

Alexander Kargilis, PE

Alexander Kargilis, PE has over 40 years experience in the design and development of automotive, truck, military and off highway vehicle HVAC and Engine Cooling components and systems.

He has written HVAC and engine cooling design and development texts, test procedures and standards used throughout the USA and world.

He works with automotive OEM and suppliers in the optimum sizing and application of all the units that comprise these systems both as individual components and as viable operating systems in an automotive city, highway, off-highway and military vehicle environment.

He is an engine cooling and HVAC consultant throughout the USA, Canada and Europe. His course alumni include all the major automotive and off highway vehicle manufacturers and suppliers, i.e., General Motors, Ford, Daimler-Chrysler, John Deere, Toyota, Volvo, J I Case, Visteon, Delphi, Denso, Sanden, Calsonic, Siemens, Behr, Modine, Caterpillar, TRW, Tesma, Halas, Goodyear, Peterbilt, Honda, Fiat, Cummins, Dana, Nissan, Bosch, US Army Command, Kenworth, Long, Freightliner, Harley-Davidson and many others.

He received his engineering degree from Wayne State University, has several patents on heat transfer devices used in the automotive industry, is on the adjunct faculty of the Lawrence Technological University in Southfield, Michigan and is a registered professional engineer.

His expertise in the design, development and manufacture of automotive engine cooling and HVAC components and systems has been proven and fine-tuned over many years in the laboratory, manufacturing plant, on the test track and millions of miles in the field.

Alexander Kargilis is the instructor for:

Design and Development of Automotive HVAC Systems

Design and Development of Automotive Engine Cooling Systems

