

Further Reading on Multiple-Choice Testing

Prepared by David DiBattista, Brock University

These books focus specifically on multiple-choice testing.

- Haladyna, T.M. (2004). *Developing and Validating Multiple-Choice Test Items*, 3rd edition. Mahwah, New Jersey: Lawrence Erlbaum Associates.
- McDonald, M.E. (2007). *The Nurse Educator's Guide to Assessing Learning Outcomes*, 2nd edition. Sudbury, MA: Jones and Bartlett.

These books provide background on assessment techniques in general and also have helpful information specifically about multiple-choice testing.

- Ebel, R.L., & Frisbie, D.A. (1991). *Essentials of Educational Measurement*, 5th edition. Englewood Cliffs, New Jersey: Prentice-Hall.
- Linn, R.L. & Gronlund, N.E. (1995). *Measurement and assessment in teaching*, 7th edition. Upper Saddle River, New Jersey: Prentice-Hall.

This book focusses specifically on assessing higher-order thinking.

- Haladyna, T.M. (1997). *Writing Test Items to Evaluate Higher Order Thinking*. Boston: Allyn and Bacon.

These journal articles examine the guidelines for writing multiple-choice items.

- Haladyna, T.M., & Downing, S.M. (1989a). A taxonomy of multiple-choice item-writing rules. *Applied Measurement in Education*, 2, 37-50.
- Haladyna, T.M., & Downing, S.M. (1989b). Validity of a taxonomy of multiple-choice item-writing rules. *Applied Measurement in Education*, 2, 51-78.
- Haladyna, T.M., Downing, S.M., and Rodriguez, M.C. (2002). A review of multiple-choice item-writing guidelines for classroom assessment. *Applied Measurement in Education*, 15, 309-344.

A novel response technique: The Immediate Feedback Assessment Technique

This journal article presents the Immediate Feedback Assessment Technique (IFAT), a novel multiple-choice response form that uses an answer-until-correct format and gives students immediate, corrective, item-by-item feedback while they take the test. Research has shown that the IFAT promotes learning and that students strongly prefer it to other response formats, such as the more widely used Scantron form. The following article provides further information and practical tips for instructors who might like to try the IFAT:

- DiBattista, D. (2005). The Immediate Feedback Assessment Technique: A learner-centered multiple-choice response form. *Canadian Journal of Higher Education*, 35, 111-131.

IFAT forms can be obtained from Epstein Educational Enterprises. If you wish to purchase forms or would like more information, go to <www.epsteineducation.com>.