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المملكة العربية السعودية  
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 برنامج العلوم الإدارية والإنسانية

## Special Education Diploma (Learning Difficulties)

Course number and Code	Level One	Credit Hours	Course number and Code	Level Two	Credit Hours
١٤٥٠ KAS	An Introduction to Special Education	٣	١٢٢٢ NAFS	Educational Psychology	٢
١٤٥١ KAS	Diagnosis and Evaluation	٣	١٤٨٢ KAS	Special Reading and Writing Difficulties	٣
١٤٥٢ KAS	Principles of Behavior Adjustment and their Applications	٢	١٤٨٣ KAS	Teaching Methods for Individuals with Learning Difficulties	٣
١١٠٤ NAFS	Child and Adolescent Psychology	٣	١٤٨٤ KAS	Field Training in Learning Difficulties	٦
١٤٨٠ KAS	An Introduction to Learning Difficulties	٢			
١٤٨١ KAS	Developmental Learning Difficulties	٣			
Total		١٦	Total		١٤

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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 frameworks. 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 causes 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
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

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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 Pubdlication. Dubai, UAE.
٢. Al Rousan, Farouq (٢٠٠٥). *The Psychology of Abnormal Children: An Introduction to Special Education*. Cooperative Printing Association. Amman, Jordan.
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

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### Course Content

١. The basic concepts related to the evaluation process
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 evaluation and diagnosis team (definition and functions)
٧. The proper use of evaluation methods results in the making of educational decisions
٨. 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 in order to obtain, enhance or adjust the desired/undesirable behavior, to 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



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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 student with the features of the child development stages from pre-birth 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 on 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 (١٤٢٢). *Life Stages Psychology*. Dar Tayba  
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**Course Title:** An Introduction to Learning Difficulties

**Course Number:** ١٤٨٠

**Course Code:** KAS

**Credit Hours:** ٢ (theoretical)

**Level:** One

### **Course Objectives**

This course aims at introducing the students to the field of learning difficulties and the major events that led to its existence and to the development of its concept. The course also features a number of definitions on the subject, a monitoring of its historical phases and the scientists' contributions following the same patterns for other learning handicaps.

### **Course Content**

١. The concept of "learning difficulties": Definitions and characteristics
٢. The developments within the field of learning difficulties
٣. The scientists' and scholars contributions to the birth of the field

6. Causes of learning  
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difficulties  
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٥. The criteria for the discovery of students with learning difficulties
٦. Assessment and diagnosis of learning difficulties
٧. The size of the existence of learning difficulties among elementary school children
٨. The characteristics and needs of individuals with learning difficulties (including the physical, health, growth, psychological, intellectual and academic needs)

## References

١. Sartawi, Zaydan Ahmed et al. (٢٠٠١). *An Introduction to Learning Difficulties*. Arab Academy for Special Education. Riyadh.
٢. Sartawi, Zaydan Ahmed & Abdelaziz (١٩٨٤). *Academic and Developmental Learning Difficulties* (trans.). The Golden Pages Bookstore. Riyadh.
٣. Souleiman, Sayed Abdelhamid (٢٠٠٠). *Learning Difficulties: Its History, Concept, Diagnosis and Treatment*. Dar Al Fikr Al Arabi. Cairo.
٤. Domati, Abdelghaffar Abdelhakeem (٢٠٠٤). *Learning Difficulties in the Light of Contemporary Research and Studies*. Educational Research Center at the College of Education, King Saud University. Riyadh.

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**Course Title:** Developmental Learning Difficulties

**Course Number:** ١٤٨١

**Course Code:** KAS

**Credit Hours:** ٣ (theoretical)

**Level:** One

### **Course Objectives**

The Course aims at achieving the following objectives:

١. Introducing the students to the concept of “developmental learning difficulties” among pre-elementary school children. These include movement, intellectual, social and emotional difficulties)
٢. Teaching the students with the various means of discovering and dealing with such difficulties
٣. Teaching the students educational methods of treatment that can help such students overcome their difficulties or mitigate the severity of their repercussions

