

Prepared by the Department of Business

Date of Departmental Approval: September 10, 2012

Date approved by Curriculum and Programs: September 24, 2012

Effective: Spring 2013

1. **Course Number:** BIT208
Course Title: Advanced Medical Coding and Billing
2. **Description:** Students continue their mastery of diagnostic and procedural coding and billing through complex case studies and use of authentic medical records. Students are introduced to International Classification of Diseases ICD-10 CM and other diagnosis coding systems such as DSM-IV. Code auditing for regulatory compliance is emphasized.
3. **Student Learning Outcomes:** Upon successful completion of this course, students are able to do the following.
 - Complete complex diagnostic coding case studies
 - Interpret authentic medical charts for coding purposes
 - Describe diagnostic related groups: DRG, APR-DRG, and RUGS
 - Describe the role of the Systematized Nomenclature of Medicine (SNOMED) in the electronic health record
 - Identify other coding systems including DSM-IV and ICD 0
 - Complete complex procedural coding case studies
 - Explain procedure based payment systems including Resource-based relative value scale (RBRVS)
 - Analyze the impact of coding and sequencing on reimbursement
 - Describe Quality Improvement Organizations (QIO) and their role in the payment process
 - Define managed care and capitation
 - Analyze compliance issues including auditing and monitoring the coding process for regulatory compliance.
 - Review presentations from coding specialists
4. **Credits:** 3 credits
5. **Satisfies General Education Requirement:** No
6. **Prerequisite:** BIT207
7. **Semester Offered:** Varies
8. **Suggested General Guidelines for Evaluation:** Students are evaluated through quizzes and a final test and case studies/coding projects.
9. **General Topical Outline (Optional):**