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Center for the Advancement of Ed. Course Descriptions for Courses in GEM Modules Aug.21.80

Nova University

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Center for the Advancement of Education

COURSE DESCRIPTIONS
FOR COURSES IN GEM MODULES
AUGUST 21, 1980 VERSION



CENTER FOR THE ADVANCEMENT OF EDUCATION

COURSE DESCRIPTIONS

FOR COURSES IN GEM MODULES

AUGUST 21, 1980 VERSION

NOVA UNIVERSITY
3301 College Avenue
Fort Lauderdale, Fl 33314

ADMINISTRATION

AS 500 EDUCATIONAL RESOURCE DEVELOPMENT/3 sem. hrs.

This course covers major sources of financial and non-financial resources for schools. It provides an orientation to federal, state, and local funding sources, as well as to funding by foundations. Non-financial resources discussed include school volunteer programs and free-loaned, and reduced-rental equipment and materials. Through this course the student will develop skills in approaching and negotiating with various funding agencies and he or she will develop techniques for writing proposals.

AS 509 CLINICAL SUPERVISION OF TEACHERS/3 sem. hrs.

This course emphasizes the development of practical competence in classroom supervision. Students observe and participate in supervision and their skills are analyzed and criticized.

AS 516 SCHOOL ADMINISTRATION AND THE LAW/3 sem. hrs.

This course is designed to raise the legal and ethical awareness of school personnel. Administrative competencies include acts of compliance with our laws and extend beyond to the professional educator's obligation to help shape the laws.

AS 520 PROFESSIONAL SEMINAR IN ADMINISTRATION AND SUPERVISION OF EDUCATIONAL SYSTEMS/3 sem. hrs.

This is a basic administration course covering all aspects of leadership philosophy, style and performance as well as administrative professionalism. Basic techniques of management and supervision are covered. Emphasis is on the job rights and job responsibilities of the chief building-level administrator.

AS 550 SUPERVISION OF SCHOOL PERSONNEL/3 sem. hrs..

This course provides an orientation to school planning, organization, personnel motivation, inservice training, supervision and evaluation of personnel, and the techniques of successful supervision.

AS 580 ADMINISTRATION OF EXCEPTIONAL STUDENT PROGRAMS IN K-12/
3 sem. hrs.

This course familiarizes students with federal regulations and state laws which surround programs for exceptional students. A major goal of this course is to help participants comprehend the many problems created by these attempts to meet the special needs of exceptional students. Emphasis is placed upon developing the administrator's ability to handle the responsibilities encountered for monitoring the preparation of individual educational plans, for providing due process within the laws, for parental involvement in educational planning and for documenting mandated procedures.

AS 610 ORGANIZATION AND ADMINISTRATION OF ADULT AND COMMUNITY EDUCATION/ 3 sem. hrs.

Participants become familiar with theoretical and empirical foundations of adult and community education. Students in this course become able to describe appropriate ways in which they can organize administer and evaluate adult-oriented educational programs.

AS 616 APPLICATIONS OF SCHOOL LAW/3 sem. hrs.

The emphasis in this course is upon the review of current and past applications of federal, state and local laws as they apply to education. Students in this course are expected to develop the necessary expertise to select appropriate acations to solve problems presented through case studies. Solutions to these potential problems for school administrators and classroom teachers will be based upon appropriate school laws, regulations and precedents.

AS 630 METHODS AND MATERIALS OF INSTRUCTION FOR DISADVANTAGED ADULTS/ 3 sem. hrs.

Following an exploration of various concepts, materials and instructional techniques which are appropriate for reaching disadvantaged adults, participants develop materials and methods which are appropriate for use in their own educational settings.

AS 640 CURRICULUM PLANNING AND GROUP PROCESS/3 sem. hrs.

This course develops competencies in curriculum design with and through other people, recognizing that a good curriculum is the result of many forces, including societal interest, career requirements legislation, research in the disciplines, and tradition. The competency based approach is stressed.

CURRICULUM

CU 500 MODERN CURRICULUM DESIGN/3 sem. hrs.

This course covers curriculum and materials design based on a pre-determination of the performance required for achieving curriculum objectives. This course requires the development of instructional systems for an existing curriculum.

CU 510 SURVEY OF EDUCATIONAL INNOVATIONS/3 sem. hrs.

This course involves the study of the systems approach to education, including the techniques and tools used in the design and development of validated instructional processes. The overview includes multimedia approaches, computer-assisted instruction, educational television, mechanical devices, and programmed instruction. Study is based on participation in each type of educational process.

CU 514 UTILIZATION OF MULTI-SENSORY MATERIALS/3 sem. hrs.

Deals with the application of mediated learning materials to the classroom situation, providing the student with practical experience in the utilization of media in the teaching-learning situation.

