

EDUC 300 Curriculum Development and Analysis (3 credits)

Principles of curriculum development and techniques to analyze and select curricula that is appropriate to stated goals and objectives. Focus is on the Omani curriculum at its various stages. *Prerequisite: EDUC 320.*

EDUC 303 School Visit and Classroom Observation (3 credits)

Visiting schools and getting acquainted with various aspects of school organization, structure, administration, teachers' duties, and the relationship between teachers and administrators. Students will be distributed in groups according to their area of specialization. *Prerequisite: One Methods Course.*

EDUC 305 Approaches to Integration in Education (3 credits)

Approaches to the integrated curriculum and construction of integrated thematic units. Building, analyzing, and critiquing models of integration are emphasized. Developing interdisciplinary units of learning; involving parents and community; communicating effectively with children within their unique stages of development.

EDUC 310 Visual Arts Education (3 credits)

Teaching visual art in the elementary school with focus on the techniques of teaching painting, drawing, paste modeling, and constructing visual products out of various media. Focus is on leading children to develop their creative thinking. The course includes observation and practice in actual classrooms.

EDUC 320 Instructional Methods and Strategies (3 credits)

Exploration of known strategies and techniques of teaching, and learning. Essential teaching skills with focus on developing thinking abilities. Discussing the most commonly known theories and models such as Social Interaction Model, the Inductive Model, the Problem based Learning, Cooperative Learning, and Direct-Instruction Model. *Prerequisite: EDUC 150.*

EDUC 350A Methods of Teaching English as a Second Language at the Elementary and Intermediate Levels (Grades 1-10) I (3 credits), 2.2

Theoretical background and supervised teaching of English as a foreign language at the elementary and intermediate levels. Focus is on developing competencies in material development, instructional planning, classroom management, and methodology of teaching English as a foreign language in the elementary school. The course includes observation and application of these competencies in field settings. Micro teaching is an integral component. *Prerequisite or co-requisite: EDUC 320.*

EDUC 350B Methods of Teaching Mathematics at the Elementary and Intermediate Levels (Grades 1-10) I (3 credits), 2.2

Technologies (ICT), evaluating the effectiveness of educational software, integrating the Internet in teaching, and developing basic educational applications such as digital presentations and educational websites.

EDUC 370 Learning Difficulties (3 credits)

The basic concept and the foundations of classifying learning difficulties from biological and cognitive points of views. Focus is on the most common learning difficulties in the classroom such as speech irregularities and difficulties in writing and self expression.

EDUC 400 Professional Development in Education (3 credits)

Models of professional development in educational settings. Topics include theories of professional development in education, continuous improvement in teaching, expanded leadership roles for all teachers, providing peer assistance, and supervision for professional growth. Designing and evaluating a professional development plan.

**EDUC 410A Methods of Teaching English as Second (3 credits), 2.2
Language at the Elementary and
Intermediate Levels (Grades 1-10) II**

A further development of the methods of teaching English as a second language at the elementary and intermediate levels that were studied in EDUC 350A. Focus is on curriculum analysis and the selection and evaluation of relevant textbooks and other support materials including computer software, and audio- visual materials. *Prerequisite: EDUC 350A.*

**EDUC 410B Methods of Teaching Mathematics at the (3 credits), 2.2
Elementary and Intermediate Levels
(Grades 1-10) II**

A further development of the methods of teaching mathematics at the elementary and intermediate levels that were studied in EDUC 350B. Focus is on curriculum analysis and the selection and evaluation of relevant textbooks and other support materials including computer software, and audio-visual materials. *Prerequisite: EDUC 350B.*

**EDUC 410C Methods of Teaching Science at the (3 credits), 2.2
Elementary and Intermediate Levels
(Grades 1-10) II**

A further development of the methods of teaching science at the elementary and intermediate levels that were studied in EDUC 350C. Focus is on curriculum analysis and the selection and evaluation of relevant textbooks and other support materials including computer software, and audio-visual materials. *Prerequisite: EDUC 350C.*

**EDUC 410D Methods of Teaching Information (3 credits), 2.2
Technology at the Elementary and
Intermediate Levels (Grades 1-10) II**

A further development of the methods of teaching Information Technology at the elementary and intermediate levels that were studied in EDUC 350C. Focus is on curriculum analysis and the selection and evaluation of relevant textbooks and other support materials including computer software, and audio-visual materials.
Prerequisite: EDUC 350D.

