**CSC430/530 – Database Management Systems**

Practice – Foreign Keys & Referential Integrity Constraints

Consider the following relations for a database that keeps track of student enrollment in courses and the books adopted for each course:

STUDENT(SSN, Name, Major, Bdate) COURSE(Course#, Cname, Dept) ENROLL(SSN, Course#, Quarter, Grade)

BOOK\_ADOPTION(Course#, Quarter, Book\_ISBN) TEXT(Book\_ISBN, Book\_Title, Publisher, Author)

**Specify foreign keys and referential integrity constraints in the provided relational schema diagram.**

**STUDENT**

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| SSN | Name | Major | Bdate |

**COURSE**

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| Course# | Cname | Dept |

**ENROLL**

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| SSN | Course# | Quarter | Grade |

**BOOK\_ADOPTION**

|  |  |  |
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| Course# | Quarter | Book\_ISBN |

**TEXT**

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| --- | --- | --- | --- |
| Book\_ISBN | Book\_Title | Publisher | Author |