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Distance Education at WPI

An Interactive Qualifying Project Report

submitted to the Faculty


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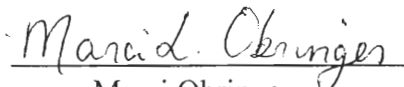
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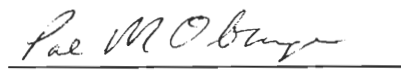
in partial fulfillment of the requirements for the

Degree of Bachelor of Science

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ABSTRACT

This Interactive Qualifying Project was written for the WPI Department of Management, as well as the Instructional Media Center. The purpose of this project was to survey the students in the Department of Management's distance education program and gather information and opinions about the effectiveness and quality of the distance program. The results were analyzed, conclusions drawn, and recommendations made to both the Department of Management and the Instructional Media Center.

CHAPTER 1

INTRODUCTION

1.0 INTRODUCTION

Today's society is changing constantly and the demand for higher education is becoming more prevalent. Not only is industry requiring a baccalaureate degree in a discipline, it is also looking for individuals with advanced college degrees. This demand, coupled with increasing tuition costs has made people rethink how they will achieve a college degree. Many students are returning to school on company provided tuition reimbursement programs. The challenge is scheduling time to maintain a full time career and still find time to attend school on a part time basis.

Colleges and universities have begun to address part time higher education. More and more classes are being offered at night and on weekends. In addition to the programs already offered, there is a newer and maybe better way that is becoming more widely used. That method is distance learning.

Surprising to many observers, distance learning has been in use for some time. It first began in America in 1874 (Rahm, Going Remote: The Use of Distance Learning, the World Wide Web, and the Internet Graduate Programs of Public Affairs and Administration). For WPI, distance learning began in 1979 with graduate courses offered for the MBA program. Today, these courses are offered in three formats: interactive videoconferencing, videotape and Worldwide Web (1999-2000 WPI Catalog). These courses follow the regular academic calendar.

Distance learning allows a student more flexibility as to when and where to attend class thus allowing him/her to maintain a full time job and continue to pursue a college degree. There are many teaching methods of this type – on-line, web-based, video, etc.

This Interactive Qualifying Project (IQP) researched and evaluated student opinions on which methods are the best, that is, which are easiest and effective for the student, best for student-teacher interaction, and best for learning. Hopefully, these results will demonstrate whether or not distance education courses deliver the same quality of education that WPI is accustomed to.

Each school and even each professor has his/her own way of preparing and delivering a class, whether it is the traditional class or the distance education class. For instance, as the internet has become a more powerful teaching tool and its use has grown, some professors have set up a web page to post questions and answers to problems while others use links to have a live broadcast of the class. Other professors use videotapes to record a lecture and then send it out to the students at home. Still other professors use a combination of the two. Which methods are most effective? Which are most efficient? How does distance learning compare in to the traditional classroom setting? Is the quality of education comparable? These are the topics this paper evaluated.

On the other side of the coin, what do students like or find most effective? It is safe to assume that all the students in a distance learning program have a degree already and that degree came from attending traditional classes. These

questions were asked of students as far as which methods are more effective, which are most flexible for their schedules, and which make learning the easiest and most fun. We plan to ask similar questions about traditional learning as we do for distance education. Lastly, we looked at evaluating student's opinions on the quality of education that they have received from distance learning. All of these issues have been addressed in this paper.

In conclusion, we researched different techniques of distance education and surveyed students of distance education at WPI. After the data from the survey was gathered, the survey was analyzed. These results were written up in the IQP format and given to our clients, WPI Department of Management and WPI Instructional Media Center. Hopefully, the results will yield pedagogical benefits for the distance education programs and faculty at WPI.

CHAPTER 2

LITERATURE REVIEW

2.0 Literature Review

Distance education is any form of teaching and learning in which teacher and learner are not in the same place at the same time, with information technology their likely connector (Gilbert, Why Distance Education?, AAHE, Dec. 1995). A contrary belief is that distance education is not defined by the geographic separation of the learner and teacher, but by the amount of dialogue and structure (Saba, Is Distance Education Comparable to Traditional Education?, Distance Education Report, May 1998). The structure and dialogue must encompass more than face to face communication, according to Dr. Jonathon Barnett, Associate Professor of Fire Protection Engineering at WPI. Telephone “office” hours, e-mail, faxes, and express mail are all part of the communication process for distance education students and professors. Overall, a primary objective of distance learning is to make the learning experience of the remote students as close as possible to that of a front-row seat in a traditional classroom or a face-to-face meeting at headquarters (Peabody, Plan ahead Satellite Communications, Aug 1997).

