Midterm Assignment

One cognate that one can choose when majoring in Informatics is a Business Cognate. “The purpose of this cognate is to introduce you to the fundamentals of business-marketing, finance, operations, and management – and how information technology informs modern-day business at all levels.” (SOIC, Unknown) This cognate also entails working with email and websites to fully apply technology in business so that businesses can thrive and become more effective and efficient.

If someone is majoring in informatics but also has a love for business and wants to get a job that relates to business, then one should have business as a cognate. Jobs that someone can get with this cognate are vast and there are many available. These jobs include “working in private industry, starting your own business, or pursuing a graduate business degree...” (SOIC, Unknown) One can also become a Business Systems Analyst, an IT Manager, or even a Clinical Business Intelligence Analyst.

There are a few classes that someone must take to pursue their education with an informatics degree with a cognate of business. One of the most important classes that someone would need to take is BUS-K-201, which is The Computer in Business. This class is very important because informatics is heavily reliant on computers and having a class that is called “The Computer in Business” seems like it is exactly what someone needs to know. Other classes that one would need to take would include BUS-A 200, which is called “Foundations of Accounting”. This class
Obviously deals with the occupation of accounting and proves to be very important to informatics majors with business cognates. Additionally, all classes that have to be taken for the business cognate are through the Kelley School of Business.

Another cognate that someone majoring in Informatics would have to take is the Security cognate. This cognate deals with social interactions that happen within our economy and also with the sharing of online information. Since, “Cyberspace is a dangerous place, more people are needed to protect it.” (SOIC, Unknown) People who take this cognate will learn how to take on cyber bad guys, hackers, and other people who look to harm others via technology. This cognate also teaches people how “networks are protected, the technologies and protocols used, and the complex web of issues that governments and businesses face in trying to protect their citizens and customers.” (SOIC, Unknown)

Jobs in this field are in high demand and are also rapidly growing because of the exponential growth of technology in the past few years. Jobs in this field include Computer Forensics Investigator, Computer Crime Investigator, Vulnerability Security Research Engineer, and Security Analyst. All of these jobs have to do with using technology to protect the public and keep people from breaking the laws.

There are only a few required courses that you must take to fulfill this cognate, but all these courses prove to be extremely important to the cognate and learning about this field in informatics. You only need to take six different classes to complete this cognate and to fulfill the Security minor. Some of the required classes include; INFO-I 130 Introduction to Cyber Security, INFO-I 230 Analytical...
Foundations of Security, and INFO-I 231 Introduction to the Mathematics of Cyber Security. These classes are three classes that all informatics students must take if they want to have security as a cognate. There are also six other classes that one can take but must choose three from the list of six.
Sources Cited

