"Core Skills and Transformational Mind-Set"  Please respond to the following:

* Examine the “Core Skills for Success” in Chapter 1 of Roberts’ text. Analyze the primary manner in which these skills aid IT professionals when an organization must implement information system changes. Support your response with at least two (2) examples of an IT professional’s application of the core skills for success.
* Investigate the manner in which three (3) of the six (6) mind-set and behavioral changes impact IT leadership’s ability to promote change in an organization in relationship with integrative functions and processes. Provide one (1) example to support your response.

Core skills are systematically focused combinations of individual technologies and production skills that support a multitude of product lines of a company. Looking at this definition and come up with the Analysis of the primary manner in which these skills aid IT professionals when an organization needs to implement information system changes. I would say that IT professionals are in a constant’s way of learning new things. Therefore, the core skills help them to learn new changed easy because they just have to add little to their knowledge.

Two of the examples can be when someone has to learn to cat a Cat 5 and changing the hard ware of the computer which can be easily done by everybody without any problem. It can be done by using the best practices methods

The Self-trust mindset impacted the IT leadership’s ability to promote change in an organization in relationship with integrative functions and processes by motivating them to do anything great by trusting them self and believe in their capabilities.

The Positive mindset brings the ideal of positive thinking to whatever they are planning to do by having an attitude which they would expect good and favorable results. In addition, they use a process of creating ideas that create and transform those ideas into reality.

The last mindset which I would like to talk about is the Focused mindset which they used to focused on what the current system is and what changes can be done to improve on the old system which would be acceptable. One of the examples is any upgrade to an existing operating system which is running on most of the operation of the company which can be a cost effective on the organization to replace.

**Core skills** are systematically focused combinations of individual technologies and production **skills** that support a multitude of product lines of a company. Looking at this definition and come up with the Analysis of the primary manner in which these skills aid IT professionals when an organization needs to implement information system changes. I would say that IT professionals are in a constant’s way of learning new things. Therefore, the core skills help them to learn new changed easy because they just have to add little to their knowledge. Two of the examples can be when someone has to learn to cat a Cat 5 and changing the hard ware of the computer which can be easily done by everybody without any problem. It can be done by using the best practices methods

Transformational Mind-Set  **Analytics** – Inform clinical decisions with insight about critical care delivery workflow, and automate the distribution of that insight  
2. **Best Practices** – deliver optimal care at the right time every time using evidence-based guidelines, intervention criteria, referral criteria, diagnostic algorithms, order sets, and workflow checklists.  
3. **Adoption** – Establish widespread use of outcomes improvement care practices through proven team member training critical to results at scale.  
4. **Adaptive Leadership Culture and Governance** – Create C-level outcomes improvement champions empowered with measurement metrics to change culture and establish a data governance process  
5. **Financial Alignment** – Deliver optimal patient results in light of the fluctuating payer and provider payment models

Darlene, I can agree with you especially on this point " The ability to relate to various job function areas and understand how things work in these areas is essentially important, especially when changes are in progress."﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿﻿ Changes can come at a time where not everybody is able to cope with that easily. Therefore, it is important to understand how things work and try by all mean to make them work by trying different ways of achieving the required work. ﻿﻿﻿﻿﻿﻿

"A Consultant’s Viewpoint and Relationships"  Please respond to the following:

* Read and reflect upon the “Top Ten – Considerations for Evolving into the Role of a Consultant” in Chapter 5 of Roberts’ text. Propose three (3) actions that IT professionals should undertake in order to successfully achieve the Top Ten. Determine the single most paramount consideration, and justify your selection.
* As an IT professional who may face differing and competing priorities from business units, suggest one (1) strategy for negotiating an achievable project scope without damaging the relationship with business units. Support your answer with the steps that you would take in order to implement your strategy.

1. I can agree with you Darlene on this quote” Practice positive methods of communication with others. Plan ahead what you’re going to say by going over how you’re going to say it.” The positive methods will make your client trust you and become open to deal with you. Planning ahead would make you prepared to delivered and boost the confidence level which in turn make you crediable.