2.1 Strengths

2.1.1 Flexibility

The flexibility of the distance education program offsets the difficulties created by work schedules. For example, Donald Sanders, a distance education student from East Carolina University, commented that he could not complete a degree (without distance education) in his field because no colleges in his local area offer such courses. Now, he is allowed to spend more time home with his family. Distance education classes that are delivered via videotape prove to be a popular form among professionals that are enrolled in a distance education program. Although communication is difficult for a distance education curriculum, some professors believe that the simple fact of being on camera has enhanced their communication skills (Hubbard, Teaching courses through distance education, Cornell Hotel and Restaurant Administration Quarterly, Aug 1997). In addition to better communication by the professor, the students need to actively communicate with the professor through e-mail, telephone, faxes, or other means of communication that may be established by the professor.

Technology adds choices as to how, when, and where students access learning opportunities. Administrators and faculty often fear that the addition of technology supports can spell the end to on-campus, residential learning experience. However, research suggests that availability of traditional plus virtual learning options will create new environments in which students can make choices to customize the learning experience to suit their personal and changing

needs (Smith, Preparing Faculty for Instructional Technology, Cause/Effect, 1997). This may aid in distance education becoming the preferred method of higher education.

2.1.2 Diverse Students

Distance education students are often found to be from a wide variety of backgrounds, from work to social life. Susan Hubbard, a professor of distance education, was able to collect research and make conclusions on the students that participate in her distance education classes. She concluded that the diverse student brings a richness to class “discussions”. They participate in discussions by sending messages and comments from previous lectures. The subsequent classes are begun with their input and continue the previous class discussion with their questions and comments. This format serves as a wonderful review and clarification for all students (Hubbard, Teaching courses through distance education, Cornell Hotel and Restaurant Administration Quarterly, Aug 1997).

2.1.3 Communication and Discussion

Communication and discussion are often difficult for the distance learner. However, the benefit of distance education, compared to that of traditional education, is that the distance learner can think through their question before posting it. They also must take initiative to find their own answers instead of relying on faculty (Campbell, Evaluating ALN: What Works, Who’s Learning?, ALN Magazine, Aug 1997). This may ultimately benefit the distance student

with a better understanding of the course material. The main point is the professor may be more accessible to the traditional student and may be able to provide a quicker response to traditional students' questions. The traditional student may rely on the faculty for answers, as opposed to researching their own questions. This could negatively impact the course understanding for the traditional student. Furthermore, Dr. Tom Kubala, professor at the University of Central Florida, found distance students are often more willing to participate in class "discussions" and other learning activities online as compared to the traditional mode of learning. The measure of anonymity serves as a motivator for students to get involved (Kubala, Addressing Student Needs: Teaching on the internet, THE Journal, March 1998).

2.1.4 Regulation

Distance Education is becoming more regulated due to the growth and interest in distance education degrees. Distance Education Task Force chair, Robert LeClair, states that new regulations for distance education are becoming less restrictive and moving towards standards similar to that of traditional education. Lower restrictions are to allow more growth in an evolving education market (Emmons, Educators Tackle Top Issues, Legal Assistant Today, Sep/Oct 1998).

2.1.5 Successful Distance Learning Program

A well-planned curriculum, combined with a dynamic educational setting and high quality content, will surely result in a successful distance learning program. Four key areas accomplish this:

- ❖ Interaction is mandatory-distance education students need to interact/communicate with faculty and peers throughout the course.
- ❖ Tailor the syllabus to the distance learning method-faculty needs to provide a syllabus that meets the need of the distance education class.
- ❖ Facilitators at remote sites help the students get the most from the learning experience-facilitators need to be available to aid students with questions, such as where to go for information, required courses, etc.
- ❖ Comprehensive planning is essential to a successful distance education course and program (Peabody, Plan Ahead, Satellite Communications, Aug 1997).

2.1.6 Improve Distance Education

Classrooms allow for a lot of interactions, with good use being made of all skills and knowledge the students may already have. Traditional forms of distance education do not allow any exchanges between the students and many Web based learning systems lack the opportunity for student / faculty interactions, even though the Internet provides a great opportunity to include everyone. By embedding a combination of a listserv and a newsgroup into the Web pages of the

learning material, students' questions, answers and comments can be read in the context of the topic to which they relate. Hence, all the usual class exchanges can occur and be saved in context for the next student to use (Gibson, Rutherford, Learners are teachers too, Computer Networks and ISDN Systems, April 1998).

