directions accurately	□ 3	□ 3	□3	Пз
Completes work efficiently and effectively				
Performs calculations accurately				
 Conserves resources, supplies, and materials to minimize costs and environmental impact 				
Uses equipment, technology, and work strategies to improve workflow				
Applies problem-solving strategies to improve productivity				
Adheres to worksite regulations and practices				
Maintains an organized work area				
7. Provides quality goods or services (internal and external)				
Examples of qualities and habits that the employee might exhibit include	<u> </u> 1		<u> </u> 1	
Shows support for the organizational goals and principles by own personal	□ 2	<u></u>	<u></u>	□ 2
actions	□ 3	☐ 3	□ 3	☐ 3
Displays a respectful and professional image to customers				
Displays an enthusiastic attitude and desire to take care of customer needs				
Seeks out ways to increase customer satisfaction				
Produces goods to workplace specifications				
	1			
8. Shows initiative and self-direction	□ 1	□ 1	□ 1	□ 1
Examples of qualities and habits that the employee might exhibit include	□ 2	□ 2	□ 2	□ 2
Prioritizes and carries out responsibilities without being told Responds with anthusiasm and flowibility to handle tasks that need immediate.	□ 3	□ 3	□ 3	□3
 Responds with enthusiasm and flexibility to handle tasks that need immediate attention 			_	
Reflects on any unsatisfactory outcome as an opportunity to learn	1			
Improves personal performance by doing something different or differently				
Analyzes how own actions impact the overall organization	1			
Supports own action with sound reasoning and principles	1			
Balances personal activities to minimize interference with work responsibilities				
VA OIL DRE DRESS OREDATOR CHIDE				

Employability Skills		Rati	ing	
Competency and Rating Criteria	Initial	Mid	Mid	Final
 9. Adapts to change Examples of qualities and habits that the employee might exhibit include Shows flexibility and willingness to learn new skills for various job roles Uses problem-solving and critical-thinking skills to cope with changing circumstances Modifies own work behavior based on feedback, unsatisfactory outcomes, efficiency, and effectiveness Displays a "can do" attitude 	☐ 1 ☐ 2 ☐ 3	Year 1 1 2 3	Year 2	☐ 1 ☐ 2 ☐ 3
 10. Demonstrates safety and security regulations and practices Examples of qualities and habits that the employee might exhibit include Follows personal safety requirements Maintains a safe work environment Demonstrates professional role in an emergency Follows security procedures Maintains confidentiality 	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3	□ 1 □ 2 □ 3	□ 1 □ 2 □ 3
 11. Applies job-related technology, information, and media Examples of qualities and habits that the employee might exhibit include Applies technology effectively in the workplace Assesses and evaluates information on the job Assesses training manuals, website, and other media related to the job 	☐ 1 ☐ 2 ☐ 3			
 12. Fulfills training or certification requirements for employment Examples of this requirement may include Participation in required career-related training and/or educational programs Passing certification tests to qualify for licensure and/or certification Participation in company training or orientation 	☐ 1 ☐ 2 ☐ 3			
 13. Sets personal goals for improvement Examples of this requirement may include • Setting goals that are specific and measurable • Setting work-related goals that align with the organization's mission • Identifying strategies to reach goals • Reflecting on goal progress to regularly evaluate and modify goals 	□ 1 □ 2 □ 3	□ 1 □ 2 □ 3	□1 □2 □3	

OCCUPATIONAL COMPETENCIES (TO BE COMPLETED BY YA EMPLOYER/MENTOR)

Youth apprentices must earn a rating of at least "MEETS EXPECTATIONS" in each competency by the conclusion of the apprenticeship. A total of 8 competencies, 7 must be from the list below. If necessary, employers can substitute one competency with another occupationally appropriate skill. That skill should be added to the competency list for assessment. At least two evaluations are required each year of a youth apprenticeship. More columns are included below for those who choose to conduct more frequent reviews.

