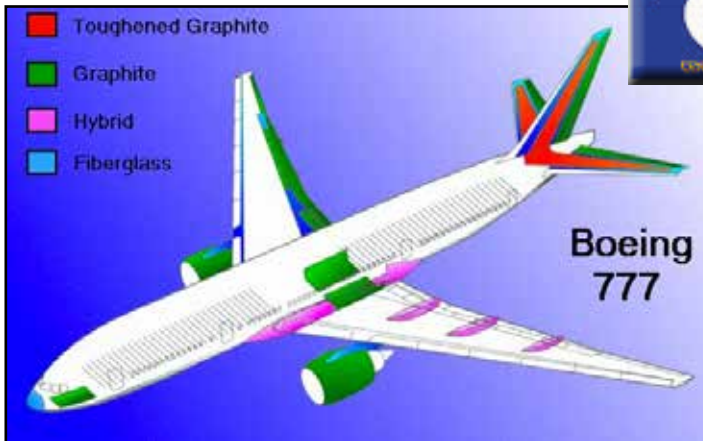




Composites 1 & Manufacturing Principles 1



GTI website <http://gti.graniteschools.org>



Course Information

Location: Granite Technical Institute
 2500 South State Street

Transportation: School bus available to and from GTI

Offered to: 11-12 grades

Registration: GTI Application (Signed by parent)

Period: 2-period block

Length: Semester

Credits: 1.0 credit per semester, CTE, Elective

Fees: Lab fee required

Course Description

Strength, stealth and speed – these are key words related to the composites industry. This course focuses on the properties and manufacturing of fiberglass reinforced plastics and advanced composites. Composites 1 is the first in a two-part sequence of courses focusing on advanced materials and processing used in planes, cars, bicycles and many other products. Students will create engineering drawings, use precision measuring instruments, manufacturing equipment, machines, and materials to improve an existing design or manufacture original products.



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January 2016