1. $\Pi_{ID, name}(\sigma_{dept\_name = \text{"Elec. Eng"} \wedge tot\_cred \geq 65}(student))$

2. $\Pi_{student.ID}(\sigma_{takes.grade = \text{"B+"} \wedge takes.course\_id = \text{"CS-190"} \wedge takes.semester = \text{"Spring"} \wedge takes.year = 2019 \wedge takes.ID = student.ID}(takes \times student))$

3. $\Pi_{student.ID, student.name}(\sigma_{takes.grade = \text{"B"} \wedge (takes.course\_id = \text{"CS-315"} \vee takes.course\_id = \text{"CS-319"}) \wedge takes.ID = student.ID}(takes \times student))$

4. $\Pi_{student.name, student.ID}(\sigma_{student.ID = takes.ID \wedge takes.course\_id = teaches.course\_id \wedge teaches.ID = instructor.ID \wedge takes.sec\_id = teaches.sec\_id \wedge takes.semester = teaches.semester \wedge takes.year = teaches.year \wedge instructor.salary \leq 75000}(student \times takes \times teaches \times instructor))$