

CURRICULUM DEVELOPMENT: THEORY AND PRACTICE

Spring Semester, 1990  
Wednesdays, 4:30–8:20  
Location: MPX 8620

Instructor: C. Wentzell  
Office:  
Phone:

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**PREREQUISITE:** 60 hours of credit.

**COURSE OUTLINE:**

Part I – Design and Education

- (a) The history of curriculum design
- (b) The inter-relationship between curriculum and instructional design

Part II – Curriculum Design: Developing Needs Assessment as a Basis for Planning

Part III – The Formal Process of Developing a Needs Assessment in Curriculum

Part IV – Organization Elements for Curriculum Development

- (a) Is a new curriculum necessary?
- (b) Curriculum parameters
- (c) Resources
- (d) Impact analysis
- (e) Forming a curriculum team
- (f) Schedule and budgeting

Part V – Specifying Learner Outcomes and Identifying the Purpose of a Curriculum

- (a) Identifying curriculum and instructional objectives
- (b) Presenting materials and teaching to those objectives

Part VI – More on Curriculum Objectives

- (a) Task analysis
- (b) Item analysis
- (c) Criteria for curriculum objectives
- (d) Validation of objectives

Part VII – Criteria Performance

- (a) Criteria for measures of achievement
- (b) Program evaluation

Part VIII – The Design of Formal Tests

- (a) Criteria and reference tests
- (b) Test administration
- (c) Scoring Tests
- (d) Norm referenced and criterion referenced similarities and differences
- (e) Improving reliability and validity
- (f) Grading
- (g) Reporting student achievement

Part IX – Designing Instruction Including the Entry Characteristics of Learners

- (a) Teaching to the correct level of difficulty
- (b) Establishing learning prerequisites
- (c) Continuous progress models
- (d) Mastering learning concepts
- (e) Wholistic instructional methods
- (f) Continuous progress models