2.2 Weaknesses

2.2.1 Video Teaching

Adapting material from a video-based class takes a great deal of thought and preparation to ensure that both the on-campus students and the students watching the video are receiving the best possible instruction. It takes organization, patience, and preparation with the underlying awareness and concern of addressing two audiences. Teaching for live video may test the ability of the instructor, while providing an exciting new way of teaching (Hubbard, *Teaching Courses through Distance Education*, Cornell Hotel and Restaurant Administration Quarterly, Aug. 1997). A concern for teachers is that the distance student may not be receiving the same class delivery as the traditional student.

Due to lag time created by mailing tapes to distance students, assignments and tests are received from the distance students after their on-campus due dates. The problem with this approach is that the final grade is calculated and reported after the quarter is completed. This is particularly frustrating from a faculty member's standpoint, because the next quarter begins before the previous "extended" quarter ends (Hubbard, *Teaching Courses through Distance Education*, Cornell Hotel and Restaurant Administration Quarterly, Aug. 1997).

2.2.2 More People to Teach a Distance Education Class

Unlike the traditional classroom setting, more people are required on the distance learning team. The distance learning team may include an instructional

designer, instructional developer, and technology supporter (Abernathy, The WWW of Distance learning: Who does what and where?, Training and development, Sep. 1998).

2.2.3 Students Feel Isolated

A case study of ‘difficulties in learning effectively in a web-based distance education course’ was conducted by the National Center for Education Statistics in 1998. The significance of this study is to investigate problems with Web-based distance education, due to higher education in the United States facing new challenges and demands for the next century. Various criticisms against distance education appear frequently, such as lack of personal attention, boredom, outdated knowledge, lack of appropriate skills for the workplace, and inappropriateness for a diverse population. Student interviews and classroom observation were the basis of the data for this study. The summary of the survey is that students’ frustration originates from three sources:

- ❖ Technological problems
- ❖ Minimal and not timely feedback from the instructor
- ❖ Ambiguous instructions on the WWW site as well as via e-mail.

Some students’ frustrations were so overwhelming that these students gave up on the formal content of the course. Students’ frustrations are a very real concern in distance education (Hara, Students Frustrations with Web-based Distance Education, Red Rock Eater News Service, July 1999).

2.3 Student Feedback

2.3.1 Student Surveys

The difficulty, today, for distance educators is that very few qualitative research studies have been done, so dynamics of a virtual classroom are unknown. Data from studies of researchers who study distance education may be biased toward a certain technology (Hara, Students Frustrations with Web-based Distance Education, Red Rock Eater News Service, July 1999). For instance, a researcher who teaches using Blackboard® may only gather data from students using Blackboard®, leaving out data from other technologies. Surveying the distance education student will allow a distance education program to grow and strengthen. A survey of distance education students at the University of Central Florida showed that 81% of the students preferred taking Web-based classes, whereas 19% would like to try a combination of Web-based classes and traditional formats. An overwhelming 94% felt adequately connected to the instructor (more connected or similarly connected, as compared with traditional face-to-face classes) (Kubala, Addressing Students Needs: Teaching on the Internet, THE Journal, March 1998).

2.3.1.1 Positive Feedback

Students, overall, have very positive remarks on distance education from course delivery to communication. A suggestion that came out of a survey from a distance education student at Auburn University was to provide distance

education students with a toll free number to open communication lines with the faculty (Hubbard, Teaching Courses through distance education, Cornell Hotel and Restaurant Administration Quarterly, Aug. 1997). Flexibility and convenience were comments received about the distance program. Students like not having to commute to campus and fight for parking. They like the flexibility to do course work at their own convenience. Communicating in a different manner and learning technology were other positive remarks (Kubala, Addressing Students Needs: Teaching on the Internet, THE Journal, March 1998).

2.3.1.2 Negative Feedback

Problems may occur with the Internet provider, making the course work / communication difficult. Some students feel that they miss interacting with classmates, but if they were more involved in class discussions that may help. Others do not like the class forum. And still others comment on needing more discipline to do well in a distance education course (Kubala, Addressing Students Needs: Teaching on the Internet, THE Journal, March 1998).

