Research Enhancement
Building Infrastructure Leading to Diversity

RE**BUILD**etroit

Office for
Teaching &
Learning

WAYNE STATE

Suggested Resources for Course Design
BOOKS

Ambrose, S. A. (2010). *How learning works: Seven research-based principles for smart teaching.* San Francisco: Jossey-Bass.

> *This book introduces seven general principles of how students learn. The authors have drawn on research from a breadth of perspectives to identify a set of key principles underlying learning, from how effective organization enhances retrieval and use of information to what impacts motivation.*

Diamond, R.M. (2008). *Designing and Assessing Courses and Curricula: A Practical Guide* (3rd ed.). San Francisco: Jossey-Bass.

> *This book is a comprehensive resource for effectively designing and assessing learning outcomes at both the course and curricular levels. It deepens our understanding of course design as a tool for educational change.*

Fink, L.D. (2013). *Creating Significant Learning Experiences: An Integrated Approach to Designing College Courses* (2nd ed.). San Francisco: Jossey-Bass.

> *This book focuses on the how to design integrated courses that lead to a rich learning experience. Fink combines research-based practices for student-centered learning with teaching strategies to promote significant student learning.*

Wiggins, G. & McTighe, J. (2005). *Understanding by Design* (2nd ed.). Alexandria, VA: Association for Supervision and Curriculum Development.

> *This book introduced the concept of "backward design"- start with the end in mind and then work back toward the beginning. Instructors should start the design process by defining their learning goals; then they should proceed to identifying their assessment activities and finally the learning activities.*

Suggested Resources for Course Design
WEBSITES

Bloom's Taxonomy Revised

The Second Principle

This resource contains a brief discussion of the revisions to Bloom's classic cognitive taxonomy by Anderson and Krathwohl, to help use Bloom's taxonomy effectively.

http://thesecondprinciple.com/teaching-essentials/beyond-bloom-cognitive-taxonomy-revised/

Designing Courses Backwards

Stanford Teaching Commons

This link includes an overview of backwards course design, information on how to design learning outcomes, and as well as a chart of Bloom's taxonomy.

https://teachingcommons.stanford.edu/resources/course-preparation-resources/course-design-aids/designing-courses-backwards

Designing Significant Learning Experiences

Dee Fink & Associates

Multiple forms and helpful handouts are available without charge on this website. It also contains examples of good course design and a listserv.

http://www.designlearning.org/

Teaching & Learning in the Diverse Classroom

Office for Teaching & Learning, Wayne State University

This site contains selected resources on student diversity to help instructors create and sustain inclusive learning environments where everyone can be successful.

http://otl.wayne.edu/teaching/tldc.php

Universal Design for Learning

Office for Teaching & Learning, Wayne State University

This resource includes principles and frameworks of best practices for universal learning, course design and development.

http://otl.wayne.edu/teaching/syllabus-construction.php