

1,

Package <default>

| Class Diagram Summary | |
|-----------------------|--|
| <default> | |

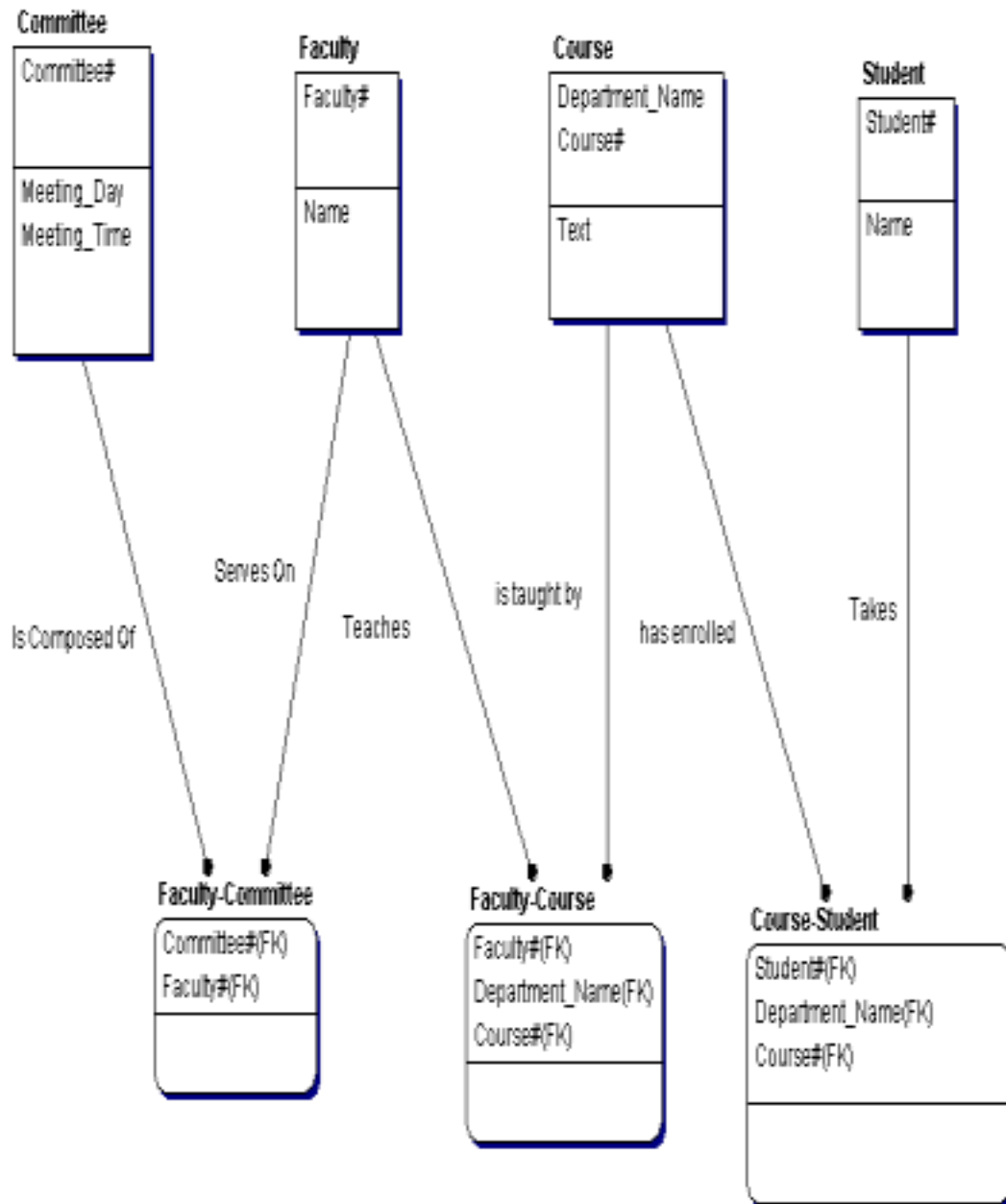
| ER Diagram Summary | |
|----------------------|--|
| Entity Relationship | |
| Entity Relationship1 | |

1,

2, Entity Relationship

<default>

ER Diagram Entity Relationship



2, Entity Relationship

3, Entity Relationship

| ER–Entity Summary | |
|-------------------------------|--|
| Committee | |
| Course | |
| Course–Student | |
| Faculty | |
| Faculty– Committee | |
| Faculty–Course | |
| Student | |

Diagram Elements Detail

Committee

| ER–Attribute Summary | |
|-----------------------------|--|
| Committee# | |
| Meeting_Day | |
| Meeting_Time | |

Committee Members Detail

Committee#

Is Primary Key

Meeting_Day

Meeting_Time

3, Entity Relationship

4, Entity Relationship

Course

| ER-Attribute Summary | |
|-----------------------------|--|
| Course# | |
| Department_Name | |
| Text | |

Course Members Detail

Course#

Is Primary Key

Department_Name

Is Primary Key

Text

Course-Student

| ER-Attribute Summary | |
|-----------------------------|--|
| Course# | |
| Department_Name | |
| Student# | |

4, Entity Relationship

5, Entity Relationship

Course–Student Members Detail

Course#

Referenced Attribute Course#
Foreign Link has enrolled

Department_Name

Referenced Attribute Department_Name
Foreign Link has enrolled

Student#

Referenced Attribute Student#
Foreign Link Takes

ER–Relationship Links

to **ER–EntityStudent**

Verb phrase Takes
Identifying

to **ER–EntityCourse**

Verb phrase has enrolled
Identifying

Faculty

ER–Attribute Summary

| | |
|-----------------|--|
| Faculty# | |
|-----------------|--|

5, Entity Relationship

6, Entity Relationship

| ER-Attribute Summary | |
|----------------------|--|
| Name | |

| Faculty Members Detail |
|------------------------|
|------------------------|

Faculty#

Is Primary Key

Name

Faculty-Committee

| ER-Attribute Summary | |
|----------------------|--|
| Committee# | |
| Faculty# | |

| Faculty-Committee Members Detail |
|----------------------------------|
|----------------------------------|

