In the hardwood sawmill industry, decisions made at the various processing stages directly affect the value of the end product. In order to realize maximum product value, it is essential that employees be properly trained. The edging and trimming stage of lumber processing is one area where lack of proper training can result in poor manufacturing decisions and ultimately reduced product value. To supplement on-site training, we have created a computer program to assist edger and trimmer operators in making good manufacturing decisions. The Edging and Trimming Trainer Program is designed to help hardwood lumber edger and trimmer operators and sawmill managers better understand how lumber grade, surface measure, and price interact to affect lumber value and processing decisions.