CU 516 OPERATION OF MEDIA CENTERS/3 sem. hrs.

This course comprises methods of establishing, organizing and operating media facilities for schools, school systems and training operations: how to achieve media accountability, and equipment, material and procedural considerations.

CU 517 BIBLIOGRAPHIC METHODS FOR LEARNING MATERIALS/3 sem. hrs.

The student studies means of incorporating media materials into a school library structure and learns to catalog, process, store and retrieve learning materials in media formats.

CU 518 SELECTION AND EVALUATION OF LEARNING MATERIAL/3 sem. hrs.

This course provides the student with experience in distinguishing among media, and in selecting, analyzing, and valuing various learning materials.

CU 519 DESIGN OF MEDIATED LEARNING MATERIALS/3 sem. hrs.

Each student is required to design valid mediated learning materials to meet specific learning objectives. The course emphasizes the integration of media technology into instructional strategies.

CU 530 MEASUREMENT AND EVALUATION OF EDUCATIONAL SYSTEMS/3 sem. hrs.

Criteria for evaluation of instructional systems and techniques for measurements are considered. Topics include analysis of objectives, planning, programming and budgeting systems, performance contracting, and accountability.

CU 545 EDUCATIONAL THEORY INTO PRACTICE/3 sem. hrs.

This course focuses on the relationship between various disciplines and educational practice. In addition, new lines of research are explored that appear to have promise for improving educational practice.

CU 643 PREPARATION OF INEXPENSIVE LEARNING MATERIALS/3 sem. hrs.

Utilizing basic techniques of illustration, mounting, lettering, coloring and duplication, the participant prepares an inexpensive set of print and static visual learning materials which may be used in the classroom to help meet specific learning objectives.

EARLY CHILDHOOD

EC 5281 WORKSHOP IN EARLY CHILDHOOD I (Theory)/3 sem. hrs.

Exploration of different early childhood model programs for young children, in-depth studies of curriculum including self-concept development, social studies experiences, activities and mathematics for early childhood programs. Must be taken concurrently with EC 5282

EC 5282 WORKSHOP IN EARLY CHILDHOOD II (Practice)/3 sem. hrs.

Application of techniques of instruction for the pre-school and kindergarten child. Observation and supervised participation in an early child setting. Must be taken concurrently with EC 5281.

EDUCATION

EDU 547 TEACHING: PRINCIPLES AND PRACTICES

Principles of effective teaching, different teaching styles, micro-teaching, techniques for teaching.

EDU 550 INTRODUCTION TO THE NATURE AND NEEDS OF THE GIFTED CHILD

This course includes basic knowledge of gifted children including characteristics, evaluation and identification procedures. It also includes fundamentals of curriculum planning, utilizing an analysis of the strengths, weaknesses and potential of the gifted.

EDU 551 EDUCATIONAL PROCEDURES FOR THE GIFTED CHILD

This course includes techniques for selecting teaching strategies matched to the needs and interests of the individual gifted child, and introduces specific strategies such as simulation, synectics, encounter, movement and role playing. It also includes lesson development techniques so that a balance between cognitive and affective areas may be achieved by the gifted child.

EDU 555 SEMINAR FOR THE GUIDANCE OF GIFTED CHILDREN

This course includes topics for discussion to assist educators working with the special needs of gifted children. Participants acquire the knowledge and skills needed to help guide gifted children in their current environment and in their future choices.

EDU 558 CLASSROOM MANAGEMENT OF THE LEARNING DISABLED CHILD

(Description to be inserted)

EDU 580 EDUCATIONAL MEASUREMENT

A study of statistical concepts, measurements, instruments, and techniques; their specific roles in education.

ELEMENTARY EDUCATION

ELE 541 CREATIVITY IN ELEMENTARY SCHOOL

The foundation and techniques of art, music, and physical education as integrated aspects of the school curriculum.

ELE 730 READING IN THE ELEMENTARY CLASSROOM/3 SEM. HRS. (See RED 730)

Participants develop an understanding of the subjects that comprise the elementary curriculum to help their pupils learn to read and to identify areas where special assistance is required. Participants learn to incorporate within their classes such topics as; various programs and approaches to reading, using readability formulas, developing reading skills, diagnosing reading difficulties, teaching decoding, grouping for instruction, assessing reading performance and evaluating reading materials, equipment and methodologies.

ENGLISH

ENG 610 MASS COMMUNICATIONS

Through this course, students explore problems in journalism, broadcasting, publishing, reporting and editing that affect communication in English.

ENG 620 DEVELOPMENTAL WRITING

In this course, participants assess their own mastery of grammar, spelling, punctuation, vocabulary, and syntax in relation to models of composition that illustrate unity, emphasis, and coherence.