EDUC 420 Introduction to Research Methodology in Education (3 credits)

The importance of research in education. The basic qualitative and quantitative research methods that are suitable to education. Classroom-based research (Action Research) and its importance in improving classroom practices. The basic data collection techniques. Data types and basic data analysis techniques including frequency distributions, cross-tabulations, correlation, and hypothesis testing.

EDUC 425 Foundations of Health Education (3 credits)

The foundation for improving health through modification of daily habits. Analysis of nutrition, exercise, and environmental health is emphasized. The characteristics of a healthy environment and health curriculum in schools.

EDUC 430 Educational Administration and Classroom Management (3 credits)

The school structure and its relationship with central educational administration. Educational supervision and leadership with focus on the Omani environment in light of some international experiences. Classroom management and teacher relationship with the school administration.

EDUC 440A Methods of Assessing Learning of English as a Second Language at the Elementary and Intermediate Levels (Grades 1-10) (3 credits), 2.2

Principles and procedures of assessment of learning English as a second language at the elementary and intermediate levels. Focus is on types of test items such as multiple choice, fill-in the blank, true and false, short answers, and essays in norm- and criterion referenced assessment; standardized tests and how to construct and administer tests. In addition, the course covers observation techniques, performance measures and alignment of assessment and instruction along with related current issues and controversies. Prerequisite: EDUC 320.

EDUC 440B Methods of Assessing Learning of Mathematics at the Elementary and Intermediate Levels (Grades 1-10) (3 credits), 2.2

Principles and procedures of assessment of learning mathematics at the intermediate level. Focus is on types of test items such as multiple choice, fill-in the blank, true and false, short answers, and essays in norm- and criterion-referenced assessment; standardized tests and how to construct and administer tests. In addition, the course covers observation techniques, performance

measures and alignment of assessment and instruction along with related current issues and controversies. *Prerequisite: EDUC 320.*

**EDUC 440C Methods of Assessing Learning of Science at (3 credits), 2.2
the Elementary and Intermediate Levels
(Grades 1-10)**

Principles and procedures of assessment of learning science at the intermediate level. Focus is on types of test items such as multiple choice, fill-in the blank, true and false, short answers, and essays in norm- and criterion-referenced assessment; standardized tests and how to construct and administer tests. In addition, the course covers observation techniques, performance measures and alignment of assessment and instruction along with related current issues and controversies. *Prerequisite: EDUC 320.*

**EDUC 440D Methods of Assessing Learning of (3 credits), 2.2
Information Technology at the Elementary
and Intermediate Levels (Grades 1-10)**

Principles and procedures of assessment of learning Information Technology at the elementary and intermediate levels. Focus is on types of test items such as multiple choice, fill-in the blank, true and false, short answers, and essays in norm- and criterion-referenced assessment; standardized tests and how to construct and administer tests. In addition, the course covers observation techniques, performance measures and alignment of assessment and instruction along with related current issues and controversies. *Prerequisite: EDUC 320.*

EDUC 460 Senior Seminar: Issues in Education (3 credits)

A seminar intended for majors in elementary education focusing on one or more current issues in elementary education. *Senior Standing.*

**EDUC 485A Practicum in Teaching English as at the (6 credits), 2.10
Elementary and Intermediate Levels
(Grades 1-10)**

Experience in classroom settings under the supervision of university instructors and cooperating school teachers. *Prerequisite: EDUC 410A*

**EDUC 485B Practicum in Teaching Mathematics at the (6 credits), 2.10
Elementary and Intermediate Levels
(Grades 1-10)**

Experience in classroom settings under the supervision of university instructors and cooperating school teachers. *Prerequisite: EDUC 410B*

**EDUC 485C Practicum in Teaching Science at the (6 credits), 2.10
Elementary and Intermediate Levels
(Grades 1-10)**