1	Working to Meet Expectations: Needs improvement; requires much assistance and supervision;
	rarely displays this behavior
2	Meets Expectations: Meets entry-level criteria; requires some supervision; often displays this
	behavior
3	Exceeds Expectations: Exceeds entry-level criteria; requires minimal supervision; consistently
	displays this behavior

Occupational Competencies		Rat	ing	
Competency and Rating Criteria		Evaluation Minimum Rating of 2 EACH Check Rating		
	Initial	Mid Year 1	Mid Year 2	Final
 Analyze pre-press requirements review project specifications and supplied files review job components identify the required job Fonts identify the required job Graphics identify the required job Image identify the required job Size identify the required job Printing requirements select the design the elements to be incorporated into the final print job product determine the project substrate 	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3	□1 □2 □3	☐ 1 ☐ 2 ☐ 3
 Use graphics and pre-press software access software manipulate computer commands, codes, menus to perform job tasks retrieve, copy, edit, save, and print files use appropriate save and export techniques 	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3	□ 1 □ 2 □ 3	□1 □2 □3

Occupational Competencies		Rat	ing	
	Mini	Evalua		ACII
Competency and Rating Criteria	IVIIIII	mum Ratı Check I		АСП
. , ,	Initial	Mid	Mid	Final
2 Maintain digital files		Year 1	Year 2	
 Maintain digital files screen supplied files for viruses, font usage, image format, etc. create working files code documents manage incoming and outgoing media/materials file forms/records in appropriate location retrieve and replaces files in correct position use appropriate computer codes, formatting, macros, charts, spreadsheets, etc. verify data prior to entry/storage 	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3	☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3
complete job tracking documentation				
 4. Perform pre-flight print on job files review project requirements verify compatibility of required job components verify job aligns with estimate perform pre-flight to diagnose potential print problems review for discrepancies in text, fonts, graphics, and images check for correct fonts, image formats, locations of graphics identify proper resolution for images measure original images for reduction and enlargement determine the percentage for final reproduction verify correct color formats, profiles, and separations for output confirm page layout size, margins, bleeds, marks, page information meet constraints ensure correct parts of all files properly located, identified, and linked for final output resolve discrepancies with design team complete job tracking documentation 	☐ 1 ☐ 2 ☐ 3	□ 1 □ 2 □ 3	□ 1 □ 2 □ 3	□ 1 □ 2 □ 3
 Generate proofs create proof(s) simulate final product assess proof for adherence to customer specifications assess proof for all printing compatibility requirements assist worksite professional to submit proof to customer for final approval complete job tracking documentation return materials to client when required 	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3	☐ 1 ☐ 2 ☐ 3	□1 □2 □3

Occupational Competencies		Rati	ing		
Competency and Rating Criteria		Evaluation			
		Minimum Rating of 2 EACH			
		Check Rating			
		Mid	Mid	Mid	
	Initial	Year 1	Year 2	Final	
6. Trap project files	□ 1	□ 1	□ 1	1	
review project requirements	 2	 2	 2	 2	
 eview trapping requirements with printer prior to output 	☐ 3	☐ 3	☐ 3	☐3	
 determine appropriate elements for trapping 	<u> </u> 3			🗆 5	
determine trap settings					
trap digital files using software					
verify completed trapped files					
Tomy completed mapped med					
7. Send completed files to plate processor	□1	□1	□1	□ 1	
verify all reviews and approvals have occurred		☐ 2		☐ 2	
send the print project complete files to plate processor					
adjust variables on image setters, proofers, laser printers and plate					
setters					
complete job tracking documentation					
8. Maintain pre-press equipment	□ 1	□ 1	□ 1	□1	
wear proper Personal Protective Equipment (PPE)	_ 2	_ 2	_ 2	_ 2	
adhere to all safety procedures	□ - □ 3	□ - □ 3	□ - □ 3		
 follow manufacturer guidelines for cleaning, maintenance, service, and repair 					
 follow equipment troubleshooting procedures 					
identify routine maintenance schedule					
 locate repair service information, maintenance manuals, and/or troubleshooting guides 					
verify maintenance procedure					
 perform/call service for routine maintenance or malfunction in 					
accordance with equipment manual/maintenance instructions and					
service agreements					
 document maintenance, repair, or troubleshooting performed 					
 calibrate equipment for color accuracy (proof processors, monitors, 					
etc.)					
Competency Substitute (if you replaced a competency above, note the	□ 1	□ 1	□ 1	□ 1	
competency and rating)	□ 2	□ 2	□ 2	□ 2	
	☐ 3	☐ 3	☐ 3	☐ 3	

	Occupational Competencies		Rating Evaluation Minimum Rating of 2 EACH				
		Mini					
	Competency and Rating Criteria		Check Rating				
		Initial	Mid Mid	Mid	Fina		
			Year 1	Year 2	Fina		
Comments:							

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