

## Why choose WMU

# Pilot Plants?

Because testing is our business! Avoid the hassle by allowing us to do what we know best. Our research staff, as your confidential partner, can guide your company through setup, analysis, process modification, retesting and complete finished quality evaluation in a controlled environment.

The Pilot Plants offer unique research capabilities to the recycling, papermaking, coating, packaging, ink, and printing related industries. Our facilities have up-to-date equipment, experienced technical personnel, and extensive bench-testing laboratory facilities, all of which are necessary for extensive and efficient contract research and development activities.



WESTERN MICHIGAN UNIVERSITY

### For More Information

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# Printing Pilot Plants



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Western Michigan University  
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Services  
for  
Industry

# Printing

## Evaluate Your Product

*Does the product meet the performance requirements of your customers?*

Western is a printing test center with the ability to perform proof press and full production press evaluation of your products. The printing pilot plant includes a webfed gravure printing press, a webfed flexo press, a sheetfed offset and full capabilities in digital printing methods. Once printed Western can provide complete printability evaluations that include optical density, mottle, tonal response, dot gain, gloss, abrasion, image analysis, dynamic absorption (contact angle), L\*a\*b and spectral color.



## Your Production Press

Waiting for you at WMU is a 4-color 23" (585 mm) wide Cerutti webfed gravure press. This press is capable of printing on paper, paperboard, and plastic films at production speeds ready to meet your production standards.

The press has a wide variety of test cylinders in both packaging spot color and full process color publication sets. We even have a number of coating and specialty engraved cylinders. If you don't see what you need, we can work with you to design your own custom set and we would be happy to store them as well.

In addition to the gravure press, a 3-color, 10" (255 mm) wide Comco Commander flexographic press is available. This press can print on plastic, film, paper, paperboard, foil and laminates. It is equipped with a corona treater, laminating station, sheeter, a variety of anilox rolls and a die cutting station



Flexo printing press.

## Discover Fingerprinting

Western is very fortunate to be the only location for the intensely hands-on Gravure Press Fingerprinting Course sponsored by WMU and the Gravure Association of America (GAA). This course is offered annually in the fall. For more information, please contact GAA at (716) 436-2150 or visit [www.gaa.org](http://www.gaa.org).



Four-color form on gravure printing press.

## Your Paper Connection

Another unique feature of Western is your access to a complementary group of papermaking experts. Western Michigan University not only has an excellent program in Printing Management and Marketing, but it is a world-renowned institution in the different disciplines of papermaking and paper coating.

This is good news for you since you have access to the experts that can help you with your paper substrate questions at the same place you find your printing solutions. Western also has the laboratory facilities to be able to test your substrate before as well as after it has been printed. Like you, papermakers that supply the printing industry also use our facilities to evaluate their new ideas.

### Visit

[www.wmupilotplant.com](http://www.wmupilotplant.com) for more information on the other equipment and services of Western Michigan University's plants.