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## Special Education Diploma (Mental Giftedness)

Course number and Code	Level One	Credit Hours	Course number and Code	Level Two	Credit Hours
١٤٥٠ KAS	An Introduction to Special Education	٣	١٢٢١ NAFS	Educational Psychology	٢
١٤٥١ KAS	Diagnosis and Evaluation	٣	١٤٩٢ KAS	The Mentally Gifted and the Talented Educational Programs	٣
١٤٥٢ KAS	Principles of Behavior Adjustment and their Applications	٢	١٤٩٣ KAS	Creative Skills and Special Talents Development Programs	٣

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١١٠٤ NAFS	Child and Adolescent Psychology	٣	١٤٩٤ KAS	Field Training in Mental Giftedness and Special Talents	٦
١٤٩٠ KAS	An Introduction to Mental Giftedness and Special Talents	٢			
١٤٩١ KAS	Methods of Identifying the Mentally Gifted and the Talented	٣			
Total		١٦	Total		١٤

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## **Special Education Diploma**

### **(Mental Giftedness)**

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**Course Title:** An Introduction to Special Education

**Course Number:** ١٤٥٠

**Course Code:** KAS

**Credit Hours:** ٣ (theoretical)

**Level:** One

### **Course Objectives**

The course aims at acquainting the students with the historical progress in the development of special education. Such a progress is crucial to the latter's theoretical and practical dimensions. The course is also geared to teach the students the concepts of "special education" and "exceptional children" and the relationship between them. The course outlines major types of disabilities such as mental retardation, visual, auditory and physical disabilities, emotional and behavioral disorders, learning and speech difficulties with special focus on the potential origins of these disabilities and the various methods of dealing with each one of them. In addition, the course aims at teaching the students recent trends in the education of abnormal children.

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### Course Content

١. The concepts of “special education” and “exceptional children”
٢. The origins and development of special education with emphasis on the pioneering figures and their efforts and achievements in the field
٣. Mental retardation: Definitions, causes, types, features of each type, diagnosis and the treatment methods for each respective type
٤. Auditory processing disorder: Definitions, causes, types, features of each type, diagnosis and the treatment methods for each respective type
٥. Visual processing disorder: Definitions, causes, types, features of each type, diagnosis and the treatment methods for each respective type
٦. Learning difficulties: Definitions, types, features of each type, methods of identifying and treating them

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- ٧. Physical disability: Types, definitions, features of each type, diagnosis and the treatment methods for each respective type
- ٨. Communication disorders: Definitions, types, features of each type, diagnosis and the treatment methods for each respective type
- ٩. Autism: Definition, causes, features, diagnosis and treatment methods
- ١٠. Emotional and behavioral disorders: Definitions, types, features of each type, diagnosis and the treatment methods for each respective type
- ١١. Multiple disabilities: Definition, causes, types, features of each type, diagnosis and the treatment methods for each respective type

### Main References

- ١. Al Qaryouti, Youssef, Sartawi Abdelaziz & Jameel Samadi (١٩٩٨). *An Introduction to Special Education*. Dar Al Qalam for Publication. Dubai, UAE.
- ٢. Al Rousan, Farouq (٢٠٠٥). *The Psychology of Abnormal Children: An Introduction to Special Education*. Cooperative Printing Association. Amman, Jordan.

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٣. Jaber, Jaber Abdelhameed (٢٠٠١). *Features of Special-Need School Children and their Education Strategies* (trans.). Dar Al Fikr Al Arabi, Cairo.

٤. Abderraheem, Fathi Al Sayed (١٩٨٢). *The Psychology of Abnormal Children*. Dar Al Qalam, Kuwait.

٥. Al Qareeti, Abdelmuttaleb (٢٠٠٥). *The Psychology of Special-Need Individuals*

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**Course Title:** Diagnosis and Evaluation

**Course Number:** ١٤٥١

**Course Code:** KAS

**Credit Hours:** ٣ (theoretical)

**Level:** One

### Course Objectives

١. Teaching the students the basic skills and concepts related to the evaluation process
٢. Acquainting the students with the theoretical framework of the evaluation process
٣. Acquainting the students with the conditions necessary for the application of evaluation methods, the interpretation of their results and their use in making appropriate educational decisions

