Hazardous Materials Management.  Instructions Congratulations! You have just become the safety manager for Podunk University. Your position is at the campus in Podunk, Colorado, and your predecessor left the job a year and a half ago. There has been nobody in the position during that interval. The commitment of the institution to safety is dubious at best, but, well, you needed a job, so here you are. After introducing yourself to the secretary who also supports a half dozen more senior people, you decide to focus on hazardous material and hazardous waste issues since you just completed a great college course on those topics. You tour the campus and discover that the following departments and programs are your responsibility: the biology department, which has animal dissection, human dissection, a microbiology lab, and a medical laboratory education program that uses small quantities of chemicals; · the chemistry department, which has uninventoried chemicals dating back to who knows when and a new forensics program; the physics department, which has high-voltage equipment, lasers, and LEDs; the English department, which has a lot of books, papers, and photocopiers; the math department, which has a lot of computers and whiteboards; the automotive technology department, which has everything pertaining to auto repair including solvents, asbestos brake linings, pneumatic tools, waste oil, and cutting and grinding tools; and the Massive Arena, one of the original buildings on campus, which has a variety of interesting problems, including asbestos insulation and a major ongoing renovation. With the thought of developing a plan to ensure workplace compliance with hazard material management standards and recommending actions needed to implement an effective workplace hazardous materials management program, respond to each of the questions below. Where do you start? Where should you focus your initial HazCom efforts? In what order do you tackle the rest of the departments? What are the HazCom issues in the automotive technology department? What are the hazardous waste issues in the automotive technology department? What are the HazCom issues in the chemistry department? What are the hazardous waste issues in the chemistry department? With the Massive Arena renovation, who are the people to whom you need to communicate hazards? What are your main concerns with the physics department? What are the hazardous material/waste spill response issues for the university, and how should you prepare for them? Is any HazCom training needed for the English and math departments? What are some resources for finding out how to solve the HazCom issues? You must choose technology or trainers to do the needed training. What are some issues to consider when selecting these? Due to budget cuts, it turns out that you have to do the training yourself by using PowerPoint. What are some considerations when developing your PowerPoint presentation? How can you evaluate your training to ensure that it is accomplishing your goals? One of the chemistry professors working with some of the automotive technology faculty members invents a new nonflammable compound that will render obsolete the need for solvents to degrease auto parts. She wants to market the stuff. What needs to be done before it can be marketed, and who should do it? The university decides to partner with the chemistry professor and market this new compound. Due to the lack of flammability, it is a great hit nationwide. They then decide to market it worldwide. What concerns need to be addressed? It turns out that this wonderful new compound, when used in conjunction with another chemical, makes a really great explosion. As the university is manufacturing the stuff in large quantities and storing it on the grounds, what concerns do you now have? What experts should you consult? The biology department has been busy, too. The little microbiology lab is big now, and they are working with stronger pathogens. How would you determine the new hazard communication requirements and things that you should do beyond that minimum? After a tough 5 years, you have the Podunk University campus running smoothly, everybody is trained, and your successor will not have nearly as much of a challenge as you did. Congratulations, and best wishes on your next challenge! Your submission must be a minimum of five pages in length, be double-spaced, and be in compliance with APA style. Support your answers to the questions with appropriate in-text citations, corresponding references, and a thorough analysis with strong arguments. You must use at least two references, one of which may be the textbook. The title and reference pages do not count toward meeting the minimum page length requirement.