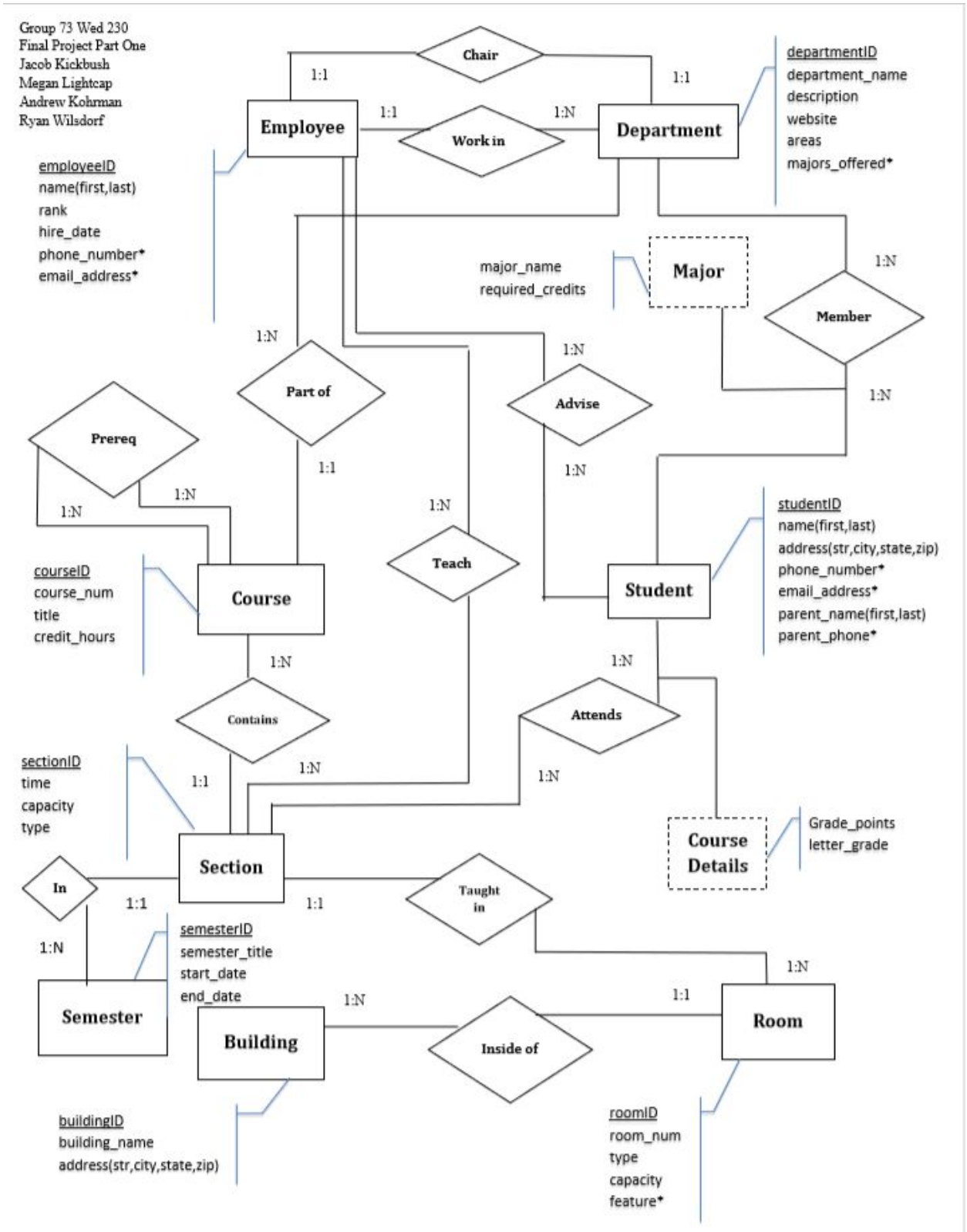
Group 73 Wed 230
Final Project Part One
Jacob Kickbush
Megan Lightcap
Andrew Kohrman
Ryan Wilsdorf
Chair
1:1
1:1
Employee
1:1
Work in
1:N
Department
departmentID
department_name
description
website
areas
majors_offered*
employeeID
name(first,last)
rank
hire_date
phone_number*
email_address*
major_name
required_credits
Major
1:N
Member
1:N
1:N
Part of
1:N
Advise
1:N
Prereq
1:1
1:N
1:N
1:N
Teach
studentID
name(first,last)
address(str,city,state,zip)
phone_number*
email_address*
parent_name(first,last)
parent_phone*
courseID
course_num
title
credit_hours
Course
Student
1:N
1:N
Contains
Attends
sectionID
time
capacity
type
1:1
1:N
1:N
Course Details
Grade_points
letter_grade
Section
In
1:1
1:1
Taught in
1:N
semesterID
semester_title
start_date
end_date
1:N
1:1
Semester
1:N
Building
Inside of
Room
buildingID
building_name
address(str,city,state,zip)
roomID
room_num
type
capacity
feature*

tp_advise (studentID→, employeeID→)

tp_building (buildingID, building_name, address)

tp_course (courseID, course_num, title, credit_hours, departmentID→)

tp_course_details (studentID →, sectionID →, letter_grade, grade_points)

tp_course_prereq (courseID →, prerequisite, prereqID→)

tp_department (departmentID, department_name, description, website, areas, chairID→)

tp_department_majors (departmentID →, majors_offered)

tp_employee (employeeID, fname, lname, rank, hire_date, officeID→)

tp_employee_email (employeeID →, email)

tp_employee_phone (employeeID→, number, type)

tp_employee_section (employeeID →, sectionID →)

tp_major (departmentID→, studentID→, major_name, required_credits)

tp_room (roomID, room_num, type, capacity, buildingID→)

tp_room_feature (roomID →, feature)

tp_section (sectionID,courseID→,roomID→, semesterID→, time, capacity, type)

tp_semester(semesterID, semester_title, start_date, end_date)

tp_student (studentID, fname, lname, address, parent_fname, parent_lname)

tp_student_email (studentID →, emailAddress, type)

tp_student_parentphone (studentID→, number, relation)

tp_student_phone (studentID →, number, type)