ENG 630 ENGLISH WORKSHOP

Each participant is expected to synthesize from surveys of English and American literature and from relevant criticism a unique approach to English as a discipline. Such an approach should resolve a problem that the student has experienced in teaching the content of English.

EXCEPTIONALITIES

EP 5261 WORKSHOP IN LEARNING DISABILITIES THEORY

A practical introductory overview of the field of learning disability with special emphasis on curriculum, development of conceptual skills and processes in mathematics and reading and techniques for individualization based on evaluation. Must be taken concurrently with EP 5262.

EP 5262 WORKSHOP IN LEARNING DISABILITIES PRACTICE

Application of techniques of individualized instruction for the L.D. child. This course requires the demonstration and application of diagnostic and remedial skills; includes 100 contact hours and 40 hours of supervised work with L.D. children. Must be taken concurrently with EP 5261.

EP 529 EDUCATIONAL PROGRAMMING FOR THE EMOTIONALLY DISTURBED AND SOCIALLY MALADJUSTED CHILD

Curriculum and program designs and objectives for optimizing outcomes with the emotionally disturbed child.

EP 530 CLASSROOM MANAGEMENT; METHODS AND TECHNIQUES FOR THE EMOTIONALLY DISTURBED AND SOCIALLY MALADJUSTED CHILD

Beginning with the assumption that behavior is purposeful this course investigates causal factors in emotional disturbance and explores techniques for classroom management.

EP 532 PRECISION TEACHING AND BEHAVIOR MODIFICATION FOR THE EMOTIONALLY DISTURBED AND SOCIALLY MALADJUSTED CHILD

Students learn techniques for teaching the emotionally disturbed and socially maladjusted child. Competencies in behavior modification techniques is stressed including reinforcement, shaping, chaining and behavior charting, etc., is developed in conjunction with the precision teaching approach.

EP 552 CLASSROOM ORGANIZATION AND MANAGEMENT FOR THE LEARNING DISABLED CHILD

This course focuses on methods and techniques for organizing and managing a learning disability classroom learning disability resource center in a learning disability classroom.

EP 560 SURVEY OF EXCEPTIONALITIES

This course is an intensive investigation of learning disadvantages in a school situation - including intellectual exceptionalities, sensory deficits, health or development problems, emotional disturbance and language or cultural difference.

EP 571 FOUNDATIONS OF LEARNING DISABILITIES

This course is an intensive investigation of learning disability from a theoretical point of view.

EP 573 PROGRAMMING IN LEARNING DISABILITIES

This course focuses on the development of skills for individualized programming of the learning disabled child.

HUMAN BEHAVIOR

HB 501 CHILD DEVELOPMENT

This course focuses on growth and development of the child from the prenatal period through the middle child years. All facets of development are considered including physical, intellectual, social, emotional and creative.

HEALTH EDUCATION

HE 500 FOUNDATIONS OF HEALTH EDUCATION

The course offers basic principles of health education including the history of the field. Uses of educational theories and practices, concepts of positive health, motivations for health, and strategies for intervention.

HE 535 PROGRAM DEVELOPMENT, HEALTH EDUCATION I

Techniques for the management of programs in health including grants and proposal writing, program budgeting, program report writing, design and management of health education and resources and program evaluation; the prerequisite is HE 525.

HE 565 HUMAN SEXUALITY IN HEALTH EDUCATION (Tentative Title)

(Description to be inserted)

HE 570 GERONTOLOGY AND THE HEALTH EDUCATOR (Tentative Title)

(Description to be inserted)

HE 575 DRUG ABUSE IN HEALTH EDUCATION (Tentative Title)

(Description to be inserted)

LEARNING TECHNOLOGY

LT511 PRODUCTION OF INSTRUCTIONAL TELEVISION PROGRAMS/3sem. hrs.

A workshop in advanced production methods for educational television programs with student prepared productions.

LT 513 PRODUCTION OF INSTRUCTIONAL MOTION PICTURES

Hands-on experience in designing, planning, and producing educational motion pictures. Individual student productions are required.

LT 521 INNOVATIVE OPERATION OF SCHOOL MEDIA CENTERS

Students explore ways of improving the operation of media centers through the innovative use of modern technology. Each student acquires basic literacy in the use of modern technology as it relates to his/her professional role as a media specialist.

LT 522 ANALYSIS, RETRIEVAL AND DISSEMINATION OF INFORMATION

Following an examination of various techniques for the analysis, retrieval and sharing of information in a variety of formats, students attain basic proficiency in the use of modern technology to help accomplish these tasks. Each student plans a project to handle information more efficiently in a media center using a specific technique as the focus of the project.