### Course Content

١. The basic concepts related to the evaluation process



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٢. The various evaluation methods: Their features and uses
٣. The ability to apply formal and non-formal evaluation methods
٤. Using basic statistical concepts in the evaluation process
٥. Interpreting evaluation methods results
٦. The proper implementation of evaluation methods results in the making of educational decisions
٧. Special considerations in the evaluation of the various disability cases

#### Main References

١. Al Sartawi, Abdelaziz & Zaidan (١٩٨٨). *Evaluation in Special Education* (trans.). The Golden Pages Bookstore, Riyadh.
٢. Al Rousan, Farouq (١٩٩٦). *Measurement and Diagnosis Methods in Special Education*. Dar Al Fikr for Printing and Publication. Amman, Jordan.

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**Course Title:** Principles of Behavior Adjustment and their Applications

**Course Number:** ١٤٥٢

**Course Code:** KAS

**Credit Hours:** ٢ (theoretical)

**Level:** One

### **Course Objectives**

The course aims at acquainting the students with the concept of “behavior adjustment”, its historical and theoretical backgrounds, with special focus on the use of the various behavior adjustment methods regarding normal as well as exceptional individuals. This is geared to help obtain, enhance or adjust the desired/undesirable behavior, to help utilize technology in the designing, implementation and evaluation of behavior adjustment and formation programs (for instance computer programs, etc.)

### **Course Content**

١. The concept of “behavior adjustment”: Its origins and development
٢. The basic principles of behavior adjustment (a glance at the history)

٣. The basic steps of the behavior adjustment process
٤. Definition and identification of target behavior
٥. Behavior measurement
٦. Ways of maximizing desired behavior
٧. Teaching new patterns of behavior
٨. minimizing undesirable behavior
٩. Behavioral contracting and code of ethics enhancement programs
١٠. The use and importance of graphs
١١. The use of computer in behavior adjustment programs
١٢. The Ethics of behavior adjustment

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### Main References

١. Al Khateeb, Jamal Mohamad (١٩٩٣). *Behavior Adjustment of Disabled Children: A Parents' and Teachers' Guide*. Dar Ishraq for Publication. Amman, Jordan.
٢. Al Khateeb, Jamal Mohamad (١٩٩٠). *Behavior Adjustment: Laws and Regulations*. The Golden Pages Bookstore, Riyadh.
٣. Al Dakheel, Abu Homeidan (١٩٩٣). *A Practical Guide to Solve Pre-school Behavior Problems*. The G.C.C. Arab Education Bureau. Riyadh.
٤. Al Rousan, Farouq (٢٠٠٠). *Adjusting and Forming Human Behavior*. Dar Al Fikr for Printing and Publication. Amman, Jordan.
٥. Wolery, M., Balley, & Sugai, G.M. (١٩٨٨). *Effective Teaching Principles and Procedures of Applied Behavior Analysis with Exceptional Students*. Boston: Allyn & Bacon Inc.

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**Course Title:** Child and Adolescent Psychology

**Course Number:** ١١٠٤

**Course Code:** NAFS

**Credit Hours:** ٣ (theoretical)

**Level:** One

### **Course Objectives**

The course aims at acquainting the students with the features of the child development stages from the pre-natal stage up until the end of adolescence with special focus on the different growth aspects which include physical, mental, emotional and social developments.

### **Course Content**

- An introduction to Developmental Psychology and its importance
- Scientific methods for the study of child development
- Factors affecting child development
- Child development stages (pre-natal, nursing, early childhood, mid childhood, late childhood and adolescence)

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Al Mufadda, Omar Abderrahman (١٤٢٣). *Life Stages Psychology*. Dar Tayba  
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**Course Title:** An Introduction to Mental Giftedness and Special Talents

**Course Number:** ١٤٩٠

**Course Code:** KAS

**Credit Hours:** ٣ (theoretical)

**Level:** One

### **Course Objectives**

The course aims at providing the students with a historical background on “Mental Giftedness and Talents” in terms of the changes that have occurred at the level of concepts in the light of the different scientific studies conducted in this respect. The course is also geared to highlight the importance of mental giftedness and talents in society and present certain scientific perspectives on the subject, such as the Gilford and Torrance theories, as well as common methods in gifted education.

