

## 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

<u>SSN</u>	Name	Major	Bdate
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#### COURSE

<u>Course#</u>	Cname	Dept
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#### ENROLL

<u>SSN</u>	<u>Course#</u>	<u>Quarter</u>	Grade
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#### BOOK\_ADOPTION

<u>Course#</u>	<u>Quarter</u>	Book_ISBN
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#### TEXT

<u>Book_ISBN</u>	Book_Title	Publisher	Author
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