2.4 Distance Education at WPI

Distance learning was first introduced at WPI in 1979 with the creation of the Advanced Distance Learning Network (ADLN). ADLN was developed to allow professionals to pursue higher education, while maintaining a career without repeated visits to WPI. The flexibility of a distance education program offsets the difficulties created by work schedules (Hubbard, Teaching Courses through Distance Education, Cornell Hotel and Restaurant Administration Quarterly, Aug. 1997). WPI's academic departments work with the Instructional Media Center (IMC) to set up the delivery for the course. There are three ways an ADLN course is delivered: interactive compressed video, expressed-mail videotapes, or the World Wide Web (WWW).

2.4.1 Interactive Compressed Video

Interactive compressed video is delivered in a conference room setting with videoconference equipment or live via computer. The class communicates via ISDN video teleconferencing, with simultaneous Internet video streaming providing two levels of real time backup and material on the web site supplementing the live sessions. This ensures the class will continue, even if technical difficulties arise (HR Course Links Students, managers on four continents, Cornell University Web Page, 1999). According to Joe Kalinowski of IMC at WPI, there are only two or three professors at WPI who teach using interactive compressed video. The reason so few professor use this technology is

that it eliminates the distance education student's freedom to take the class at their convenience. Also, the equipment needed is expensive and not readily available.

2.4.2 Expressed-mail Videotapes

The traditional class is delivered and videotaped in the IMC studio. Many cameras are located throughout the studio to capture different aspects of the professor's delivery (i.e. overheads / lecture material). For the overheads, there are monitors placed on the desks in various locations for the traditional students to see what the professor is presenting. Once the class is complete, the tape is edited and is sent out Second Day Air to all the distance students. For WPI, this is the most popular method of distance education delivery.

2.4.3 World Wide Web

With the increase in Internet technology, the World Wide Web has become another method of distance education delivery. At present, this is used to supplement the above methods. Professors may create a web site for the class, containing a syllabus, class notes, questions asked by students, etc. Web-based education tools provide many ways to increase communication between class members and faculty, including discussion boards, chats, and e-mails (Benefits of Online Learning, Blackboard® Inc., 1999). For example, Lotus Notes can be used for students to communicate with the professors and their peers.

New technological advances are moving the World Wide Web from supplementing the videocassette to engulfing all aspects of the class from delivery

to communication. Programs, such as Blackboard®, are available to the professor, but are not yet solely used by WPI for distance course delivery. Some distance education professors at WPI currently use Blackboard®. Blackboard® organizes the course for both the traditional and distance student. Blackboard® can provide weekly discussion questions or problem sets, group assignments, online journals, online guest speakers, online fieldtrips, and an open forum (Instructional Design Tips, Blackboard® Inc. 1998). Blackboard® will in the future also be able to encompass all aspects of the delivery of a distance education class. Blackboard® is a very powerful tool that will greatly enhance WPI's ability to deliver distance education. Currently WPI only uses a small fraction of Blackboard's® capability. All the professors who have used or are currently using the system use it to supplement the videotapes. Each class has its own section. Within that section the professors have posted the syllabus, all the class notes and posted questions from other students. Blackboard® is now being used as the primary chat room or open forum for online, somewhat real time discussions. This will eliminate the Lotus Notes system that is currently used. Eventually the Blackboard® software will eliminate the videotapes and students will be able to log into their class and watch the lecture through their computer.

2.4.4 Programs

Master of Business Administration (MBA), Master of Science (MS) in fire protection engineering, and a Master of Science in civil and environmental

engineering are all offered via ADLN. Although several departments participate in distance learning, our primary focus is the MBA program.

2.4.4.1 MBA program

The MBA program focuses on the management of technology with concentrations in MIS, technology marketing, technological innovation, operations management, and management of technology. The curriculum encompasses leadership, ethics, communication, and a global perspective.

The ADLN program mimics the on-campus program. This IQP will concentrate on the quality of education between the ADLN program and the on-campus program. Figure 1 demonstrates the increase in ADLN registration from the fall of 1993 to the summer of 1999. Notice that ADLN registration has drastically increased from the fall of 1993 to the summer of 1999, paying special attention to the vast increase Individual videotape registration from AB96 (fall)-E99 (summer).

