

Department of Educational Technology

Master of Art in Education

Instructional Technology

Introduction

Information technology (IT) has been developed mainly after inventing World Wide Web and the release of the Internet during the last decade of the last century, which positively affected all the fields of human life, including education, which began to integrate instructional technology into educational environment, such as, learning, teaching, and administrative work.

The applications of IT technologies include electronic distance learning, multimedia, educational websites, etc. Needless to say, that are wise application of IT in education, depends on sound application of pedagogical principles which are derived from related theories. in this regard, instructional design comes first as a vital rule for producing educational software and websites, as well as, planning and evaluating the integration of instructional technology into the educational processes. Due to the expected roles of the Instructional Technology Departments in the College of Education at the King Saud University regarding the purpose of providing graduate studies which prestigious international universities, it developed its program based on reviewing similar programs at well known international universities and educational technology organizations.

Objectives and philosophy of the Master:

Instructional technology concentrates on following up the latest developments in the field of learning and teaching especially integrating modern technologies into the field of education and training in both private and public sectors. Because of the increased demand for utilizing of instructional technology in Saudi Arabia, and to meet the demand of teachers and trainers to develop their skills and knowledge in the field of instructional technology, this updated program has been developed.

Program objectives:

The program aims at achieving the following objectives:

1. To prepare manpower capable of integrating instructional technology into distance learning and training in both private and public sectors.
2. To develop knowledge and skills of learners and trainees in the field of designing, developing, producing and evaluating educational software and websites based on educational and scientific methods.

3. To qualify technical leadership capable of integrating instructional technology into educational environment, which in turn contribute to developing education and academic research as well as to acquire skills in utilizing information technology
4. To prepare leaders in the field of instructional technology that are able to adopt technology planning, and follow up with the technical advancement in education field.
5. To prepare graduate that are able to employ the international specifications and standards in the field of designing educational software and websites.
6. To prepare manpower that are able to evaluate educational software and websites based on international standards.
7. Developing distance learning and training literacy via modern technologies in the society through providing life long learning, as well as, learning and training programs.
8. Supporting the expansion of applying theoretical and technical bases in developing education and academic research.

Admission Conditions

To stand with all the listed conditions and terms of the graduate studies, the department imposes the following conditions:

1. The student should obtain bachelor degree with grade of very good.
2. To pass the writing examination assigned by the department.
3. To pass the interview assigned by the department. Or any condition will be added to improve quality of the department in the future.

Program Plans:

The program is composed of two plans: Plan A and plan B. the student can chose one of them:

Plan A

Thesis option: this plan requires (37) credit hours and writing master thesis with (6) credit hours. The total graduation requirements is (43) credit hours.

Plan B

Courses option: this plan require (37) credit hours, and complete graduation project with (3) credit hours. The total graduation requirement is (40) credit hours.

Prerequisite Courses

A student who is not graduated from a college of education must take these courses:

No.	Course Number	Course Name	Units
1.	ITE 241	Information and Communications Technology	2
2.	ITE 250	Instructional Technology Production	2
3.	PSY221	Educational Psychology	3

Program Courses

It includes many courses from various departments as followed:

Instructional Technology Courses

No.	Course	Course Name	Units
1.	ITE 501	Foundations of Instructional Technology	2
2.	ITE 502	Educational Communications	2
3.	ITE 507	Electronic Distance Learning	2
4.	ITE 510	Instructional Design and Development of Instructional and Training Programs	2
5.	ITE 515	Computer in Instruction	2
6.	ITE 520	Integrating Information Technology into Learning Environment.	2
7.	ITE 535	Production of Digital Multimedia	
8.	ITE 555	Evaluation of Instructional Digital Resources	2
9.	ITE 560	Management of Learning Resources Centers	2
10.	ITE 575	Independent Study	2
11.	ITE 570	Diffusion and Adoption of Instructional Innovations	2
12.	ITE 600	Thesis	6
Total Units			28

Elective Courses

Student must choose one of these courses:

