



## Marvin Dixon

### Biographical information

Marvin Dixon, Ph.D., PE, is an Alumni Distinguished Professor of Mechanical Engineering and has more than 30 years of experience designing, consulting and teaching failure prevention and machine structural element design. On many occasions he has redesigned elements designed by others, including, computer automated textile looms, new types of compressors, new types of isolation systems to prevent failure under earthquake loading – ones that had failed causing injury and loss of income. He has consulted for DuPont, Westinghouse, GE, Ryobi, Torrington, Owens Corning and many others.

Additionally, he was the first recipient of the Murray Stokely Award for Teaching Excellence in the Clemson University College of Engineering. A design course he developed with faculty from Clemson and other universities was selected by the American Society of Mechanical Engineering as an outstanding curriculum innovation in mechanical engineering in 1997.

Dr. Dixon teaches short courses and PE reviews to practicing engineers and professionals. He is writing a textbook on machine component design.