ADLN Registration

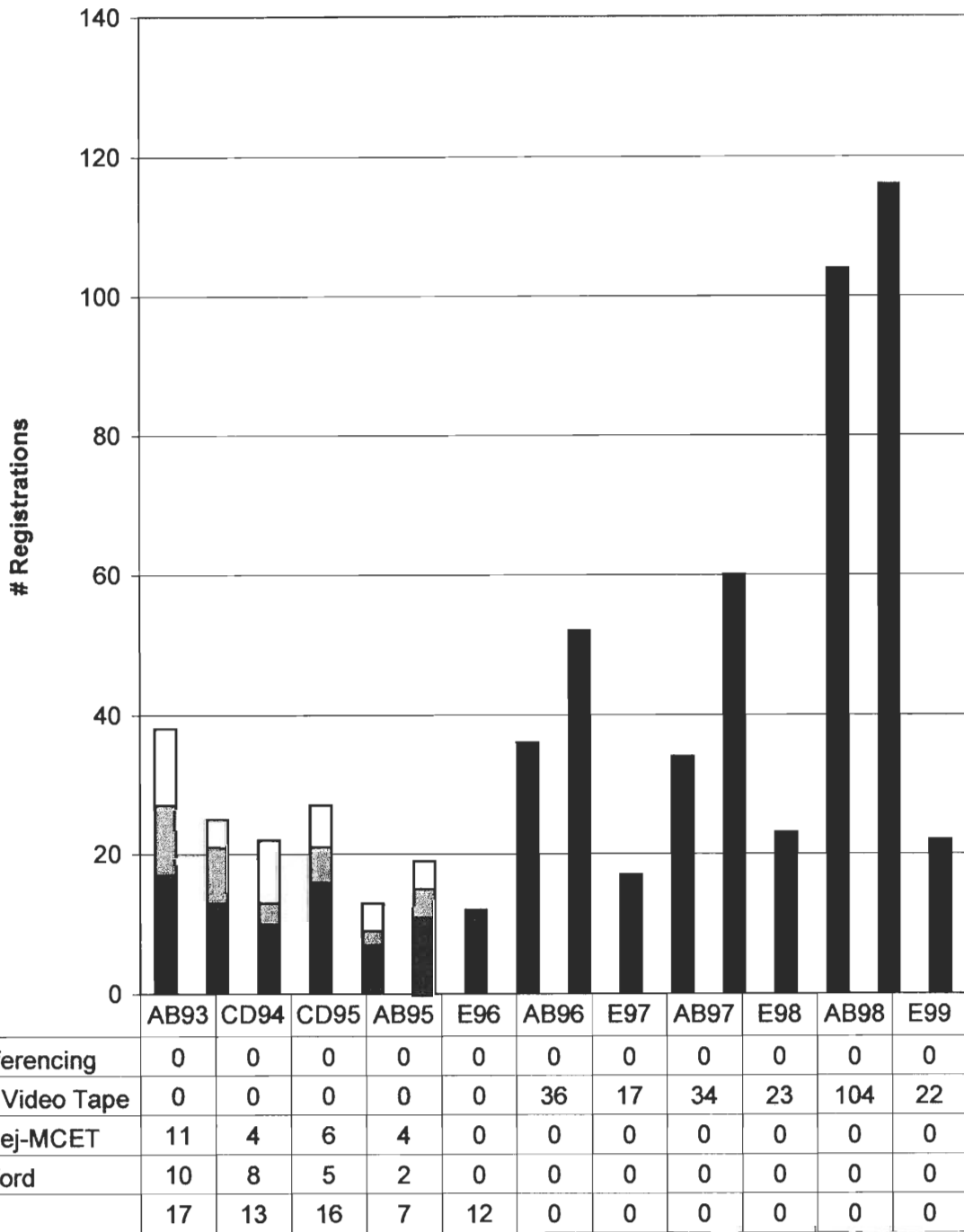


FIGURE 1

2.4.5 Facilities Available for ADLN Students

The above figure shows that the registration in distance education classes has grown and it is predicted that it will continue to grow. Based on these predictions colleges and universities are making more and more facilities available to the distance student. The biggest area for availability is class selection and timing. Schools are beginning to offer not only more classes but classes are offered more frequently making it easier for a distance student to complete their degree. Technology improvements are also helping distance students. Blackboard®, or similar software, offers all aspects of a class in one location. This saves time for the distance student having to search or buy expensive software to communicate with the professor. Some schools are even adding new buildings and parking areas for distance students when they are required to go to campus.

