

إعلان اختبار القبول لبرنامج الدكتوراه للعام الجامعي 2027-2026

قسم نظم المعلومات

تعلن كلية الحاسبات وتقنية المعلومات عن جدول اختبار القبول لبرنامج الدكتوراه في قسم نظم المعلومات. وفيما يلي التفاصيل:

موعد الاختبار وزماته:

يعقد الاختبار يوم الاثنين 1448/3/4 هـ الموافق 2026/8/17 م، من الساعة 11:00 صباحاً حتى الساعة 1:00 ظهراً.

مقر الاختبار:

- الطلاب:

المكان: معمل رقم 14-L0، الدور الأرضي، كلية الحاسبات وتقنية المعلومات، مبنى 080B – جامعة الملك عبدالعزيز، جدة.

- الطالبات:

المكان: معمل رقم 122G و 123G، الدور الأرضي، المقر الجامعي للطالبات، مبنى 61 – جامعة الملك عبدالعزيز، جدة.

للتواصل:

مدير البرنامج: د. توفيق حسنين - thasanin@kau.edu.sa

محتوى الاختبار:

يوضح الجدول التالي لكل مادة الكتاب المقترح والفصول المحددة.

Subject	Suggested Textbook	Chapters
Big Data	Groff & Jones, Introduction to Knowledge Management (Routledge, 1st ed., 2016) Han, Kamber & Pei, Data Mining: Concepts and Techniques (Elsevier, 3rd ed., 2012)	Knowledge Management: Ch. 1 – Introducing KM Ch. 4 – Organize and Secure Ch. 5 – Analysis and Collaborate Data Mining: Ch. 1 – Introduction Ch. 2 – Getting to Know Your Data
Information Systems	Turban, Sharda & Delen, Decision Support and Business Intelligence Systems (Prentice Hall, 9th ed., 2011)	Ch. 1 – Decision Support Systems and Business Intelligence Ch. 2 – Decision Making, Systems, Modeling, and Support Ch. 3 – Decision Support Systems: Concepts, Methodologies, and Technologies: An Overview
Security	Pfleeger & Pfleeger, Security in Computing (Prentice Hall, 5th ed., 2015)	Ch. 1 – Introduction Ch. 2 – Toolbox: Authentication, Access Control, and Cryptography Ch. 4 – The Web—User Side Ch. 6 – Networks
Software Engineering	Satzinger, Systems Analysis and Design in a Changing World (Course Technology, 6th ed., 2012)	Ch. 1 – From Beginning to End: An Overview of Systems Analysis and Design Ch. 2 – Investigating System Requirements Ch. 6 – Essentials of Design and the Design Activities Ch. 7 – Designing the User and System Interfaces Ch. 8 – Approaches to System Development
Systems Architecture	Lankhorst, Enterprise Architecture at Work (Springer, 2nd ed., 2009)	Ch. 2 – State of the Art Ch. 3 – Foundations Ch. 4 – Communication of Enterprise Architectures
Database	Elmasri & Navathe, Fundamentals of Database Systems (Addison-Wesley, 7th ed., 2016)	Ch. 1 – Databases and Database Users Ch. 2 – Database System Concepts and Architecture Ch. 5 – The Relational Data Model and Relational Database Constraints Ch. 6 – Basic SQL Ch. 7 – More SQL: Complex Queries, Triggers, Views, and Schema Modification

Subject	Suggested Textbook	Chapters
Networking	Forouzan, Data Communications and Networking (McGraw-Hill, 5th ed., 2012)	Ch. 1 – Introduction Ch. 2 – Network Models Ch. 7 – Transmission Media Ch. 13 – Wired LANs: Ethernet
Operating Systems	Silberschatz, Galvin & Gagne, Operating System Concepts (Wiley, 9th ed., 2013)	Ch. 1 – Introduction Ch. 2 – Operating-System Structures Ch. 3 – Processes Ch. 4 – Threads Ch. 6 – CPU Scheduling Ch. 8 – Main Memory
Programming	Liang, Introduction to Java Programming, Comprehensive Version (Pearson, 10th ed., 2015)	Ch. 2 – Elementary Programming Ch. 4 – Mathematical Functions, Characters, and Strings Ch. 5 – Loops Ch. 6 – Methods Ch. 8 – Multidimensional Arrays Ch. 9 – Objects and Classes Ch. 11 – Inheritance and Polymorphism Ch. 13 – Abstract Classes and Interfaces