ITCS 3160 ASSIGNMENT 5

ASSIGNMENT DESCRIPTION:

Using your knowledge of a college environment, convert the following table to an equivalent collection of tables in 3NF (third normal form). Show the tables in 1NF and in 2NF during the conversion. Please complete the question in electronic format such as Word or PDF so that they can be uploaded to Moodle 2.

TABLE:

STUDENT (<u>STUNUMB, STUNAME, NUMCRED</u>, ADVNUMB, ADVNAME, CRSENUMB, CRSEDESC, GRADE)

STUNUMB	STUNAME	NUMCRED	ADVNUMB	ADVNAME	CRSENUMB	CRSEDESC	GRADE
800342124	Joe Beck	3 3 3	800076565	Roy Cone	ITCS3160 ITCS3166 ITCS4102	Database Networks Languages	B A B
800217341	Ann Alda	4 0 3 3	800025414	Ian Jones	ITCS1213 ITCS1213L MATH1241 LBST1104	Java Java Lab Calculus I Films	A A C A
800666154	Sue Dane	3 3 3	800001136	Eva Thick	ITCS2215 MATH1242 ITCS3160	Algorithms Calculus II Database	B D A
800134666	Bob Wall	3 3 3 3	800025414	Ian Jones	MATH1242 ITCS3166 ITCS4102 ITCS3160	Calculus II Networks Languages Database	D B C B
800189871	Ava Best	4 0 3 1 3	800001136	Eva Thick	ITCS1213 ITCS1213L PSYC1101 PSYC1101L LBST1104	Java Java Lab Psychology Psych Lab Films	A A C C B
800314321	Will Sneed	3 3 3 3	800001136	Eva Thick	MATH1242 ITCS3166 ITCS4102 ITCS3160	Calculus II Networks Languages Database	A A A A

REQUIREMENTS:
- ➲ Each student must work independently on this assignment. No group work is allowed.
- ➲ As stated above, complete the assignment electronic format.
- ➲ Submit completed work into Moodle2.
- ➲ Take a screenshot of the submission verification in the event you need proof of submission.