Only a small fraction of improvements can be seen by the students but as technology improves and becomes more readily available students, professors and schools will continue to change.

CHAPTER 3

METHODOLOGY

3.0 Methodology

This project measures the perceptions of graduate students in the Department of Management whom have been enrolled in distance education courses. The data will consist primarily of opinions of the students as measured by the survey.

3.1 Survey Design

A survey was used to gather the opinions of students that have completed at least one distance education class offered by the Department of Management. The survey was designed keeping the overall focus of the project in mind and was limited to just students at WPI. It was felt that including other schools in the data collection would make the project too (go to page 22 now) large to analyze. The goal of the project was to gather information on how students felt in distance classes as opposed to traditional type courses. This was because there were hardly any published reports from the students' point of view. We also added a section collecting data on WPI's newest system, Blackboard®. We used the typical method of design breaking the survey down into parts making correlation easier to perform. We also chose to mix the questions in the final survey to make it more difficult for someone to just answer the questions without actually reading them. One section was designed to give us background information on the survey group. Information such as age, marital status, number of classes taken and employment status was gathered in this section. The next section was concerned with perceptions about distance education at WPI. This section asked questions about the students' opinions concerning delivery and content of the courses. The next section dealt with times and methods of communication with the professor and the rest of the class. The final section asked specific questions about Blackboard® and its effectiveness at WPI. The prototype was developed by the team and the questions were grouped according to how we felt they would deliver the best answers. Once this was done the survey was given to Professor Elmes for

his input. At the first revision we added a section for comments so that the students may freely express their opinions other than what we were asking in the questions. The grouping and wording of some of the questions was also adjusted to make them easier to answer. Our next draft was passed on to Professor Kasouf who has a great deal of experience in surveying at WPI. His biggest suggestion was to change the ranking system from a one to five system to a one to seven ranking. He felt that this would allow for a wider range of opinions and give better data for analysis. The final survey can be seen in the attached appendix.

3.2 Survey Group

The survey group was limited to only students who have taken at least one distance education course at WPI. We limited it to this group for three reasons. The first reason was that a larger sampling group would make the project too large for our purpose and it is beyond the scope of our project. The second reason was the data available to us from other schools was limited and that again would cause problems in finishing the project. The final and most important reason was that in our background search we found no information about what the students thought. All the information in the literature dealt with the perceptions and thoughts of experts in the field of distance education and said very little if anything about the students.

Norm Wilkinson provided us with a list of all the students who had completed at least one course in distance education at WPI. The list included names and email addresses. Due to the fact that the project focuses on distance education, (go to page 23) we decided to conduct the survey via email. There were 104 names provided to us yielding a large enough group to sample. Based on statistics if you receive a 20% response you can assume a viable sample group.

3.3 Survey

The survey is attached in the appendices. Each question consisted of a ranking system from 1 to 7 “strongly disagree” to “strongly agree”. The survey focused on perceptions of the program versus a “traditional” course. Opinions on different delivery systems, including the new Blackboard® system at WPI as well as questions about interaction between instructor and student were included in the survey. Finally the survey asked questions about personal items such as family, marriage or number of times talking with classmates and the instructor. The data will consist of both qualitative and quantitative data.

Qualitative data dealt mostly with the students’ perceptions of the program in the areas of methods of delivery, interaction with the instructor and other students, and the use of Blackboard®. A section was also available for the students to write any additional comments they may have on the program. The quantitative data consisted of general background information on the students, such as age, education level and employment status. More important to us, however, was the quantitative data concerning how frequently the student communicated with their instructor as well as their peers. This quantitative data was used in the analysis section to try to draw some correlations within the groups.

3.4 Analysis

The analysis of the survey was done in two steps. The first step took all of the rankings and found an average value. This average could then be used by the Department of Management and the Media Center to draw quick conclusions and make minor changes to certain programs.

The second part of the analysis took the data and applied it to graphs. Graphical conclusions were drawn because of the survey sample size as well as the survey populations were limited. Statistical conclusions were too long and drawn out making the data confusing. The graphs can be taken as is or reanalyzed to make more drastic changes to certain programs.

The completed surveys are attached in Appendix B.

CHAPTER 4

RESULTS

4.0 Results

The following section contains the data that was collected using a survey transmitted electronically via email to the students that have taken at least one distance education course from WPI's Department of Management. The reader should recall that there are no widespread published reports on how students feel about distance education. These results should be used by the Department of Management to start monitoring "Customer" satisfaction, where the customer is defined as the student.

