

The transition to ICD-10 can be predicted to have an impact on the curriculum items highlighted in yellow.

Associate Degree HIM Knowledge Cluster Content	List the Course Number(s) below that address each knowledge cluster.
<b>Biomedical Sciences</b>	
▪ Anatomy (4)	
▪ Physiology (4)	
▪ Medical Terminology (4)	
▪ Pathophysiology (4)	
▪ Pharmacotherapy (4)	
<b>I.A. Health Data Structure, Content and Standards</b>	
1. Data versus information (4)	
2. Structure and use of health information (individual, comparative, aggregate) (4)	
3. Health information media (such as paper, computer, web-based) (4)	
4. Health record data collection tools (such as forms, screens, etc.) (4)	
5. Data sources (primary, secondary) (4)	
6. Data definitions, vocabularies, terminologies, and dictionaries (4)	
7. Data storage and retrieval (4)	
8. Data quality and integrity (4)	
9. Healthcare data sets (such as OASIS, HEDIS, DEEDS, UHDDS) (4)	
10. Data monitoring and compliance reporting (5)	
11. National Healthcare Information Infrastructure (NHII) (4)	
<b>I.B. Healthcare Information Requirements and Standards</b>	
1. Type and content of health record (paper, electronic, computer-based, e-health-personal, web-based) (5)	
2. Health record documentation requirements (such as	

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accreditation, certification, licensure) (5)	
3. Health record monitoring and compliance reporting (5)	
<b>I.C. Clinical Classification Systems</b>	
1. Classifications, taxonomies, nomenclatures, terminologies, and clinical vocabularies (4)	
2. Principles and applications of coding systems (such as ICD-9-CM, ICD-10, CPT/HCPCS, DSM-IV) (5)	
3. Diagnostic and procedural groupings (such as DRG, APC, RUGs, SNOMED-CT) (5)	
4. Casemix analysis and indexes (4)	
5. Medicare Severity Diagnosis Related Groups (MS-DRGs) (4)	
6. Coding compliance strategies, auditing, and reporting (such as CCI, plans) (5)	
7. Coding quality monitors and reporting (5)	
<b>I.D. Reimbursement</b>	
1. Commercial, managed care and federal insurance plans (4)	
2. Payment methodologies and systems (such as capitation, prospective payment systems PPS, RBRVS) (4)	
3. Billing processes and procedures (such as claims, EOB, ABN, electronic data interchange) (4)	
4. Chargemaster maintenance (5)	
5. Regulatory guidelines (such as LMRP, peer review organizations) (3)	
6. Reimbursement monitoring and reporting (5)	
7. Compliance strategies and reporting (3)	
<b>II.A. Healthcare Statistics and Research</b>	
1. Indices, databases and registries (4)	
2. Vital statistics (5)	
3. Healthcare statistics (5)	
4. Descriptive statistics (such as means, frequencies, ranges, percentiles, standard deviations) (5)	

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5. Statistical applications with health care data (5)	
6. Institutional Review Board (IRB) processes (4)	
7. National guidelines regarding human subjects research (4)	
8. Research protocol monitoring (4)	
9. Data selection, interpretation, and presentation (5)	
10. Knowledge-based research techniques (such as library, Medline, web-based) (5)	
<b>II.B. Quality management and Performance Improvement</b>	
1. Quality assessment and improvement (such as process, collection tools, data analysis, reporting techniques) (4)	
2. Utilization management, risk management, and case management (3)	
3. Regulatory quality monitoring requirements (4)	
4. Outcomes measures and monitoring (4)	
<b>III.A. Healthcare Delivery Systems</b>	
1. Organization of healthcare delivery in the United States (4)	
2. Healthcare organizations structure and operation (4)	
3. External standards, regulations, and initiatives (such as licensure, certification, accreditation, HIPAA) (4)	
4. Payment and reimbursement systems (4)	
5. Healthcare providers and disciplines (4)	
<b>III.B. Healthcare Privacy, Confidentiality, Legal and Ethical Issues</b>	
1. Legislative and regulatory processes (3)	
2. Legal terminology (5)	
3. Health information/record laws and regulations (such as retention, patient rights/advocacy, advanced directives, privacy) (5)	
4. Confidentiality, privacy, and security policies, procedures, and monitoring (5)	
5. Release of information policies and procedures (5)	

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6. Professional and practice-related ethical issues (5)	
<b>IV.A. Information and Communication Technologies</b>	
1. Computer concepts (such as hardware components, operating systems, languages, software packages) (3)	
2. Communication and Internet technologies (such as networks, intranet, standards) (3)	
3. Common software applications (such as word processing, spreadsheet, database, graphics) (5)	
4. Health information systems (such as administrative, patient registration, ADT, EHR, personal health record (PHR), lab, radiology, pharmacy) (4)	
5. Voice recognition technology (3)	
6. Health information specialty systems (such as ROI, coding, registries) (5)	
7. Application of systems and policies to health information systems and functions and healthcare data requests (5)	
<b>IV.B. Data Storage and Retrieval</b>	
1. Document archival, retrieval, and imaging systems (5)	
2. Maintenance and monitoring of data storage systems (5)	
<b>IV.C. Data Security and Healthcare Information Systems</b>	
1. System architecture and design (3)	
2. System acquisition and evaluation (3)	
3. Screen design (4)	
4. Data retrieval and maintenance (4)	
5. Data security concepts (3)	
6. Data integrity concepts (4)	
7. Data integrity and security processes and monitoring (5)	
8. Data recovery and risk management (4)	
9. Work process design (such as ergonomics, equipment selection) (3)	
<b>V.A. Organizational Resources</b>	
1. Roles and functions of teams and committees (5)	

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2. Teams/consensus building and committees (4)	
3. Communication and interpersonal skills (5)	
4. Team leadership concepts and techniques (4)	
5. Orientation and training (such as content, delivery, media) (5)	
6. Workflow and process monitors (4)	
7. Performance monitors (4)	
8. Revenue cycle monitors (4)	
9. Organizational plans and budgets (framework, levels, responsibilities, etc.) (4)	
10. Resource allocation monitors (4)	