No.	Course	Course Name	Units
1.	ITE 525	Digital Photos Technology	3
2.	ARED 510	Design and Advertising	3

Core Courses from Another Departments

Psychology Department:

No.	Course	Course Name	Units
1.	PSY 502	Research Methods and Experiments	3
2.	PSY 503	Educational Statistics	3

Curriculum & Instruction Department:

No.	Course	Course Name	Units
1.	CI 500	Curriculum Foundations	3

Educational Department:

No.	Course	Course Name	Units
1.	EDU 500	Philosophy and Social Basis of Education	3

The Study Plans

Summary of Option (A)

Department	Unites
Core Courses	
Instructional Technology Department	28
Psychology Department	6
Educational Department	3
Curriculum & Instruction Department	3
Elective Courses	
Students can choose one of these:	
Instructional Technology Department	3
Art Education Department	3
Thesis	3
Total Unites	43

Plan (A): Thesis Option

First Semester

No.	Course Number	Course Title	Units
1.	ITE 501	Foundations of Instructional Technology	2
2.	ITE 502	Educational Communications	2
3.	PSY 502	Research Methods and Experiments	3
4.	CI 500	Curriculum Foundations	3
5.	EDU 500	Philosophy and Social Basis of Education	3
Total Credit Units			13

Second Semester

No.	Course Number	Course Title	Units
1.	ITE 507	Electronic Distance Learning	2
2.	ITE 510	Instructional Design and Development of Instructional and Training Programs	2
3.	PSY 503	Educational Statistics	3
4.		Elective Course	3
Total Credit Units			10

Third Semester

No.	Course Number	Course Title	Units
1.	ITE 515	Computer in Instruction	2
2.	ITE 520	Integrating Information Technology into Learning Environment.	2
3.	ITE 535	Production of Digital Multimedia	2
4.	ITE 575	Independent Study	2
Total Credit Units			8

Fourth Semester

No.	Course Number	Course Title	Units
1.	ITE 555	Evaluation of Instructional Digital Resources	
2.	ITE 560	Management of Learning Resources Centers	2
3.	ITE 570	Diffusion and Adoption of Instructional Innovations	2
Total Credit Units			6

Fifth Semester

No.	Course Number	Course Title	Units
1.	ITE 600	Thesis	6
Total Credit Units			6

Plan (B): Courses Option

The Study Plans

Summary of Option (A)

Department	Unites
Core Courses	
Instructional Technology Department	22
Psychology Department	6
Education Department	3
Curriculum & Instruction Department	3
Elective Courses	
Students can choose one of these:	
Instructional Technology Department	3
Art Education	3

Project	3
Total Units	40

Plan (B): Courses Option

First Semester

No.	Course Number	Course Title	Units
6.	ITE 501	Foundations of Instructional Technology	2
7.	ITE 502	Educational Communications	2
8.	PSY 502	Research Methods and Experiments	3
9.	CI 500	Curriculum Foundations	3
10.	EDU 500	Philosophy and Social Basis of Education	3
Total Credit Units			13

Second Semester

No.	Course Number	Course Title	Units
5.	ITE 507	Electronic Distance Learning	2
6.	ITE 510	Instructional Design and Development of Instructional and Training Programs	2
7.	PSY 503	Educational Statistics	3
8.		Elective Course	3
Total Credit Units			10

Third Semester

No.	Course Number	Course Title	Units
5.	ITE 515	Computer in Instruction	2
6.	ITE 520	Integrating Information Technology into Learning Environment.	2
7.	ITE 535	Production of Digital Multimedia	2
8.	ITE 560	Management of Learning Resources Centers	2
9.	ITE 575	Independent Study	2
Total Credit Units			10

Fourth Semester

No.	Course Number	Course Title	Units
4.			2
5.	ITE 555	Evaluation of Instructional Digital Resources	
6.	ITE 570	Diffusion and Adoption of Instructional Innovations	2
7.	ITE 580	Project	3
Total Credit Units			7