All local area students transitioning to or that are already in high school in the fall (grades 9-12) studying math or science are invited to be part of the Summer Software Outreach Program at Lockheed Martin Rotary and Mission System (RMS) in Owego, NY. The goal of this coed program is to provide a better understanding of career opportunities in engineering, science and business through hands-on projects, facility tours, guest speakers and discussions.

This summer we will be offering two classes in July and August. The first being a class on the building blocks of software (Beginner Class). The second class will be a continuation of the first class looking at more intermediate concepts which include object-oriented programming and simple networking concepts (Intermediate Class). We will be programming in Python, a powerful high-level programming language that is easy to learn, free to use, and used at many companies, including Lockheed Martin. No programming experience needed! Students will tackle projects that are open-ended and allow creativity to allow students to move at their own pace and challenge themselves. We will have projects that focus on simple graphics, mathematics and physics, and state machines.

The **Beginner Class** and **Intermediate Class** will meet **Every Tuesday** from July 18th until August 29th, 2017. There is a registration fee of $10, payable by cash, check, or PayPal and due at the first meeting. Checks are payable to “Tioga Explorers”. Spaces are limited and are available on a first-come, first-served basis.

An organizational meeting for interested students, friends and parents will be held on **Tuesday, July 18th, from 6:00 p.m. to 8:00 p.m. at the LM RMS Owego facility, Main Lobby.** This meeting will provide an overview of the program and the Lockheed Martin staff and resources that support the program. Students will also have the chance to ask questions and share topics of interest. Time permitting we will jump right into the lessons during this initial organizational meeting.

All attendees must pre-register for this meeting (including LM employees). To pre-register and receive facility access information, please contact:

- **Chris Grontkowski** 607-751-4241  
  or  
  **Paul Mittan** 607-751-4471

The following information is required for each student:

- Student Name
- Student Age/Grade
- Student Citizenship
- Parent/Guardian Name Coming to Mtg
- Parent/Guardian Citizenship
- Which Class (Beginner or Intermediate)
- Preferred Payment (Cash/Check @ first mtg, PayPal)