

The Henrico County Advanced Career Education (ACE) Centers offer training opportunities in the following areas for the 2016-2017 school year:

ADVANCED CAREER EDUCATION (ACE) CENTER at HERMITAGE
804-756-3020

Air Cond., Refrigeration & Plumbing	Graphic Communications
Automotive Technology	Greenhouse Management
Barbering	Landscaping
CAD - Computer-Aided Drafting & 3D Animation	Legal Systems Administration
Cosmetology	Medical Systems Administration
Criminal Justice	Nurse Aide
Culinary Arts	Practical Nursing I
Diesel Technologies	Precision Machining Technology
Electricity & Cabling	Sports Medicine
Emergency Medical Technician	Veterinary Assistant
	Web Development/Programming

ADVANCED CAREER EDUCATION (ACE) CENTER AT HIGHLAND SPRINGS
804-328-4075

Auto Body Repair	Electricity & Cabling
Automotive Technology	High Tech Academy
Carpentry	Tourism Marketing and Sales
Computer Systems Technology	Masonry
Cosmetology	Nurse Aide
Criminal Justice	Pharmacy Technician
Early Childhood Education & Services	Practical Nursing I
	Radio Broadcasting & Journalism

Henrico County Public Schools does not discriminate on the basis of race, color, national origin, sex, religion, age or disability in employment or provision of programs, services, or activities. Reasonable accommodation will be provided upon request for individuals with disabilities.

For additional information, please contact a counselor in your school or write or call:

Career and Technical Education Department
Henrico County Public Schools
3751-C Nine Mile Road, Henrico, VA 23223-0420
(804) 781-1810
HENRICOCTE.COM



2000 PANTONE 15-4220 Cerulean	2001 PANTONE 17-2031 Fuchsia Rose	2002 PANTONE 19-1664 Blue Field	2003 PANTONE 14-4811 Aqua Sky	2004 PANTONE 17-1426 Tangerine	2005 PANTONE 18-2217 Blue Turquoise	2006 PANTONE 13-1106 Sand Dollar
2007 PANTONE 19-1557 Chili Pepper	2008 PANTONE 18-3943 Blue Veil	2009 PANTONE 14-0848 Minotaur	2010 PANTONE 18-5519 Turquoise	2011 PANTONE 18-2120 Honeyuckle	2012 PANTONE 17-1483 Tangerine Tango	2013 PANTONE 17-5641 Emerald



Graphic Communications I	Course No. 8660
Elective	36 weeks - 3 periods 3 credits
Prerequisite: Recommendation of Counselor	

The first year of graphic communications involves many learning experiences, exploring various fields of the printing business. Included are: instruction in layout and design, composition, desktop publishing, photography, platemaking, collating, bindery operations, types of paper and inks, styles and sizes of type, and developing skills in the operation of various types of printing presses, equipment, and computers.

Graphic Communications II	Course No. 8661
Elective	36 weeks - 3 periods 3 credits
Prerequisite: Graphic Communications I	

The second year course of graphic communications involves experience in production printing, production control, and management techniques. The student is given an opportunity to actually run a print shop as part of his/her training. Specialization in areas of prime interest is possible on a supervised self-study basis. With approval and recommendation of the teacher, students may spend time in actual work experiences in a printing company during the second semester.

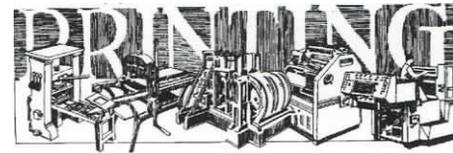
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|--------------------------|------------------------------|
| 1) Bindery operations | 11) Vinyl signmaking |
| 2) Computer graphics | 12) Paper and ink technology |
| 3) Sublimation | 13) Computer to plate |
| 4) Cost estimating | 14) Press operations |
| 5) Desktop publishing | 15) Production procedures |
| 6) Equipment maintenance | 16) Proofreading |
| 7) History of printing | 17) Related math |
| 8) Job planning | 18) Screen printing |
| 9) Layout and design | 19) Digital printing |
| 10) Legal restrictions | 20) Troubleshooting |

Desirable Aptitudes and Background Courses

Your chances of success in the printing field are greater if you are mechanically inclined, have a genuine interest in graphics, and are creative and project directed. Pre-entry courses that are helpful in printing are: English, computer keyboarding, art, math, and technical drawing.

Employment Opportunities and Salaries

Today the printing industry is fast paced and technically sophisticated. The demand for trained craftsmen and supervisory personnel has increased at a rapid pace. With printing being the



Richmond area's third largest industry, it offers many opportunities to graduates of this program. Wages may vary

throughout the field of printing, depending upon the company or industry, specialty, location, and experience of its workers. A person who is willing to work hard and gain experience can expect to achieve a high level of job security, excellent working conditions, good fringe benefits, and better-than-average pay.

Certification

The student can take the SkillsUSA Certification Testing for Graphic Communications.



This class is taught only at the ACE Center at Hermitage.