



Phillip J. Cornwell
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Phillip Cornwell is Vice President for Academic Affairs and Professor of Mechanical Engineering at Rose-Hulman Institute of Technology. He is responsible for all academic programs and provides leadership in forming an academic vision and developing short- and long-term strategies to realize that vision. Cornwell received his B.S. degree in mechanical engineering from Texas Tech University in 1985 and his M.A. and Ph.D. from Princeton University (NJ) in 1987 and 1989, respectively.

Cornwell joined the Rose-Hulman faculty in 1989. He was one of the developers of the Rose-Hulman Sophomore Curriculum, an innovative approach to teaching engineering science that was developed as part of the National Science Foundation (NSF)-funded Foundation Coalition. Cornwell is a strong advocate for the use of technology in the undergraduate engineering curriculum and was a co-principal investigator of an NSF-funded grant for a “classroom of the future” for the teaching of dynamics.

Cornwell received an SAE Ralph R. Teeter Educational Award in 1992, and he has received the two highest awards at Rose-Hulman: the Dean’s Outstanding Teacher Award in 2000 and the Board of Trustee’s Outstanding Scholar Award in 2001. Cornwell was one of the professors featured in The Princeton Review book *The Best 300 Professors*.

Cornwell spent many summers working at Los Alamos National Laboratory where he was a mentor in the Los Alamos Dynamics Summer School and did research in the areas of structural health monitoring, energy harvesting, vibration monitoring of femoral components, and micromotion of cementless implants. He has authored or coauthored more than 55 conference and journal publications.

In 2006, Cornwell joined the author team for one of the oldest and best-selling engineering mechanics texts of all time, *Vector Mechanics for Engineers: Dynamics* by Ferdinand P. Beer and E. Russell Johnston. Following Johnston’s death in 2010, Cornwell has assumed primary responsibility for updating and improving the book.

In 2011, Cornwell became the Vice President for Academic Affairs at Rose-Hulman.