LT 621 EFFECTIVE FUNCTIONING OF SCHOOL MEDIA CENTERS

Students examine common problems in the operation of school media centers and they explore ways to use technology to improve the effectiveness of such centers.

LT 622 USE OF MODERN TECHNOLOGY TO IMPROVE BIBLIOGRAPHIC CONTROL

Students explore currently available techniques to handle information in various formats. Each student designs a system for the efficient analysis, retrieval, and/or sharing of information commonly found in a media center.

MATH

MAT 610 SYMBOLIC LOGIC

Participants apply standard notations, methods and principles of symbolic logic to determine the validity or invalidity of arguments. Participants demonstrate successively more complex modes of argumentation.

MAT 620 ABSTRACT ALGEBRA AND NUMBER THEORY

Beginning with a thorough introduction to sets and functions, participants then develop their ability to use modern postulational methods and abstract postulational systems, using as a vehicle what is commonly known as "Abstract Algebra" and "Number Theory".

MAT 630 PROBABILITY THEORY

Participants associate probabilistic mathematical models with phenomena in the real world. They apply probability theory in deducing from the known content of the population the probable content of a sample.

PHYSICAL EDUCATION

PED 710 PROGRAMS FOR THE PHYSICALLY HANDICAPPED IN MAINSTREAMED PHYSICAL EDUCATION CLASSES/3 sem. hrs.

Through this course participants explore the different categories of the physically handicapped and the special needs and problems of these categories; attention is given to the issue of mainstreaming and the legal requirements established by current legislation. The course enables the participants to identify and evaluate suggested materials and methods for use with physically handicapped students in mainstreamed physical education classes. Examples, problems and situations appropriate to all grade levels k-12 are included in this course.

PED 740 DEVELOPING AND MAINTAINING INTRAMURAL AND VARSITY
SPORTS/ 3 sem. hrs.

This course enables participants to develop programs designed to establish a reasonable balance between intramural and varsity sports in the public schools. Sports emphasis is examined and analyzed in relation to the attitudes of students, faculty, parents, and the general public; attention is given to the special problems of financial support and the relationship of sports programs to the overall purposes of the school. Examples, problems and situations appropriate to all grade-levels k-12 are included in this course.

PED 750 PROBLEMS OF NEGLIGENCE AND LIABILITY IN PHYSICAL
EDUCATION PROGRAMS /3 sem. hrs.

Participants in this course examine the unique problems and legal consequences of negligence and liability in physical education programs. Case studies of incidents and legal actions are an integral part of the course. Course participants are asked to research and analyze the legal aspects of the problems; attention will be paid to special problems, such as those involving contact sports, field trips, co-educational sports programs, and the mainstreams of the physically handicapped in physical education programs. Examples, problems and situations appropriate to all grade levels K-12 are included in this course.

READING

RED 500 TECHNIQUES OF CORRECTIVE OR REMEDIAL READING

This course includes the development and use of informal diagnostic procedures, organization of small group and individualized reading instruction and evaluation of remedial reading techniques and materials.

RED 5271 READING SUPERVISION AND CURRICULUM DEVELOPMENT I
(Theory)

This workshop is designed for reading majors as a culminating integrated experience. Emphasis is on the development of an individualized reading curriculum. Must be taken with RED 5272.

RED 5272 READING SUPERVISION AND CURRICULUM DEVELOPMENT II (Practice)

This workshop emphasizes the application and supervision of an individualized reading curriculum in the classroom. Must be taken with RED 5271.

RED 554 ASSESSMENT IN READING

This course familiarizes the student with a variety of techniques both formal and informal for assessing reading level, diagnosing reading disability, and measuring achievement. Techniques for assessing reading level and readability are explored. Prerequisite: EDU 580 or equivalent.

RED 570 THE READING PROCESS

This course examines reading models, sub-skills, and theories and explores the theoretical basis for different reading systems.

RED 750 LITERATURE FOR CHILDREN AND ADOLESCENTS / 3 sem. hrs.

Students become acquainted with the literature available for children in the various media of communication and develop and practice techniques for introducing literature to children and adolescents. Participants analyze children's literature on the basis of literary style, patterns of organization, reading level and the needs and interests of children. Participants develop skills for broadening children's understanding of literature in specific content areas.

SCIENCE

SCI 610 CURRENT ISSUES IN ENERGY AND ECOLOGY (Tentative Title)

SCI 620 BIOLOGY AND THE ENVIRONMENT (Tentative Title)

SCI 630 SCIENCE AND SOCIETY: ISSUES FOR THE EIGHTIES
(Tentative Title)

SOCIAL STUDIES

SST 610 (To Be Developed)

SST 620 (To Be Developed)

SST 630 (To Be Developed)