Committee#

Referenced Attribute Committee#
Foreign Link Is Composed Of

Faculty#

Referenced Attribute Faculty#
Foreign Link Serves On

| ER-Relationship Links |
|-----------------------|
|-----------------------|

6, Entity Relationship

7, Entity Relationship
to ER-EntityCommittee

Verb phrase Is Composed Of
Identifying

to ER-EntityFaculty

Verb phrase Serves On
Identifying

Faculty-Course

| ER-Attribute Summary | |
|-----------------------------|--|
| Course# | |
| Department_Name | |
| Faculty# | |

Faculty-Course Members Detail

Course#

Referenced Attribute Course#
Foreign Link is taught by

Department_Name

Referenced Attribute Department_Name
Foreign Link is taught by

Faculty#

7, Entity Relationship

8, Entity Relationship

Referenced Attribute Faculty#
Foreign Link Teaches

ER-Relationship Links

to ER-EntityFaculty

Verb phrase Teaches
Identifying

to ER-EntityCourse

Verb phrase is taught by
Identifying

Student

ER-Attribute Summary

| | |
|-----------------|--|
| Name | |
| Student# | |

Student Members Detail

Name

Student#

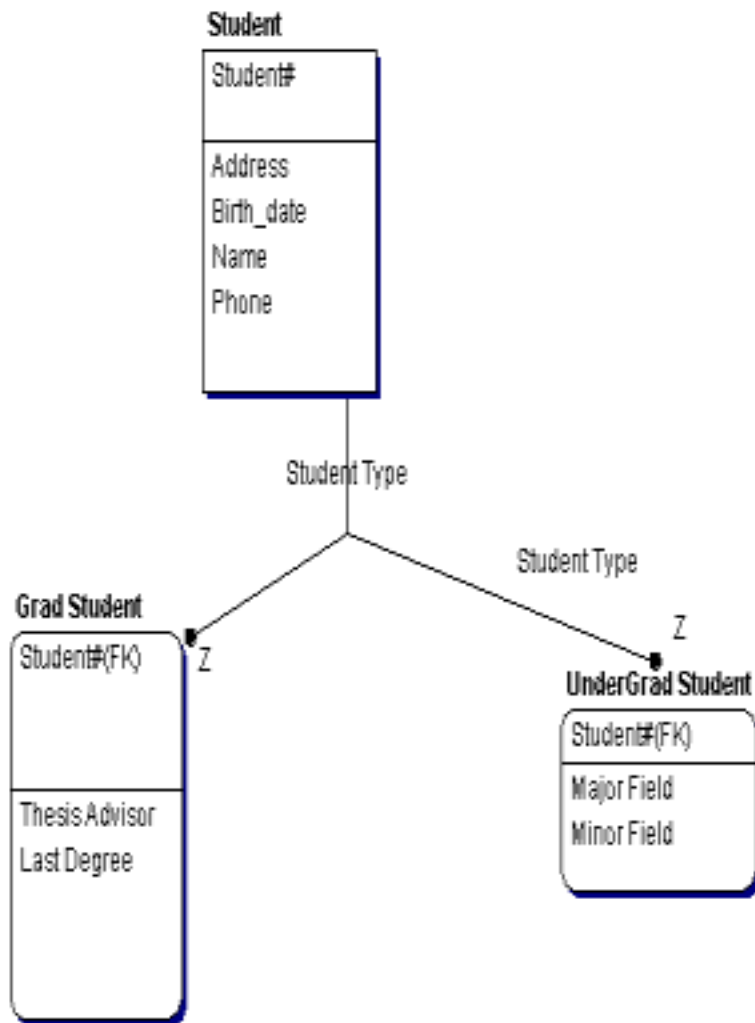
Is Primary Key

8, Entity Relationship

9, Entity Relationship1

<default>

ER Diagram Entity Relationship1



| ER-Entity Summary | |
|-------------------|--|
| Grad Student | |
| Student | |

10, Entity Relationship1

ER–Entity Summary

**UnderGrad
Student**

Diagram Elements Detail

Grad Student

ER–Attribute Summary

Last Degree

Student#

Thesis Advisor

Grad Student Members Detail

Last Degree

Student#

Referenced Attribute Student#

Foreign Link Student Type

Thesis Advisor

ER–Relationship Links

to **ER–Entity**Student

Verb phrase Student Type

Identifying

11, Entity Relationship1

Cardinality Z

Student

| ER-Attribute Summary | |
|-----------------------------|--|
| Address | |
| Birth_date | |
| Name | |
| Phone | |
| Student# | |

Student Members Detail

Address

Birth_date

Name

Phone

Student#

Is Primary Key

UnderGrad Student

12, Entity Relationship1

| ER-Attribute Summary | |
|-----------------------------|--|
| Major Field | |
| Minor Field | |
| Student# | |

UnderGrad Student Members Detail

Major Field

Minor Field

Student#

Referenced Attribute Student#

Foreign Link Student Type

ER-Relationship Links

to **ER-Entity**Student

Verb phrase Student Type

Identifying

Cardinality Z

12, Entity Relationship1

13, <default>

<default>

Class Diagram <default>

13, <default>