**Certified Health Data Analyst (CHDA)**

**Examination Preparation**

Day 1

| Time  | Topics  |
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| 08:30 - 09:00 | REGISTRATION |
| 09:00 - 09:45 | Welcome and IntroductionsReview AgendaOverview of CHDA DomainsWhat is Data Analytics |
| 09:45 - 10:30 | **Domain 1: Data Management*** Assist in the development and maintenance of the data architecture and model to provide a foundation for database design that supports the business’ needs
* Establish uniform definitions of data captured in source systems to create a reference tool (data dictionary)
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| 10:30 - 10:45 | BREAK  |
| 10:45 – 12:30 | Domain 1: Data Management (continued)* Formulate validation strategies and methods (that is, system edits, reports, and audits) to ensure accurate and reliable data
* Evaluate existing data structures using data tables and field mapping to develop specifications that produce accurate and properly reported data
* Integrate data from internal or external sources in order to provide data for analysis and/or reporting
* Facilitate the update and maintenance of tables for organization’s information systems in order to ensure the quality and accuracy of the data
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| 12:30 - 13:00 | BREAK |
| 13:00 – 14:30 | **Domain 2: Data Analytics***Webinar: Data Structures and Test Methods** Review components of various classification systems, sources of administrative data, and programming languages
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| 14:30 - 14:45 | BREAK |
| 14:45 - 16:15 | **Domain 2: Data Analytics (continued)***Webinar: Statistical Testing** Distinguish between descriptive and inferential statistical methods and techniques used in data analysis
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| 16:15 - 16:30 | **Review of Day 1** |

Day 2

| Time  | Topics  |
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| 08:30 - 10:00 | **Domain 2: Data Analytics (continued)***Webinar: Validation through Analysis and Strategy** Compare and contrast validation strategies using qualitative and quantitative analysis
* Discuss testing methods crucial for system upgrades and maintenance
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| 10:30 - 10:45 | BREAK |
| 10:45 – 12:30 | **Domain 3: Data Reporting*** Deign metrics and criteria to meet the end users’ needs thorough the collection and interpretation of data
* Generate routine and ad-hoc reports using internal and external data sources to complete data requests
* Present information in a concise, user-friendly format by determining target audience needs to support decision processes
* Provide recommendations based on analytical results to improve business processes or outcomes
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| 12:30 - 13:00 | BREAK |
| 13:00 - 15:00 | **Practice Exam** |
| 15:00 - 15:15 | BREAK |
| 15:15 - 16:30 | **Review Practice Exam** |

**Closing Day 2 - Thank you for attending the AHIMA CHDA Exam Preparation workshop!**