



# Module 6

## Notation for Entity Relationship Diagrams

### Part 4: Relationship Variations II



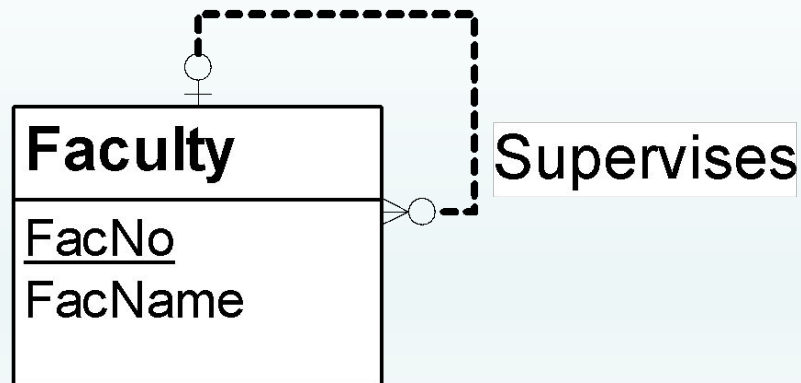
# Lesson Objectives

- Draw instance diagrams to depict self-referencing relationships
- Explain an example depicting an M-way relationship
- Appreciate specialized relationships but resist temptation to overuse them

