

TEXAS A&M UNIVERSITY
Department of Educational Administration
and Human Resource Development

EDAD 613: Educational Facilities Planning
Spring 2005

Virginia Collier, Ph.D.

Text: Handouts will serve in lieu of text.

Reference Texts:

Hawkins, Harold L. and Lilly, Edward D. Guide for Planning Educational Facilities, 1992, Council of Educational Facility Planners International, Scottsdale, AZ.

Creating Connections: The CEFPI Guide for Educational Facility Planning, 2004.

Course Description: This course will pursue an understanding of the importance of the physical environment to the educational process including: 1) exploring planning models for school facilities and equipment needs; 2) determining efficiency of school facilities; understanding school facilities operations and maintenance programs; 3) understanding the development of program planning and educational specifications; 4) developing a plan for bond program and school construction project; and 5) conducting an appraisal for the adequacy of a school facility.

Credit: Three (3) semester hours

Course Requirements:

1. Attendance - This class is very hands-on and the experiences provided cannot be duplicated in most cases. Points will be deducted for classes that are missed unless prior arrangements have been made and approved by the professor.
2. The Council of Educational Facility Planners International (CEFPI) Southern Regional Annual Conference in Ft. Worth on April 1 - 2 exposes the student to professionals in all facets of facility planning, management, and construction. CEFPI allows the class to attend free of charge. We will work out final arrangements once class begins but please reserve this weekend.

Students will be expected to prepare a report on sessions attended at CEFPI to turn in to the professor and share with the class as an online report.

3. Reflections – Student will be expected to post reflective thought concerning each class session. This information will be shared with a learning group for purposes of reflective group thought.
4. Research Project – Each student will write a research paper 5 – 10 pages in length and utilizing a minimum of 5 references. Some possible topics are listed on page 3 of the syllabus. Your paper will be published on-line for review by other class members.
5. Action Project – Students will complete the CEFPI instrument on a school campus and submit to the professor.
6. Student will interview a superintendent on facilities utilizing the instrument provided.
7. Class Participation – Each student is expected to attend class, participate in class discussions and submit all requested written assignments.

Students will be involved in the research for a presentation on school facilities to be given at CEFPI. This will involve interviewing a school superintendent using the instrument provided.

Student Evaluation: Each student will be evaluated for a final grade as follows:

Attendance	10%
Research Paper	30%
On-line Reflection/ Discussion Groups	20%
Action Research	20%
Superintendent Interview	10%
Board meeting on facility planning	10% (Special Arrangement)

Class Schedule: Class will meet on the following dates from 8:30 am – 4:00 p.m. The location may vary.

January 14	ESC Region 12 with visit to LaVega ISD
February 4	ESC Region 12 with visit to Kendrick Elementary School
March 4	ESC Region 12 with visit to Midway High School
March 25	ESC Region 12
April 1 & 2	Fort Worth, Worthington Hotel
May 6	ESC Region 12

WebCT assignments and interactions will complete the required course hours.

Contact Information: E-mail is the preferred means of communication.

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Suggestions for research topics for research paper and oral report

Environments for Learning

Influence of New Facilities on Academic Achievement

Planning for Instructional Technology in a New School Facility

Planning for Instructional Technology in an Existing School Facility

Construction Management Process vs. Traditional Construction Process

Contracted Maintenance Services vs. District Maintained Services

Maintenance Program Using Equipment Life Cycle Costing

Open Space Classrooms vs. Traditional Close Space Classrooms

Renovating Old Facilities vs. Constructing New Facilities

Influence of Size of Elementary School on Academic Achievement

Influence of Size of Middle School on Academic Achievement

Influence of Size of High School on Academic Achievement

Influence of Learning Theory on Building Design

Impact of color

Portables vs. Permanent Structures

Building a School to Keep Students Safe

Air Quality and Schools

Impact of Lighting in Schools

Inclusive Strategies for Designing Schools

Open Concept Schools

Avoiding Legal Costs in Construction

Trends in School Planning and Design

Building Schools for the Community

WEBCT Information

Local students receive technical assistance by calling 845-8300. Out-of-town students may call this toll free number: 866-857-4112. These numbers will connect you to the Computer Information Systems Help Desk Central, which is available 24/7 or you may e-mail a help request to helpdesk@tamu.edu. This information is also available on the WebCT home page.

TAMU and the College of Education Position Statements

The position of Texas A&M University and/or the College of Education on issues regarding disabilities, plagiarism, diversity, and academic integrity are located on the WebCT site for this course. You are expected to be familiar with and adhere to these policies.