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### Course Content

١. The concept of “developmental difficulties”
٢. The rapport between developmental and academic learning difficulties
٣. Types of developmental difficulties: definition of each type, its classification and the means of its discovery, assessment and evaluation
  - Attention deficit disorder
  - Memory disorder
  - Cognitive deficiency
  - Thinking disorder
  - Oral language disorder

### References

١. Sartawi, Zaydan Ahmed & Abdelaziz (١٩٨٤). *Academic and Developmental Learning Difficulties* (trans.). The Golden Pages Bookstore. Riyadh.
٢. Sartawi, Zaydan Ahmed et al. (٢٠٠١). *An Introduction to Learning Difficulties*. Arab Academy for Special Education. Riyadh.
٣. Domati, Abdelghaffar Abdelhakeem (٢٠٠٦). *Learning Difficulties in the Light of Theories*. Dar Al Zahra. Riyadh



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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

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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١. Adas, Abderrahman (١٩٩٩). *Educational Psychology: A Contemporary Glanc.* Dar Al Fikr for Printing and Publication. Amman, Jordan.
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 and Applications.* Riyadh University.

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**Course Title:** Special Reading and Writing Difficulties

**Course Number:** ١٤٨٢

**Course Code:** KAS

**Credit Hours:** ٣ (theoretical)

**Level:** Two

### Course Objectives

This course is geared to introduce the students to the natures of reading and writing, the existing rapport between them and the aspects of learning difficulties in each one of them. The course also aims at teaching the students the various methods of assessing and diagnosing such difficulties as well as the treatment programs and methods that could help treat and rectify them.

### Course Content

١. Types of reading
٢. The developmental stages in the process of learning reading
٣. Assessment and diagnosis of reading difficulties:
  - a. The goal and nature of the evaluation process
  - b. The informal assessment of reading abilities

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- c. The formal assessment of the reading behavior
- ξ. Factors in favor of reading learning difficulties
- ϑ. Treatment methods for reading learning difficulties
- ϒ. Factors in favor of writing learning difficulties
- Υ. Evaluation and diagnosis of writing learning difficulties
- ⋈. Treatment methods for writing learning difficulties

#### References

- ١. Sartawi, Zaydan Ahmed & Abdelaziz (١٩٨٤). *Academic and Developmental Learning Difficulties* (trans.). The Golden Pages Bookstore. Riyadh.

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**Course Title:** Teaching Methods for Individuals with Learning Difficulties

**Course Number:** ١٤٨٣

**Course Code:** KAS

**Credit Hours:** ٣ (theoretical)

**Level:** Two

### Course Objectives

This course aims at introducing the student to the various teaching methods regarding individuals with learning difficulties in the different academic fields, such as language (with all its branches), Mathematics, Natural and Social Sciences. The course is also geared to teach the students the necessary skills and strategies that would help them deal with individuals with learning difficulties in order to upgrade their academic competence and social behavior.

### Course Content

١. General teaching methods
٢. Learning strategies
٣. Methods of teaching Mathematics to individuals with learning difficulties
٤. Methods of teaching Reading to individuals with learning difficulties
٥. Methods of teaching Dictation to individuals with learning difficulties

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٦. Methods of teaching Handwriting to individuals with learning difficulties
٧. Methods of teaching Writing to individuals with learning difficulties

### References

١. Abu Nayan bin Saad (٢٠٠١). *Learning Difficulties: teaching Methods and Knowledge Strategies*. Arab Academy of Special Education. Riyadh.
٢. Sartawi, Zaydan Ahmed & Abdelaziz (١٩٨٤). *Academic and Developmental Learning Difficulties* (trans.). The Golden Pages Bookstore. Riyadh.
٣. Wineburner, Susan (٢٠٠٥). *Teaching Children with Learning Difficulties in Ordinary Classes*. (Trans.) Abdelaziz Sartawi et al. Dar Al Ilm For Publication, Dubai, UAE.

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**Course Title:** Field Training in Learning Difficulties

**Course Number:** ١٤٨٤

**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 for children suffering from Learning Difficulties. This would be carried out by means of utilizing, whether in the academic fields or in the behavior adjustment programs, a number of methods, programs and tools and by presenting solutions, suggestions and convenient alternatives such as individual teaching plans in order to upgrade the academic competence and social behavior of such students.