

# SCHOOLS

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INDIAN HILL  
JOURNAL

ACHIEVEMENTS | NEWS | ACTIVITIES | HONORS

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## Laser lessons

Students from Indian Hill High School's engineering class recently learned a thing or two about laser scanning. They visited 3D Engineering Solutions in Woodlawn for a demonstration on how lasers can be utilized for imaging and modeling. Project engineers demonstrated how laser scanning can be used on items ranging from a rotor to an exhaust nozzle from an aircraft.

Photos by Forrest Sellers/The Community Press



Senior engineer Gene Hoppe, left, of Sharonville, uses an image of an exhaust nozzle from a Hawker Harrier aircraft to illustrate an engineering point. Also shown is project engineer Jared White, of Hamilton.



Juniors John Stephen, left, and Eric Snyder, both of Kenwood, learn about laser imaging from project engineer Piet Swanepoel, of Fairfield.

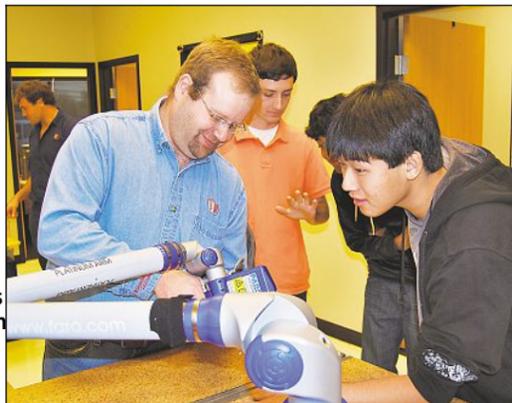


Project engineer Piet Swanepoel, left, and Rob Glassburn, vice president of operations, field questions from seniors Charles Dawson, of Kenwood, and Drew Pierce, of Indian Hill.



Project engineer Jason Kleinhenz, center, of Fairfield, demonstrates how a precision structured light system can capture the image of a rotor, shown in the foreground. Also shown are seniors Kevin Dong, of Indian Hill, and Matt Wiener, of Kenwood.

Project engineer Clint Wilmot, left, of Oxford, operates the arm of a coordinate measuring machine. Watching Wilmot is senior Kevin Dong, of Indian Hill.



Engineer and company President James Irwin, of Sharonville, uses a piece of equipment from a turbine engine to clarify an engineering principle.



Junior Eric Snyder, left, of Kenwood, watches as project engineer Piet Swanepoel, of Fairfield, adjusts a laser scanner.



Seniors Daniel Valentini, left, Matt Wiener and Mahir Sharif, all of Kenwood, watch as an image of a rotor is scanned and shown on a computer.



**open house**  
Sunday, October 30, 2011  
from 10:30 a.m. - 1:00 p.m.

**showcase nights**  
November 16 & December 8  
from 6:30 - 8:30 p.m.



For more information or to register, contact Michelle Vonderhaar at:  
St. Ursula Academy  
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Cincinnati OH 45206  
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