

Al-Hussein Bin Talal University
College of education
Department of Curriculum and Instruction

Course Descriptions Educational Diploma in Educational Technology

Course Number	Course Name and Description	Credit hours
Required Courses		
0103511	Introduction to Educational Technology: This Course considers the educational technology concept, its historical development, psychology and philosophical basic that it depend on, the relationship between educational technology and systematic-approach orientation, educational communicational aids. New teacher's role in educational technology field.	3
0103512	Programming Basis: This course is an introduction to programming concepts through using visual basic. Students should be able to apply the variable concepts, conditional statements, loops, functions and sequences to develop projects related to teaching.	3
0103513	Instructional Computer Programs Production: This Course aims to acquire students' skills of creating computerized educational programs through using Multimedia (Texts, graphics, animate graphics, audio, animation). Mainly Simulation programs through using Macromedia Flash, Mainly the workspace components of Flash. The students are expected to be at to develop educational projects through using Flash by the end of this course.	3
0103521	Strategies of Learning and Teaching: This course aims to review the psychological theories foundations of learning strategies, wide understanding of cognitive and meta-cognitive strategies application how to organize the content and learning management strategies and small groups and communication competencies.	3
0103514	Portfolio and Graduation Project : This course aims at improving the student's skills in designing, developing and producing educational and training experiences reflecting the abilities and skills that the student acquired through his study. That can be achieved through conducting scientifically problem-solving field study, developing or designing a computerized educational or training program or in one of the techniques he / she studied before the students should be able to produce his own portfolio by setting his curriculum vitae and other educational projects he / she developed through his year of study.	3
Elective Courses		

010351 8	Instructional Design Models Applications: This course discusses behavior and cognitive cores on which the up – date Instructional Design Models and the instructional components rely. The course aims at enriching students with practical skills for Instructional Design and using the systematic-approach. The course also enrich students with efficiencies and criterion that qualified them to design educational situations, its application, evaluation and practicing them. The course discusses the instructional Design Models such as :ADDIE, ASSURE, CVU Model, Dick and Carey Model and Kemp Model.	3
010351 7	Design and Production of Instructional Aids : This course discusses the concepts of educational communicational its components, fundamental aids, visual instructional aids, audio-visual instructional aids, through their characteristics, its relation with educational technology, its role in education, perception and communication effect in designing instructional materials through its different types. In the practical domain, the course discusses the basics of designing instructional materials, practical application in producing and using instructional material in different fields of study but focusing on using computer.	3
010351 6	Web Pages Design: This Course is an introduction Internet Technology Designing through using Visual Script & HTML in addition to Plat forms and discussion groups.	3
010351 5	E-Learning: This course aims at experiencing the different types of Instructional Management System (IMS) from the subject, interaction, drills practices. For example : Course Management System (CMS), Learning Management System (LMS), Learning Content Management System (CMS), E-Learning Platform and Portal of Education	3

