Engineering at Tarrant County College to Engineering at Indiana Tech

Tarrant County College		Indiana Tech	
Course	Credit	Course	Credit
MATH 2413 - Calculus I	4	MA 1200 - Calculus I	3
ENGL 1301 - Composition I	3	ENG 1252 - Argumentative Writing	3
ENGR 1201 - Introduction to Engineering	2	Approved Elective	3
ECON 2301 - Principles of Macroeconomics	3	ECON 2200 - Macroeconomics	3
Select one of the following:			
SPCH 1311 - Introduction to Speech Communication	3	COMM 1250 - Foundations of Communications	3
SPCH 1321 - Business and Professional Communication	3	BA 2310 - Foundations of Business Communications	3
MATH 2414 - Calculus II	4	MA 1210 - Calculus II	3
PHYS 2425 - University Physics I	4	PH 1300 & PH 1310 General Physics I	3
Select one of the following:			
ENGL 1302 - Composition II	3	ENG 1272 - Analytical Writing	3
ENGL 2311 - Technical and Business Writing	3	EET 2000 - Technical Writing	3
Select one of the following:			
COSC 1436 - Programming Fundamentals I	4	CS 1250 - Problem Solving for Programmers	3
COSC 1420 - "C" Programming	4	ECE 1100 - C Programming	3
MATH 2415 - Calculus III	3	MA 2200 - Calculus III	3
PHYS 2426 - University Physics II	4	PH 2300 & PH 2310 General Physics II	3
GOVT 2305 - Federal Government	3	SS 1110 - American Government	3
HIST 1301 - United States History I	3	SS 2430 - Early United States History	3
Select one of the following:			
ENGR 2301 - Engineering Mechanics - Statics	3	EM 2050 - Applied Statics and Strength of Materials	3
ENGR 2305 - Electrical Circuits I	3	EET 1100 - Electrical Circuits I	3
Restricted Elective*	3	Approved Elective	3
Select one of the following:			
CHEM 1411 - General Chemistry I	4	CH 1220 - General Chemistry & Lab I	3
Restricted Elective*	3	Approved Elective	3
Select one of the following:			
ENGR 1304 - Engineering Graphics I	3	EGR 1710 - Engineering Graphics and Design	3
Restricted Elective*	3	Approved Elective	3
Select one of the following:			
ENGR 2302 - Engineering Mechanics -Dynamics	3	EM 2020 - Dynamics	3
Restricted Elective*	3	Approved Elective	3