**MODULE 10**

Student(StdNo, StdName, StdAddress, StdCity, StdState, StdZip, StdEmai)

Institution(InstID, InstName, InstMascot)

Lender(LenderNo, LendName)

Loan(LoanNo, StdNo, InstID, LenderNo, ProcDate, DisbMethod, DisbBank, DateAuth, NoteValue, Subsidized, Rate)

FOREIGN KEY(StdNo) REFERENCES Student

FOREIGN KEY(InstID) REFERENCES Institution

FOREIGN KEY(LenderNo) REFERENCES Lender

StdNo NOT NULL

InstID NOT NULL

LenderNo NOT NULL

DisburseLine(LoanNo,DateSent, Amount, OrigFee, GuarFee)

FOREIGN KEY(LoanNo) REFERENCES Loan

**Conversion rules**

Use the entity type rule to convert each entity type

Use the 1-M relationship rule for all relationships

Use the M-N relationship rule (not needed).

Use the identification dependency rule to make LoanNo a component of the PK of DisburseLine. The PK of the DisburseLine table is a combination of LoanNo and DateSent. A not null constraint is not needed for DisburseLine.LoanNo because this column is part of the primary key of DisburseLine.