



# Elementary Surveying: An Introduction to Geomatics (13th Edition)

By Charles D. Ghilani

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## **Editorial Review**

### **About the Author**

Dr. Charles Ghilani is a Professor of Engineering in the B.S. Surveying Engineering and A.S. Surveying Technology programs at Penn State. He holds a Ph.D. and M.S. in Civil and Environmental Engineering from the University of Wisconsin-Madison, and a B.S. degree in mathematics and education from the University of Wisconsin-Milwaukee. He has been involved in education since 1974; teaching at various levels from elementary through graduate school.

Dr. Ghilani has received numerous awards including: a Campus Innovation Award (1991) and Professional Development Award (1994), P.S.L.S. presidential commendation in 1990, Outstanding Club Advisor in 1992, a Distinguished Service Award from the Pennsylvania Society of Land Surveyors in 1995, an American Congress on Surveying and Mapping (ACSM) fellowship (1999), and the Earle J. Fennell Award (2001) for outstanding service in surveying and mapping education from ACSM. He is a member of the graduate faculty at Penn State and University of Maine.

Dr. Ghilani is a member of the American Congress of Surveying and Mapping, the American Society of Photogrammetry and Remote Sensing, the Wisconsin Society of Land Surveyors, and the Pennsylvania Society of Land Surveyors. Dr. Ghilani has authored several professional publications, including **Adjustment Computations: Statistics and Least Squares in Surveying and GIS**, 5th Edition, and **Elementary Surveying: An Introduction to Geomatics**, 13th Edition.

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