MULTIPLE INTELLIGENCES AND IMPLICATIONS FOR TEACHING

<u>Subject</u> : <u>Grade Level</u> : <u>Duration</u> :		Educational Psychology Graduate Seminar (D.A.) Thirty Minutes (Approximate)
Topic:		Multiple Intelligences & Implications For Teaching
LR Objective	:	The prospective college teacher (PCT) will judge the usefulness of Howard Gardner's theory of seven intelligences for instruction at the university level.
<u>Set</u> :	1.	Film clips from <i>Ghostbusters & JFK</i> will illustrate multiple aspects of human interaction socially and psychologically. [Video]
	2.	What is intelligence? The primary issue of definition will be discussed. If the foundation is ambiguous, then what about the superstructure(s) built upon that substratum? This framework provides the transition to a more complex model of intelligence. [Question & Answer; Discussion]

Objectives:

- 1. PCT will explore Gardner's seven intelligences.
- 2. PCT will compare/contrast multiple intelligence theory with traditional views.
- 3. PCT will apply multiple intelligence theory to their own abilities, goals, habits, likes/dislikes, etc. both psychologically and socially.
- 4. PCT will apply multiple intelligence theory to students and their abilities, goals, habits, likes/dislikes, etc. both psychologically and socially.
- 5. PCT will utilize multiple intelligence theory holistically and avoid the tendency toward fragmentation.
- 6. PCT will judge multiple intelligence theory according to their own personal philosophy of education and its usefulness for their method(s) of instruction.
- <u>Modeling</u>: Discussion, interjection, and observation by capable and creative seminar members will replace any strict modeling methodology. Life experiences of seminar members will be elicited.

Instructional Procedures:

- 1. *Objective # 1*. Different objects will be given to seminar members in order to illustrate the seven levels of intelligence. A printed handout about Gardner's theory will help guide the interactive discussion.
- Objective # 2. Use the marker board to highlight concepts / ideas about points of intersect and differentiation between Gardner's theory and traditional approaches to IQ. Use actual standardized tests, or an article about such, to show characteristics of a traditional approach to intelligence.
- 3. *Objectives 3 & 4.* A printed personal inventory sheet will allow seminar members to look introspectively about their own multiple intelligences. A handout will ask participants to evaluate practical / theoretical student characteristics and evaluate relative intelligence strength according to Gardner's model.
- 4. *Objective* # 5. A strict lecture approach with a brain model [if I can find such, DWF] will be used to encourage the seminar to act-thinking, planning, doing-holistically.
- 5. *Objective # 6.* Questions, possibly from a handout or maybe orally, will allow students to reflect upon and make judgment about the usefulness of Gardner's theory. The frame of reference will be each participant's personal philosophy of education.

Checks for Understanding:

- 1. Class interaction and participation, evaluated by instructor, will provide informal checks.
- 2. Responses to *Objectives 3 & 4* provide some formal feedback.
- 3. No check for *Objective* # 5, but Q & A for *Objective* # 6.

<u>Guided Practice</u>: Only the personal inventory for *Objective* # 3.

Closure:

- 1. Revisit film clips, or utilize new clips, to review seven levels of intelligence.
- 2. Emphasize the role of recognizing diverse aspects of human psychology in formulating educational philosophy. Ask for further applications / ideas from seminar members.

Alternate / Extra Activities:	Lecture on D. N. Perkins' "Thinking Frames."	Application of
	principles in serial literature.	

Materials:

- 1. Video tapes, projection system, screen, sound system.
- 2. Marker board and color markers.
- 3. Handouts to include articles, bibliography, outline.
- 4. Objects for object lessons / brain model.

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Resources: Serials

- Alexander, Patricia A. "Gifted and Nongifted Students' Perception of Intelligence." *Gifted Child Quarterly* 29 (Summer/1985): 137-143.
- Armstrong, Thomas. "Multiple Intelligences: Seven Ways to Approach Curriculum." *Educational Leadership* 52 (Nov/1994): 26-28.
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- Bynner, J. M., and D. M. Romney. "Intelligence, Fact or Artifact: Alternative Strategies for Cognitive Abilities." *British Journal of Educational Psychology* 56 (Fall/1986): 13-23.
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Resources: Books

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