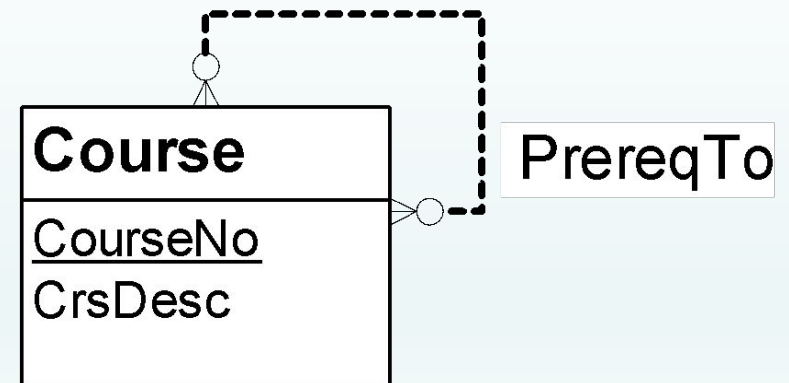


# ERD Notation for Self-Referencing Relationships

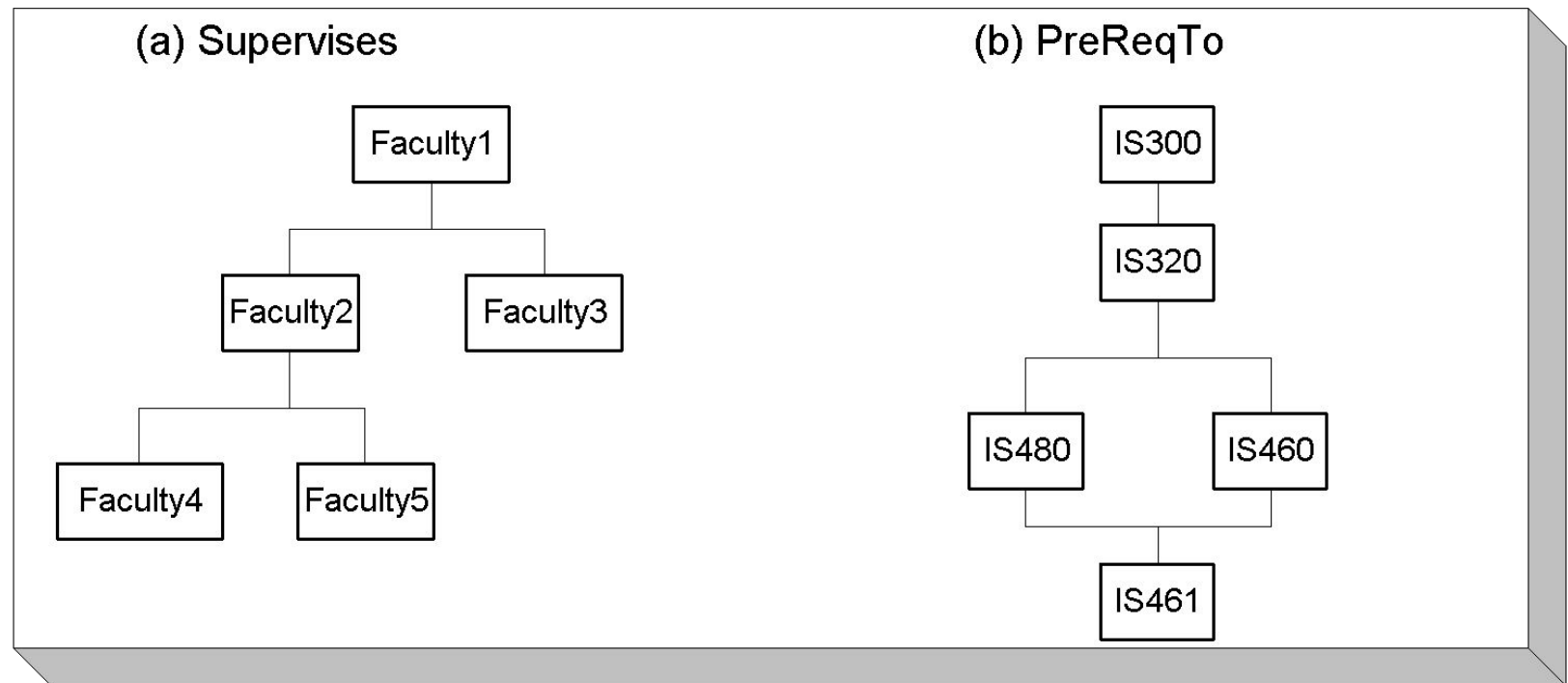
a) manager -subordinate



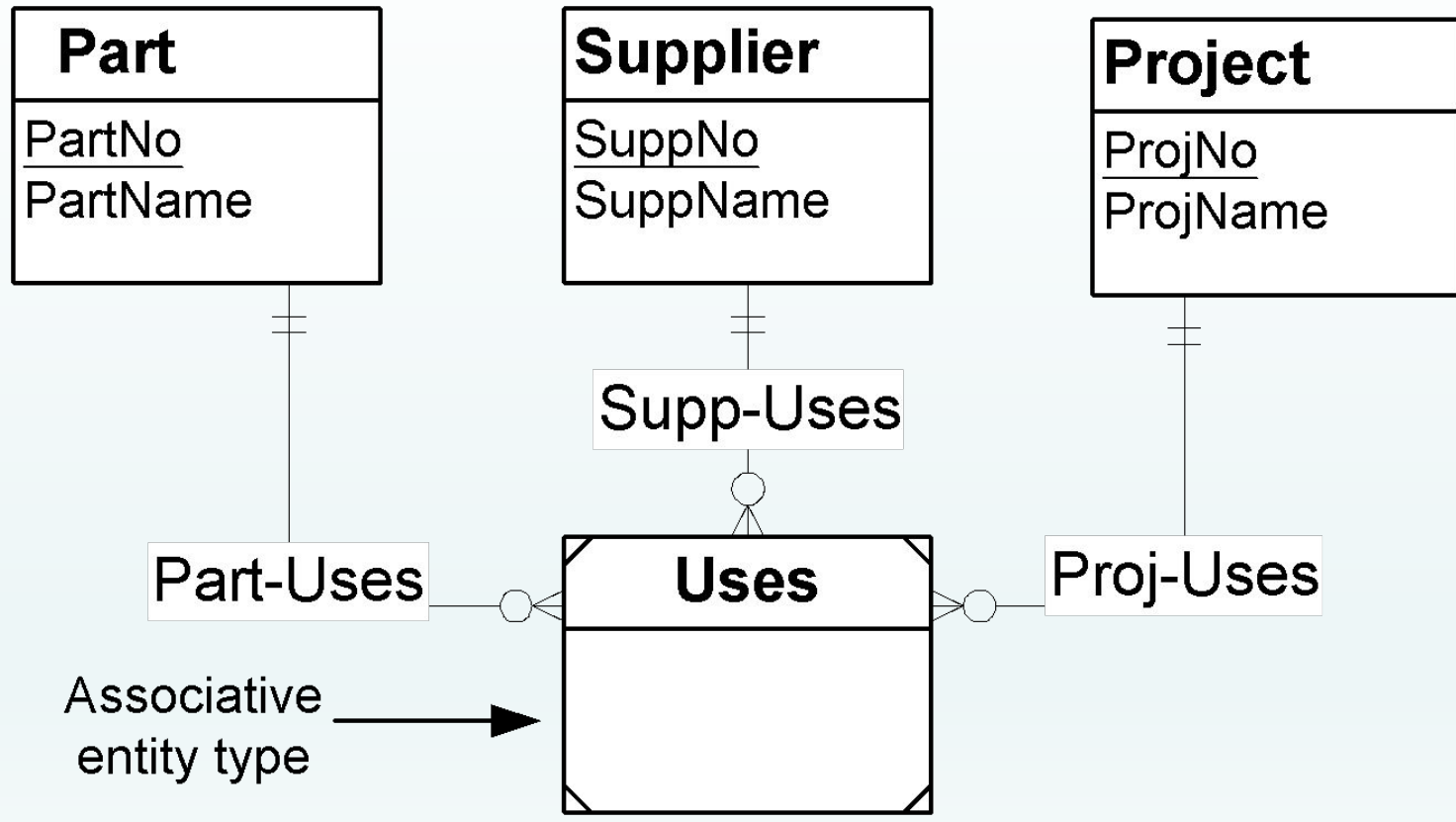
b) course prerequisites



# Instance Diagrams for Self-Referencing Relationships



# Associative Entity Types for M-way Relationships



# Summary

- Specialized relationships are not common but important when in some situations
- Do not overuse specialized relationships
- Avoid notation errors with specialized relationships