"Project Management Skills and Formal and Informal Project Management"  Please respond to the following:

* Speculate on the main reasons why the skills and training of project managers have changed over time. Give your opinion as to whether these changes have been good for business. Provide a rationale for your response.
* The skills and training of project managers have changed over time because of the new technology. As a result, project managers today must be trained so that they can understanding the technology rather than a command of technology which would result in a shared accountability association between the project manager and all affected line managers.
* These changes have been good for the business because it put them on a competitive market which would result in increase their profit and cutting their project costs.
* Suppose you are starting a Project Management Office (PMO) at an organization. Give your opinion as to what the key considerations would be for the endeavor to be successful. Speculate whether you would hire an experienced project manager or a consulting company to facilitate the starting of the PMO. Support your rationale with at least two (2) advantages of hiring your selection.

The key considerations for starting a Project Management Office at an organization and for it to be successful is to understand the purpose of the PMO in the first place. Once you understand that, then you can know how to put everything in place according to its purpose. This can be done by defining the purpose and goals of the PMO. This would make everything follow without any delay and make it successfully.

Coming to the point of who to hire, I would hire a consulting company to facilitate the starting of the PMO because they bring in an expert who has experienced some successes which is important for the company. The other reason for hiring a consulting company is that an individual may not be familiar with your industry whereas a consulting company would be better able to meet industry needs and concerns. Therefore, hiring the consulting company would be the best choice for me for the above-mentioned reasons.

"Managing Projects and Requirements Gathering"  Please respond to the following:

* According to Roberts, the industry deems only 25% of technology projects successful. Analyze why this statistic is so low. Suggest strategies that an IT department could use in order to increase the success rate of projects. Give your opinion on whether the structure of the PMO contributes to this statistic. Justify your response.
* Imagine that you are a senior business analyst with a multinational corporation. Examine the process of requirements gathering discussed in Chapter 9 of the Roberts text. Suggest your strategy for gathering requirements from across divisional lines. Determine at least two (2) obstacles that you may encounter, and propose one (1) method for overcoming each. Provide a rationale for your response.
* According to Roberts, the industry deems only 25% of technology projects successful. This could be due to many reason which exits in the information Technology industry. First of all, there have been luck of seriousness in the industry because the products don't bring major ham to the user. On this, I mean the life of users to be on danger if the product is produced. For instance, in the medical field, if a wrong drug is made for the patient, it would make the life of them in danger and that could lead to death. Therefore, a careful study is taken into consideration before coming up with the best drug and more research has to be conduct which takes year to come up with the drug. IT on the other, hand don't give the project manager enough time to research more about the project.
* The best way to increase the success rate is by giving the project manager enough time to learn about the product and have enough knowledge about that. This would give them more time to master the product and structure the project without any problem.
* To gather the requirement, the project manager need to meet and have a detailed information exchanged with the sponsor. This would make it easy for them to make the project succeed.Failure to that might spoiled everything because you might encounter some sponsor who luck communication skills and unwilling to work on your time. The best way is to work on their schedule.

"Methodology Mind-Set and Management Processes"  Please respond to the following:

* According to Kerzner, “The importance of a good methodology cannot be understated.” In your own words, examine the significance of this statement as it relates to integrative information technology solutions within an organization. Provide one (1) example of an integrative information technology solution to justify your response.

The importance of a good methodology cannot be understated because each and every company has its own methodology which is good for that particular company. The same methodology can be bad for another company. Therefore, it is very difficult to understand the goodness of the methodology. As a result, it is important to develop the methodology on reality and not myths

* As a Chief Information Officer (CIO) for a large organization, compare and contrast three (3) of the five (5) main management processes described in Chapter 5 of Kerzner’s text. Suggest one (1) strategy to apply the business value of each selected management process to your current or future organization.
* Three of the five main management processes are total quality management, risk management and concurrent management.
* Total quality management run continuously and concurrently in every area in which a company does business. The main purpose is to bring quality products to market. Trying to bring quality products on the other hand can be a cost measures which need to be taken into consideration. One strategy to apply the business value to it is to invest in the product which would produce the product without problems.
* Concurrent engineering is very important for shorten product development time. It has some negative on the other hand because it is very difficult to put more resources and time on every project.
* Risk management is an organized means of identifying and measuring risk, developing, selecting, and managing options for handling those risks.
* Risk on the other hand, can happen at any time during the execution of a project. Therefore one strategy to apply to the business value is by minimized those risks by using business best practice methods.

