



Students (l-r) Harris Verdun and Juan Marin printing a "4 color process" document on the Ryobi 3302HA Offset Press. Four semi-transparent inks are used; black, cyan, magenta and yellow, and with these four inks the illusion of color is created. However, since this press can only print two colors at a time, the document must pass through the press two times - once for black and cyan inks (you can see these two colors on the document as it feeds into the machine) - and a second time for the magenta and yellow inks (you can see these two colors in the ink fountains of the press). Juan (top pic) is using a quality control device called a densitometer to help him maintain color consistency throughout the press run. Juan and Harris are holding their masterpiece in the bottom picture. Note the different colors on the document. All were created using only black, cyan, magenta and yellow inks - one of several optical illusions utilized in the printing process.

