1. Write a relational algebra expression that satisfies this query?

* *Find the distinct names of all courses that are at least four credits and enroll students in a "CS" major.*

Πsnames (σ credits >= 4 ∧ major = CS ((Students ⨝Student.sid = Registration.sid Registration) ⨝Registration.cid = Courses.cidCourses)

Note: Relational projections always return distinct tuples so DISTINCT is never needed. Duplicate tuples are not permitted in the RA - that being one major difference between the relational model and the SQL model.