Construction of a hardware-modified printer to print on multiple surface types MATTHEW COVEY, JENNIFER PARSONS, Tyler Jr. College — Printing has applications varying from convenience to necessity. Low-cost printers are limited in width to 8.5 inches on paper. Construction is in progress for a hardware-modified printer designed to print on multiple surface types and sizes with a minimal budget. The project requires an easy to use interface. A custom micro-controlled circuit is being used to automate control in addition to pre-existing printer driver software.