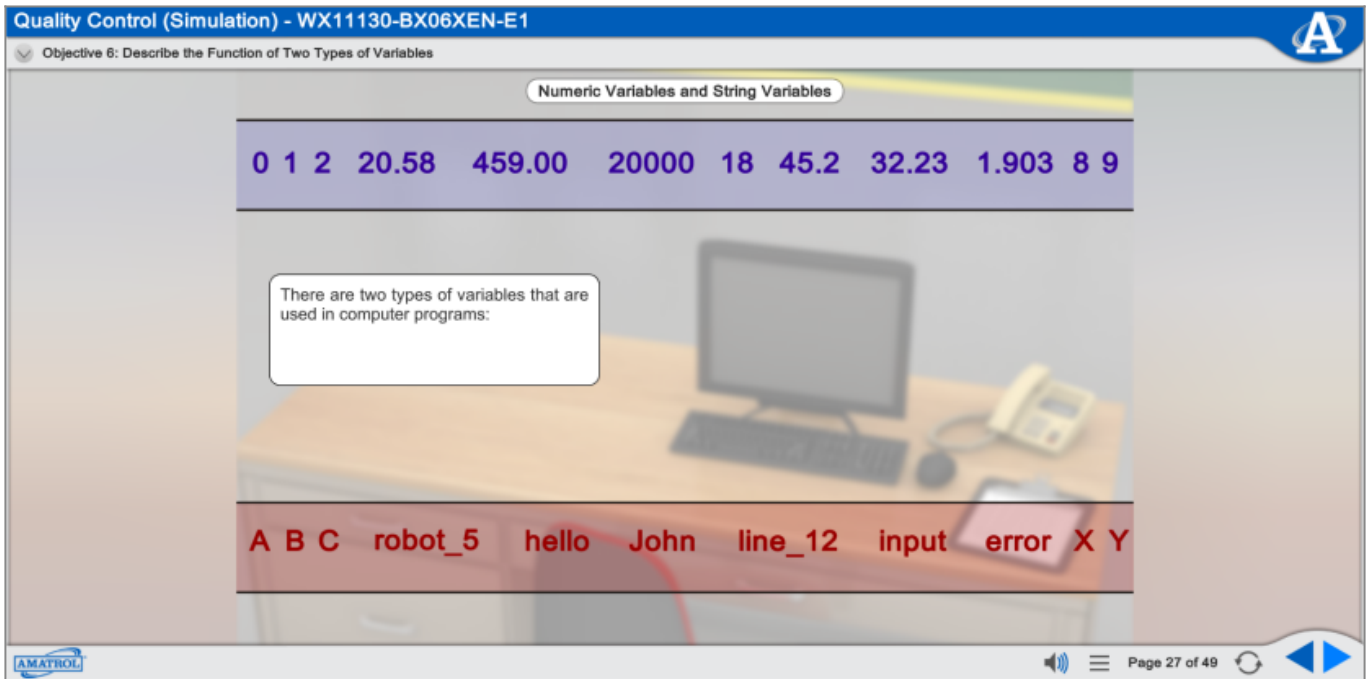# Advanced Robotics Simulation Training | eLearning Course

eLearning Course: MB766

Amatrol's advanced robotics simulation eLearning course (MB766) covers major topics, such as how to connect a conveyor to the Pegasus robot; how to operate the conveyor; how to develop a robot program; developing programs to make a robot load and unload multiple automated machines; and much more! Topics include designing a robot program to perform a go/no-go inspection; entering a robot program that uses arithmetic and relational operators; and designing a robot application using For-Next commands.

Interactive eLearning

In-Depth eLearning Curriculum Connected to Real-World Skills
Amatrol's eLearning curriculum is unique in that it thoughtfully combines in-depth theoretical knowledge with practical, hands-on skills. This powerful combination of knowledge and skills solidifies understanding and creates a strong foundation for pursuing more advanced skills. Amatrol's eLearning integrates various types of learning methods to create an engaging, effective learning experience. Amatrol's multimedia [eLearning](#) curriculum includes text with voiceovers, videos, 3D animations, pictures, and interactive activities, quizzes, and self-reviews.

For example, the advanced robotics eLearning course covers important topics, such as application development; flexible manufacturing cells; quality control; and production control.

Free Learning Management System (LMS)
Amatrol eLearning is easy-to-use for both students and instructors. Its web-based interface is simple to navigate and available on any WebGL-compatible Internet browser. Instructors love Amatrol eLearning for its simple, yet sophisticated Learning Management System (LMS). The LMS allows instructors to create custom courses, monitor student participation, track course progress, assess knowledge levels prior to a course, and test knowledge levels after completion. Learners appreciate the fact that they can start and stop as needed, moving through each Amatrol course at their own pace. If a self-review reveals that they didn't understand a particular topic as well as they thought they did, they can revisit it before moving on.

Additional Info

Requires:

- Computer (see [Computer Requirements](#))

Options:

- Robotics 2 Simulation Learning System (96-RSS2)
- Amatrol SkillTrace Software (94-ST1)