

# COMPOSITE USE IN PERFORMANCE ENHANCEMENT

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Composite materials have been proven to be more lightweight while maintaining structural integrity and having a considerable amount of strength.



On the Formula SAE Team at OSU, we took advantage of composite material characteristics to increase the overall performance of our vehicle while decreasing the weight.



By using modeling software, like SolidWorks, we were able to create an aerodynamically shaped nose cone for the front of the car. By using composites, we reduced the amount of drag and weight felt by the vehicle.

