



A diesel engine uses diesel as fuel. B
 diesel has poorer evaporation and li
 than gasoline, diesel engines cannot
 flammable gas mixtures externally li
 diesel can. The diesel engine can onl
 a gas mixture in the cylinder. In dies
 engines, fuel is often injected into th
 engine cylinder near the end of the
 compression stroke. The diesel drop
 then absorb heat, evaporate, and ex
 in hot air, forming flammable mixtur
 air, and finally igniting and burning.
 The four working processes of diesel
 engines are:
 Suction stroke - fresh air is drawn in
 the cylinder;
 Compression stroke - the air is
 compressed;
 Power stroke - the diesel fuel charge

SOFTWARE APPLICATIONS

Career and Technical Education

VIVED ANATOMY

VIVED VOLUME

VISIBLE BODY®

VIRTUAL ECG
 By Vizitech USA

zSpace Health Sciences Software Applications

This package is designed to provide a comprehensive anatomy learning experience that encompasses dissection, self-study, quizzes, DICOM viewing and manipulation, and ECG interpretation. Engage students with hands-on experiences and provide them with more opportunities to learn and interact with anatomy content.

WAVE NG

Welding Training Software Application

Using zSpace, Wave NG provides students with hands-on training in welding gestures, MAG and MMA, through a series of exercises performed with a handheld welding simulator. Students receive multisensory training, allowing them to weld from multiple angles using their eyes, ears, and hands to master the fundamentals of welding.



GTAFA Automotive Training Software Applications

The Automotive VR Training System by GTAFA offers extraordinary hands-on experiences while improving student interest and performance in mechanic training. The VR Automotive Expert introduces content through detailed text and 3D interactive models. The accompanying VR Automotive Mechanic trains students in Assembly and Disassembly of key automotive components.

For more information, visit zspace.com/cte