



Strategic Air Command & Aerospace Museum

Robotics Merit Badge Requirements

Merit Badge Requirements

REQUIREMENTS MET AT THE MUSEUM (1, 2, 3, 4, 5, 6b):

Requirements 1, 2, 3 & 6b: Robotics PowerPoint

Scouts will receive an in depth presentation on the robotics industry, safety, competitions, and more. The presentation will also cover different fields in robotics.

Requirements 4 & 5: LEGO EV3 Mindstorms

Scouts will use LEGO EV3 Mindstorms to create programs and test their programs to complete certain tasks.

*Other activities will be added to supplement the curriculum.

REQUIREMENTS NOT MET AT THE MUSEUM (7):

If scouts would like to get these signed off by a counselor at the Museum, they will need to have completed the material before arrival for the overnight. Counselors will then look at the materials and talk with the scouts about their prepared work. After the discussion, the counselor will decide if the sufficient amount of work was done and either will sign off on that requirement or will advise the scout on how to improve their project.