4.1 Student Background

Of the 104 email addresses obtained from WPI's Department of Management, 79 addresses were valid. We received 35 completed surveys back from the students giving us a response rate of 44%.

In general, the average respondent is a married, between 30-40 years old, working 40+ hours a week at a full time job. The highest level of education obtained by 63% is a Baccalaureate degree, while 37% reported having a Masters degree. When asked if they would have enrolled at WPI if they could not complete their degree via distance learning, 46% responded that they would not have. Of those, the majority strongly agreed that they would not have enrolled at WPI if distance education were not available.

4.2 Interaction

One of the themes that we encountered during our research was the need for interaction between student and instructor and between the students themselves. The students were asked about the interaction they had with the instructor, frequency of communication with the instructor and the frequency of communication with fellow students.

4.2.1 Student - Instructor Interaction

The students were asked whether the interaction they have with the instructor of the distance education class is comparable to the interaction they have had with instructors of traditional classes. We expected the responses to be neutral to agreeing to indicate a positive outlook on the interaction. The average of the responses was 3.94, indicating that overall; the students slightly disagreed that the level of interaction was the same. Figure 2 shows the response data.

Since the students come from various age groups, we hypothesized that the age of the student would be correlated to the response in question 1. Thus the responses were further analyzed graphically as can be seen in Figure 3 to see if there was any correlation between age and how they felt about the interaction with the instructor. From looking at the graph, no correlation is observed.

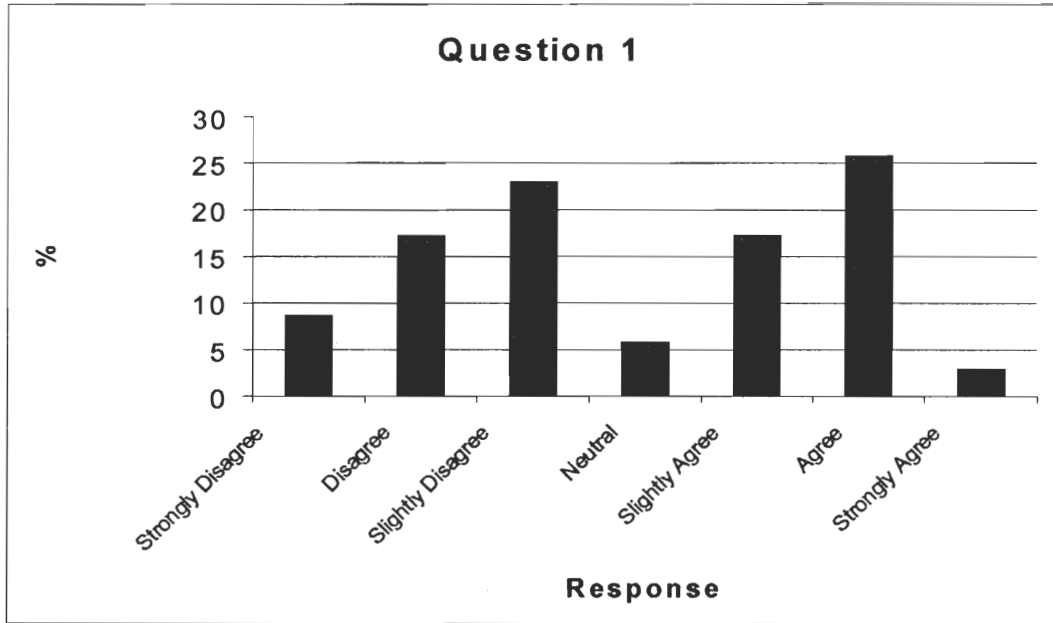


Figure 2. Raw response data for question 1. “The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.

