

AIBIZ™ (Exam AIZ-210) Bridge Document (From AIBIZ™ (Exam AIZ-110))

This bridge document is written for instructors who have used CertNexus' AIBIZ™ (Exam AIZ-110) courseware and are looking to come up to speed on the AIBIZ™ (Exam AIZ-210) courseware quickly and efficiently. Our instructional designers work to retain sequencing and activities wherever possible, while adding new content to stay up to date on the field of artificial intelligence (AI), align with the latest AIZ-210 exam objectives, and provide an excellent class experience.

Exam Changes

The following table shows the exam domains that CertNexus publishes for the Exam AIZ-210 credential. The AIZ-110 exam blueprint was not organized by domains and only included a list of subject areas. The high-level subject areas were: "What is AI?", "Impact of AI", "Contemporary trends and business drivers", "Use cases across different sectors", and "Algorithmic approaches of AI".

Domain	Exam AIZ-210	% of Exam
1.0	Understand AI Fundamentals	20%
2.0	Identify Functions of AI in Business	44%
3.0	Implement Business Requirements for AI	16%
4.0	Identify Risk with AI	20%

Overview of Changes

The AIBIZ™ (Exam AIZ-210) course:

- Reflects changes and updates to the field of AI, including the rise of generative AI.
- Reflects changes to the CertNexus exam blueprint and objectives, including a broader emphasis on generally applicable capabilities for AI in many contexts, and less explicit focus on narrow, industry-specific implementations.
- Incorporates a more in-depth discussion of the business impacts of AI, including the business requirements and business risks, as well as strategies for addressing those impacts.
- Incorporates more general scenarios and questions in discussion-based activities rather than scenarios/questions specific to certain industries. Instructors are encouraged to tailor discussion scenarios/questions toward their students' industries and businesses.

- Incorporates the latest CertNexus slide template, which has gone through a visual overhaul, and most notably, changed from standard 4:3 format to widescreen 16:9 format.
- Includes slides that are less text heavy and more visually engaging.

Lesson-Level and Topic-Level Structural Changes

The following table compares the lesson-level and topic-level outline of the *AIBIZ™ (Exam AIZ-210)* course to the original *AIBIZ™ (Exam AIZ-110)* course. There are major structural changes, as noted in the following table.

Change color key:

- Topics with minor updates
- Topics with significant updates
- New topics
- Topics updated and moved from a different lesson/course

AIBIZ™		
Lesson	CNX0007: AIBIZ™ (Exam AIZ-110)	CNX0017: AIBIZ™ (Exam AIZ-210)
1	AI Fundamentals <ul style="list-style-type: none"> A. AI Concepts B. Approaches to Machine Learning and Deep Learning 	AI Fundamentals <ul style="list-style-type: none"> A. A Brief History of AI B. AI Concepts
2	AI Implementations <ul style="list-style-type: none"> A. Data Science B. Search Engines C. Natural Language Processing D. Computer Vision E. Robotics 	Functions of AI in Business <ul style="list-style-type: none"> A. Improve User Experiences B. Segment Audiences C. Secure Assets D. Optimize Processes
3	The Impact of AI <ul style="list-style-type: none"> A. Benefits of AI B. Challenges of AI C. Business Use Cases of AI 	Implementing Business Requirements for AI <ul style="list-style-type: none"> A. Identify Design Requirements B. Identify Data Requirements C. Identify Risks in Implementing AI D. Develop an AI Strategy

Content-Level Changes

In addition to reordering and restructuring throughout, the following structural changes were made at the content level (organized by the structure in AIBIZ-210):

- Lesson 1:
 - Topic A: Added new topic that expands more on the history of AI and, in particular, the technologies that have enabled AI to flourish. This addresses new exam objectives in Domain 1.0.
 - Topic B: Consolidated material from what were Topics A and B in AIBIZ-110. Also trimmed down some of the explanations of the different machine learning approaches and removed discussion of artificial neural networks. Also added material on generative AI. This topic addresses new exam objectives in Domain 1.0.
- Lesson 2:
 - This entire lesson is new and focuses on providing examples of how AI has many different applications in the business world. It replaces Lesson 2 in AIBIZ-110, which instead focused on describing specific technologies related to AI, like computer vision and robotics. Some of these technologies are still defined briefly in the new Lesson 1, Topic B.
 - This lesson addresses new exam objectives in Domain 2.0.
- Lesson 3:
 - This lesson is mostly new and focuses on raising and addressing issues involved in implementing AI in business, as well as developing an AI strategy. It replaces Lesson 3 in AIBIZ-110, which instead focused on general benefits and challenges of AI, as well as business use cases specific to each industry.
 - Topic C: Carried over some of the challenges from what was Topic B in AIBIZ-110, although some of the material has been consolidated.
 - This lesson addresses new exam objectives in Domains 3.0 and 4.0.

Additional Notes

- The course is still meant to be taught over approximately four hours.
- An optional checklist document (**AI Project Checklist for Participants.docx**) is provided with the course data files that students can use to ensure they are following best practices when participating in an AI project, regardless of their role or level of technical knowledge. Students can use this during class if there's time, and/or they can use it as an after-class resource.
- Instructor notes are provided in Lesson 2 that link to real-world examples of AI solutions that pertain to the business functions under discussion.