



Robotics Archaeology Course Syllabus

This is an advanced robotics course featuring the Lego Mindstorms NXT kits. Students will build and program three robots, the Explorobot, StringBot, and SnapShotBot, from the Mindstorms book *The Mayan Adventure* in order to explore the diverse application of robotics. There will be daily lessons on archaeology, and a specific focus will be placed on Mayan culture. The culminating project for this course is a student-designed original robot.

Day 1: Introduction

Day 2: Begin the Explorobot

Day 3: Explorobot Programming and Testing

Day 4: Finish Explorobot Testing and Begin Stringbot Construction

Day 5: Stringbot Construction and Programming

Day 6: Stringbot Programming and Testing

Day 7: SnapShotBot Construction and Programming

Day 8: SnapShotBot Testing and Final Project Introduction

Day 9: Final Project

Day 10: Final Project and Course Evaluations