1NF:

STUDENT

student_id	student_name	credits	advisor_id	advisor_name	course_code	course_desc	grade
12345	Jane Smith	12	654	Shirley	CIS 101	Logic	A
12345	Jane Smith	12	654	Shirley	CIS 102	XHTML	B
12345	Jane Smith	12	654	Shirley	CIS 110	Visual Basic	A
98765	Thomas Last	9	745	Terry Evans	BUS 101	Business I	B
98765	Thomas Last	9	745	Terry Evans	ENG 101	English I	C
98765	Thomas Last	9	745	Terry Evans	ENG 102	English II	C
56789	Robert Sim	12	654	Shirley	ACC 101	Accounting I	B
56789	Robert Sim	12	654	Shirley	ACC 102	Accounting II	A
56789	Robert Sim	12	654	Shirley	ENG 101	English I	A
56789	Robert Sim	12	654	Shirley	ENG 102	English II	A

STUDENT (**student_id**, student_name, credits, advisor_id, advisor_name, **course_code**, course_desc, grade)

2NF:

STUDENT

student_id	student_name	credits	advisor_id	advisor_name
12345	Jane Smith	12	654	Shirley
98765	Thomas Last	9	745	Terry Evans
56789	Robert Sim	12	654	Shirley

COURSE

course_code	course_desc
CIS 101	Logic
CIS 102	XHTML
CIS 110	Visual Basic
BUS 101	Business I
ENG 101	English I
ENG 102	English II
ACC 101	Accounting I
ACC 102	Accounting II

STUDENT_COURSE

student_id	course_code	grade
12345	CIS 101	A
12345	CIS 102	B
12345	CIS 110	A
98765	BUS 101	B
98765	ENG 101	C
98765	ENG 102	C
56789	ACC 101	B
56789	ACC 102	A
56789	ENG101	A
56789	ENG102	A

STUDENT (**student_id**, student_name, credits, advisor_id, advisor_name)
COURSE (**course_code**, course_desc)
STUDENT_COURSE (**student_id**, **course_code**, grade)
   FK student_id -> STUDENT
   FK course_code -> COURSE

3NF:

STUDENT

student_id	student_name	credits	advisor_id
12345	Jane Smith	12	654
98765	Thomas Last	9	745
56789	Robert Sim	12	654

ADVISOR

advisor_id	advisor_name
654	Shirley
745	Terry Evans

COURSE

course_code	course_desc
CIS 101	Logic
CIS 102	XHTML
CIS 110	Visual Basic
BUS 101	Business I
ENG 101	English I
ENG 102	English II
ACC 101	Accounting I
ACC 102	Accounting II

STUDENT_COURSE

student_id	course_code	grade
12345	CIS 101	A
12345	CIS 102	B
12345	CIS 110	A
98765	BUS 101	B
98765	ENG 101	C
98765	ENG 102	C
56789	ACC 101	B
56789	ACC 102	A
56789	ENG101	A
56789	ENG102	A

STUDENT (**student_id**, student_name, credits, advisor_id)
      FK advisor_id -> ADVISOR
ADVISOR (**advisor_id**, advisor_name)
COURSE (**course_code**, course_desc)
STUDENT_COURSE (**student_id**, course_code, grade)
      FK student_id -> STUDENT
      FK course_code -> COURSE