

**CONNECTICUT STEM FOUNDATION, INC.**

**CURRICULUM FOR A HIGH SCHOOL STEM RESEARCH PROGRAM**

**DRAFT 2: GOALS**

- 1. To foster Connecticut students' interest in STEM (Science, Technology, Engineering and Mathematics) careers.**
- 2. To help Connecticut High Schools set up STEM Research Programs for their students.**
- 3. To complement and support the Connecticut STEM Foundation's Mentor Outreach Program that supports Connecticut science teachers who are helping their science students conduct STEM research programs for entry into Connecticut STEM Fairs.**
- 4. To teach Connecticut students how to conduct an original STEM research project.**
- 5. To give Connecticut students an opportunity to interact with and to exchange STEM ideas with their peers, with their STEM mentors, and with judges at STEM fairs.**
- 6. To create a High School STEM course that gives Connecticut students the opportunity to become proficient in the STEM skills contained in the NGSS (Next Generation Science Standards) Science and Engineering Practices.**