

## Chapter 7: Professional Ethics in Computing

### Study Questions:

1. What are the professional ethics issues central to therac-25 case?  
Professional ethics issues are the one that is most talked about because it is the high standard and the one that should be more considered and talked about.
2. Explain the pact that professions could be said to have with the society in which they operate.  
Society consist of people that are professionals and experts in which they should know each others profession and their values on what to do and their experiences and how they can help the society.
3. What five characteristics are usually associated with professions? Explain  
Five characteristics of professions are first you should be a good professional and a person who had a good degree. 2<sup>nd</sup> a professional should be good enough 3<sup>rd</sup> they should do their job 4<sup>th</sup> they should be respected by everyone and the last one is that they should be a good and productive leader that many people and their subordinates will look upon.
4. Use the five characteristics of professions to describe the state of computing. Which characteristics does computing have? Which characteristics does it lack?  
State of computing is really hard to know and determine that is why a person need to have a certain profession to study and analyze a thing for it to know and determine what state of computing is all about.
5. What functions can a professional code of ethics serve?  
What a professional can contribute is their skills and abilities in the field that they are good at and from the school that they graduated.
6. How is software engineering more like a profession that other fields within computing?  
Software engineering is like a one field in IT where many people are doing software and building it they are like developers and should be taken seriously.
7. How does categorical imperative apply to the employer-employee relationship? How does it constrain employers in treating employees? Explain  
Categorical imperative is applied to employer and employee relationship because a employer has high position that the employee which makes them categorized to one another.
8. Are there limits to the loyalty an employee owes an employer?  
There are limits because even though an employee works for the employer for so long it cannot be still be measured on something and it still depends on the situation. Situation like these today are not happening anymore because of how bad the economy is and how jobless people are.
9. How do the agency, paternalistic, and fiduciary models of client-professional relationships deal with the disparity of knowledge between the client and professional? What is wrong, if anything with each of these models?  
Agencies deal with them by having human resource managers who knows how to handle this kind of people and they are professionals who know what are the different characteristics and reactions of a individual.

10. Blowing the whistle on ones employer might be thought of as a manifestation of conflicting responsibilities in the role of computer professional. Explain  
Doing something that will break the trust of the employer is the like the end of discussion and the end of connection between everything that you and employer have because once a incident happen the employers trust is hard to regain and it is better to look for other jobs than waste your time begging for your employers trust.
11. How does categorical imperative apply to the buying and selling of software?  
Categorical imperative is related to buying and selling of software because hardware and software are categorized and has their own uses because they are produced by many people and different software developers.
12. What Is negligence? How it is determined?  
Negligence is doing a thing or crime that is not meant to happen. If you accidentally bumped onto someone while driving it is called negligence because it is negligence due to carelessness because you are driving carelessly.
13. What is the difference between a “gun for hire” and a professional?  
Gun for hire is like a person that is hired even though they don’t have any experiences on the desired job because that position is really in need why a professional is the one that has all the power and the position is compatible and related to his course and his wants.
14. Take one of the scenarios at the beginning of the chapter and use material introduced in the chapter to analyze the situation of the computer professional in the scenario.