Database and Data Warehousing DesignIn order to provide an appropriate database design and consider the need for data warehousing particularly there needs to be an understanding of the primary business function

Database and Programming Design2and the way in which information will flow across all areas of the business accordingly. The accompanying proposal outlines the design requirements and representation of business information accordingly.Database DesignThe primary role of the database will be to ensure that a central repository of information exists and is made available through comprehensive relationships in order to meet the requirements of various business functions so that the long-term objectives and strategic aims of the organization can be met. For this purpose, there will be a large element of sales, marketing, and inventory information provided within the database and information types.Entity TypesVarious entities will be defined within the database so that the information contained is useful and can also be used as part of meaningful and effective data relationships. For the outlined information the below schema has been devised:•Customer – people or organizations that purchase an item/serviceoCustomer No (INT) PKoFirst Name (VARCHAR)oLast Name (VARCHAR)oCompany (VARCHAR)oZip Code (INT)•Inventory – items/services which are available and soldoItem No (INT) PKoDescription (VARCHAR)oPrice (CURRENCY)•Products\_Ordered – items/services purchased by customersoItem No (INT) PKoOrder No (INT) FKoQuantity (INT)As well as the appropriate table structure there is also the provision of the data types that would be expected in each accompanying field.

Database and Programming Design3Naming Convention

Vendor Relationships and Marketing IT’s Value "  Please respond to the following:

* Many organizations use information technology vendors to develop company solutions. Determine at least three (3) challenges associated with using vendors. Analyze the relationship between competitive advantage and vendor relationship management overall.
* Specify at least three (3) approaches for marketing IT’s value. Propose (1) method for implementing each approach within an organization. Provide one (1) example of each approach to support your answer.

Three challenges associated with using vendors is the cost of the service, therefore it is important to look for the one which is cost effective. The other one is to get the best vendor. It is always a challenge to get the best vendor because of competition among them. Sometimes you might get the most affordable but not quality one. The other challenge is getting the vendor who are good for the specific task. Some of them can be good at other tasks.

Three approaches for marketing IT’s value is by treating it as a service provider﻿﻿﻿﻿﻿﻿﻿ because the whole organization believe in the services and products of the department. Then the second approach is to increase the Internal marketing strategy which will increase the credibility and the third one is by building partnerships. And lastly, turning around any negative perceptions. One of the methods for implementing each approach within an organization is by committing to a twenty-four by seven marketing mindset throughout the entire organization which will make the department valuable. This can be done by continue making everybody the awareness of the department.

"Social Organizations and Core Competencies"  Please respond to the following:

* Investigate the importance of effective change leadership in relation to an organization’s adoption of social media initiatives. Next, suggest two (2) ethical issues that a CIO may encounter when implementing social media initiatives. Propose (1) strategy for addressing each identified issue. Provide a rationale for your response.

The organization’s adoption of social media initiatives is very important because it has simplified the business through the interaction on the media by sharing the innovation at a quick time as soon as it hit the market.

Two ethical issues that a CIO may encounter when implementing social media initiatives is the privacy of the users which is compromised most of the time and the publishing the photos of the employee on social media without their consent.

The importance of effective change leadership in relation to an organization’s adoption of social media initiatives.

One strategy for addressing each issue is by making sure to protect the privacy of the employee as much as possible and getting the go ahead from the employees before putting their photo on the media. Doing so would put the CIO on a better issue with the employees and the users because the consent has been given.

* Select three (3) of the twelve (12) core competencies for IT professionals from Chapter 14 of the Roberts text. Rank each one (1) according to its importance for IT professionals to possess in order to develop their careers and compete in the job market. Justify your ranking.

Three of the twelve core competencies for IT professionals are problem solving, technical understanding and project management. Ranking each one according to its importance for IT professionals to possess in order to develop their careers and compete in the job market. I would start from the least important to the most important which are technical understanding, problem solving and project management. IT personal must understand the technology first for him or her to be interested in the field, then they have to lean to solve problems and the most important of the whole is to manage the project because it is the finishing part which is important in the field.

"Cultural Change and Project Sponsorship" Please respond to the following:

* Examine the primary reasons why project management causes a cultural change and the impact of that change on integrative information technology. Support your response with at least one (1) example of a cultural change that project management can cause

Project management established set of values that employees can identify with. These values are immensely important to the corporate culture. These culture changes can bring corporation among team members which would be important in the information technology.

