This is a Professor Rick jurors and I’d like to give you a little bit of background about myself sometimes it’s good to know something about your professor as you progress through a course in future sessions I will be sharing some of my real world experiences with you to help you understand topics that it started who is richter’s all began with my name I do prefer left and center Richard and my last name is pronounced the jurors as in New Jersey just leave off the EYI was born and raised in Chicago Illinois some people have told me that they can recognize this from my accent I grew up in the northwest side issue callable the community called Albany Park and went to hibbard elementary Von Steuben middle school and Roosevelt high school in my youth I was always interested in sports and outdoors in high school I was on the swim team and tennis team in college I became a very good ping pong player in high school my greatest interest was in mathematics and recall always been a good student and in high school I graduated in nearly the top of my classes I was a hard worker and worked every summer to starting at about the age 13 my goal was to get a good education and do well and life at about 8 to 10 high have this dream to get a college education my parents were not wealthy so I knew that in order to get an education I would have to work hard and save my money my dream came true during my senior in high school when I was accepted to Illinois institute of technology I graduated from IIT with a B.S. in industrial engineering I paid for this education with my own hard earned money in order to have a good life I knew I would be working in business while an undergraduate student I develop his second goal of getting an MBA I started my MBA while I was an undergraduate student and IITI continued it at the University of Northern Iowa and eventually I receive my MBA from Saint Andrews university I never thought of going any further educationally however when I was in my mid thirties my wife convinced me to pursue a PHBI was accepted into the PH the program at Ohio State but after changing jobs from myself in the peach the program at the University of Iowa I finish my PH be there in industrial engineering my PH D dissertation involved a new method of analyzing process alternatives relative to my work experience I have spent about half my life working in industry and half my life teaching I sometimes wonder where did this all began well it was with teaching at about age 13 I was hired as a swim instructor teaching of maybe 5 to 10 year olds how to swim during the summer I did this for a couple years after the age of 16 each summer I found employment at different companies including the playboy a distribution center where my father was the warehouse manager like tell a sheen a company that manufactured machines that which strayed and Chloe old steel and continental can which produced wax paper cups when I was a sophomore in high school my mother took an interest in many kinds of arts and crafts I took an interest in candle making thinking that I might be will sell enough candles to pay my way through college so I started my own candle making business and it does about five years and made enough money to pay for my college having a candle making business not only provided funds for college but it also gave me a perspective of how businesses operate when I was going into my junior year of college at IITI I decided to sign up for that: a program thinking that I would to get some real business experience before graduation I remember the day that the call up supervisor at IITI called me interoffice and told me that john Deere and water Lila one of the interview me I knew nothing about farming tractors and Iowa but the pay was very good eye when on the interview and got the job it was great during my four semesters as a collapse student with your eyes spent time in every department in the shop and foundry and worked in about ½ dozen engineering departments right before graduation the john Deere component works may be an offer I could not refuse they said Rick as a collapse student you’ve worked in nearly every engineering department which one do you want to working full time I said manufacturing research and development they replied with what is your second choice most people in manufacturing R.&D. Have at least 10 years of experience I sent my second choice would be plant layout couple weeks went by and Michael up supervisor came back and said Rick guess what I’d spoken to manager of manufacturing R.&D. and he wants to hire you in this job I worked as a project manager investigating new Manufacturing Equipment one of my projects involved the application of industrial robot OPS I found a good application and this became the first robot application at the Waterloo component works industrial robot technology was new and I was told that the john Deere administrative center in Moline Illinois wanted to hire somebody to work with this technology exclusively I interviewed for the job and got it and basically became an internal consultant to call john Deere factories four industrial robots eventually the department that I was working and at the administrative center was moved to the john Deere technical center I continued working with industrial robot technology and also that involves some other interesting technologies industrial vision Systems Computer Networks Computer aided process planning systems and automated inspection systems the management at the technical center some item dressed in computer based technologies and my ability to work well with people and asked me to be in charge of their computer operations this was an exciting time personal computers minicomputers and mainframe computers were being integrated into networking solutions I was in this position for a couple years my last job with john Deere was in the finance department at the administrative center seeking to help installing a Computer Network for Financial Services and they needed are people trained to use it off actively technology by itself is not good unless you get your employees to use that I remember in my interview with the chief financial officer and saint me write down the hall I have some great computer scientist who really know computers but none of them have an MBA and therefore I’d like to hire you into my department sometimes you may wonder if your education will really ever held without my MBA I would not have gotten this promotion the 1980s were top years for john Deere agriculture was very slow no one was getting hired nor promoted and raises were small I decided to leave john Deere and work for small manufacturing company and Columbus Ohio this job turn out to be a bad move so I decided to look for another job and I found myself a leading industry to teach for Saint Andrews university and one mention also that in about 1985 im friends started a business called saw for generation specializing in developing and using sports software initially we hope that this would become of big business but isn’t proven to remain a small side interest to both me and my partner for sun for generation I did all the computer programming and learned a lot about databases and how to program in SQL my college teaching work experience began with Saint Ambrose I actually taught as an adjunct or part time instructor while I was still working for john Deere I enjoyed teaching and got that someday I might want to do this full time while I was looking for a new job in Columbus Ohio I made a connection with Saint Andrews university and they offered me a fulltime teaching position in industrial engineering I’m now approaching nearly 20 years of teaching at saint amber oaks about half are these years have been teaching courses and engineering including engineering graphics and computer aided design problem solving with microcomputers manufacturing processes and computer integrated manufacturing the latter half of my years at Saint Andrews had been teaching operations management and business statistics in the college of business I have also had the pleasure of teaching as a part time professor intermittently at the University of Iowa I have talked manufacturing processes and design for manufacturing for the college of engineering and more recently operations management for the college of business as I reflect upon all of my work experience both in industry and in academia I think my common theme has always been my interest in using technology to improve operations my professional interests continue to include Manufacturing Technologies and more specifically process evaluation and selection Computer Technologies and for teaching various teaching technologies you can get additional information about my interest and see some of these technologies on my website I have lived the first part of my life in Chicago Illinois and the latter part of my life in the quad cities which includes rock island Bettendorf an import and Moline I lived in Columbus Ohio for a year and half and I currently live and have been living and Claire Ottawa for about 10 years I designed and built a house that I’m living in acting as a general contractor I am very happily married have two children of my own and two stepchildren I’m very fortunate to have a great family some of my personal activities and interest include tennis skiing travel spending time with my family and are working at home improvement projects thanks for taking their time to spend a few moments with me, I hope you have enjoyed what I have shared with you if you ever deny help her have any questions please let me know the MMM MMM MMM MMM MMM MMM this.