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**Course Title:** Methods of Identifying the Mentally Gifted and the Talented

**Course Number:** ١٤٩١

**Course Code:** KAS

**Credit Hours:** ٣ (theoretical)

**Level:** One

### **Course Objectives**

The course aims at providing the students with background information on the efforts undertaken by scholars in the development of measurement and identification methods and tools with respect to the mentally gifted in the light of the general mental measurement theory. The course is also geared to present a survey of the most recent measurement, diagnosis and identification methods, whether objective or projective in the knowledge and non-knowledge fields and the extent to which they can be beneficial to the learner, in addition to training the students on the use, application, correction, discussion and explanation of such tools.



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**Course Title:** Educational Psychology

**Course Number:** ١٢٢٢

**Course Code:** NAFS

**Credit Hours:** ٢ (theoretical)

**Level:** Two

### **Course Objectives**

This course aims at equipping the students with the psychological knowledge required by the educational process in all its aspects. It is also geared to familiarize them with the psychological principles of the teaching / learning processes

### **Course Content**

١. Definition of educational psychology: Its position among the various branches of psychology as well as among the other educational sciences
٢. Educational goals: Their classification and identification as well as their rapport with each of the following:
  - Evaluation
  - Individual differences among students
  - Processes of learning and acquisition

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٣. Development: The principles of the development process; the various stages of development
٤. Behavior: causes; emotional reactions; orientations
٥. The psychological principles of the learning process: Principles of good learning; memorizing and forgetting; remembering and learning; the principles of teaching and their applications inside the classroom
٦. Individual differences: Definition; the definition of “personality”; types of personality changes; educational goals and the development of the various personality aspects; intelligence and its measurement
٧. Evaluating educational outcomes: The evaluation process; evaluation and the educational goals; evaluation and the learning and development processes; evaluating students’ acquisition with emphasis on the definition of educational goals and their identification as well as setting the standards for the elaboration of the tests made by the teacher in class; presenting all types of achievement tests and highlighting their advantages, disadvantages and the methods for their preparation

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٢. Abu Hattab, Fouad and Amel Sadiq (١٩٨٥). *Educational Psychology.* Anglo-  
Egyptian Library. Cairo.
٣. Mohamad Khairi, Al sayed et al. (no date). *Educational Psychology: Principles  
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**Course Title:** The Mentally Gifted and the Talented Educational Programs

**Course Number:** ١٤٩٢

**Course Code:** KAS

**Credit Hours:** ٣ (theoretical)

**Level:** Two

### Course Objectives

This course is aimed at achieving the following objectives:

١. Providing the students with information on the historical development of theories in the education of the mentally gifted and on their advantages and disadvantages
٢. Familiarizing the students with educational programs for the mentally gifted and with the different views in this respect
٣. Outlining the procedures for training gifted education teachers
٤. Studying gifted education requirements at home and in society

### References

١. Al Shakhs, Abdelaziz & Zaydan A. Sartawi (١٩٩٩). *Educating Gifted and Talented Children in Ordinary Schools*. Dar Al Kitab Al Jamii. Al Ain.

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٢. Souleiman, Ali Al Sayed (٢٠٠١). *Educating Minds*. The Golden Pages Bookstore.

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**Course Title:** Creative Skills and Special Talents Development Programs

**Course Number:** ١٤٩٣

**Course Code:** KAS

**Credit Hours:** ٣ (theoretical)

**Level:** Two

### **Course Objectives**

This course aims at familiarizing the students with the different programs and methods utilized in the development of creative skills and special talents among children such as training in problem solving and imagination stimulation, the role of art and recreation, and freeing the self from the fetters of thinking in this respect.

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**Course Title:** Field Training in Mental Giftedness and Special Talents

**Course Number:** ١٤٩٤

**Course Code:** KAS

**Credit Hours:** ٦ (theoretical)

**Level:** Two

### **Course Objectives**

This course aims at training the students to apply a variety of educational principles, strategies and theories that would enhance the learning process by means of utilizing a number of methods, programs and tools and presenting solutions, suggestions and convenient alternatives for gifted children. The course is also geared to train the students to identify mentally gifted and talented children by utilizing appropriate testing procedures and psychological criteria.