* One example of a cultural change that project management can cause is the effective communication among team member. An effective way of communication between members make an understanding the purpose and the goal of the project to be understood by everyone.
* The literature affirms that project sponsorship is a major component for the successful completion of projects. Select an organization where you would aspire to serve as a CIO. Explore the role of a project sponsor and highlight the significant reasons why such a position is pivotal to your organization’s success. Provide a rationale for your response.

The organization I would aspire to serve as a CIO is the Affordable Healthcare. The role of a project sponsor is to establishing objectives of the project, providing guidance, explaining political factors to project managers and to be able to be contacted by the customers and clients.

This position is pivotal to our organization’s success because it makes the project to be successful by guiding the managers on the direction of the project and made the funds available for people who don’t have Health Care. In addition, it brings the awareness of how important it is of having health care and encourage people to sign up for the program.

Logical is more or less the same like that of the current logical diagram, but with more devices and wiring.Edge protection- This placement ensures traffic filtering, routing security, firewall integration and IP spoofing protection to discard anomalous traffic flows, prevent unauthorized access and block illegitimate traffic.Enhanced Availability and Resiliency- Hardened devices are placed as shown in the figure so as make sure that company has optimal service availability and remove any system and interface-based redundancy.Internal Access- The equipment is arranged as shown in the figure to ensure email-web security, firewall prevention and global correlation and granular access control.Threat detection and management - this part ensures intrusion prevention and infrastructure based telemetry so as to identify and mitigate threats.Network FoundationProtection- As shown in the figure, device hardening, and control and management plane protection is ensured throughout the entire infrastructure to maximize availability and resilienc

"Project Management Best Practices and Recognizing Project Migraines"  Please respond to the following:

* As a newly minted CIO, you have been hired to join a company without a history of project best practices. Suggest strategy and process for your Chief Executive Officer (CEO) to develop standards for your organization that is without any such organizational project history. Justify the main reasons why your suggestion would be effective.
* Reflect upon Kerzner’s “Sources of Smaller Migraines” from Chapter 2. Select three (3) issues from the list. Then, specify the reasons why these issues are more critical to control than the others. Justify your response.

As a newly minted CIO, I would do the project with the best knowledge which is available in our organization. There are a lot of trained IT personnel in every organization and those skills can be used to do the project without any issues. In addition, I can continue building the team internally instead of outsourcing. This would result in not sharing our idea of our product with the outside the organization.

Three issues in Kerzner’s “Sources of Smaller Migraines are Authority challenges, Open-ended deliverables, and Cost overruns.

* Authority challenges is more critical to control because once the high authority don’t trust the success of the project, they started delaying everything by slowly pulling out their resources
* Open-ended deliverables are not well supported by the executive, it becomes a problem for the project to be completed and delivered good with the support of every executives.
* Cost overruns can make a project to fails because enough time and the cost of the overall project was not carefully studied. This results in most of the time delivering the wrong project with less expectation to the marketplace.

"Project Evaluation and Microsoft Solutions Framework (MSF)"  Please respond to the following:

* Analyze the relationship between a Feasibility Study and a Cost-Benefit Analysis. Investigate the main reasons why both of these evaluations must tie to the organizational strategic plan. Suggest two (2) issues that an organization may face if these evaluations are not tied to its strategic plan. Provide a rationale for your response.

Feasibility study is the analysis and evaluation of a proposed project to determine if it is technically feasible, feasible within the estimated cost, and will be profitable. While a Cost-Benefit Analysis is a type of an analysis which considers both quantitative and qualitative factors for analysis of the value for money for a project. These evaluations must tie to the organizational strategic plan because they work hand in hand to making the process of the project become successfully. First the study needs to be made and then the financial part needs to be taken into consideration for any project. Therefore, the above points tie them together to make the project work.

Two of the issues that an organization may face if these evaluations are not tied to its strategic plan are fund overruns and project failure. Without a careful study of the project would result in overspending the money for a simple project which may lead to the cancellration because of luck of enough resources.

* Review the MSF utilized by Microsoft Corporation in Chapter 15 of Kerzner’s text. Give your opinion as to the degree to which the MSF is versatile. Speculate on whether or not other companies could use MSF, and examine why or why not.

The Microsoft Solutions Framework (MSF) is a good way of achieving doing thing which has been tested many times and proven to work most of the time. Therefore, it is important for most organization to use this approach because it simplified, they work by working with something which works properly. Using MSF would save most companies resources which can be allocate to other things.