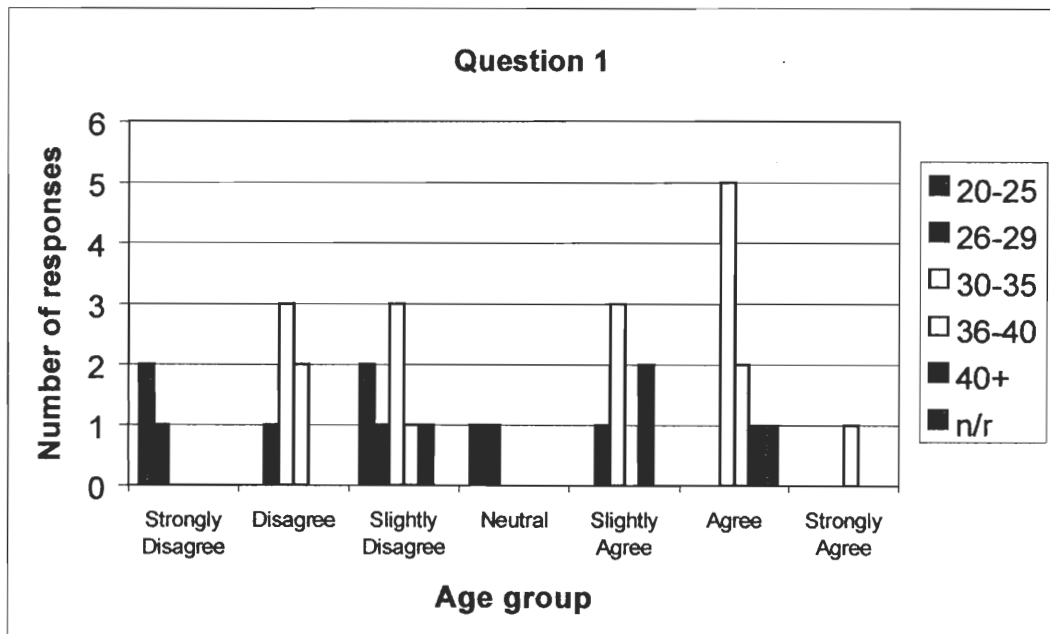


Figure 3 Graphical analysis of age group of respondent versus response to question 1.

4.2.2 Student – Instructor Communication

When asked about the frequency they communicate with the instructor on a weekly basis in question 15, 22% responded they did not communicate with the instructor on a weekly basis and 68% responded with at least 1-2 times per week.

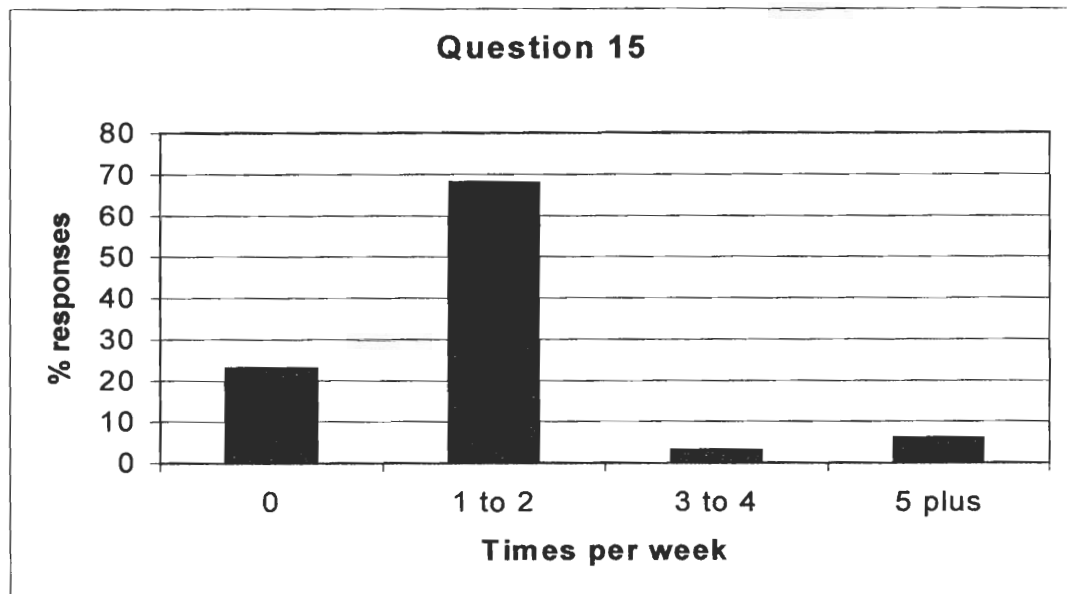


Figure 4 student responses to survey question 15, I communicate with the instructor at least ___ times per week.

4.2.3 Student – Student Communication

An overwhelming majority, 94%, of the respondents participates at least once a week in online discussions with fellow students. Figure 5 shows graphically the % of respondents versus online discussion frequency.

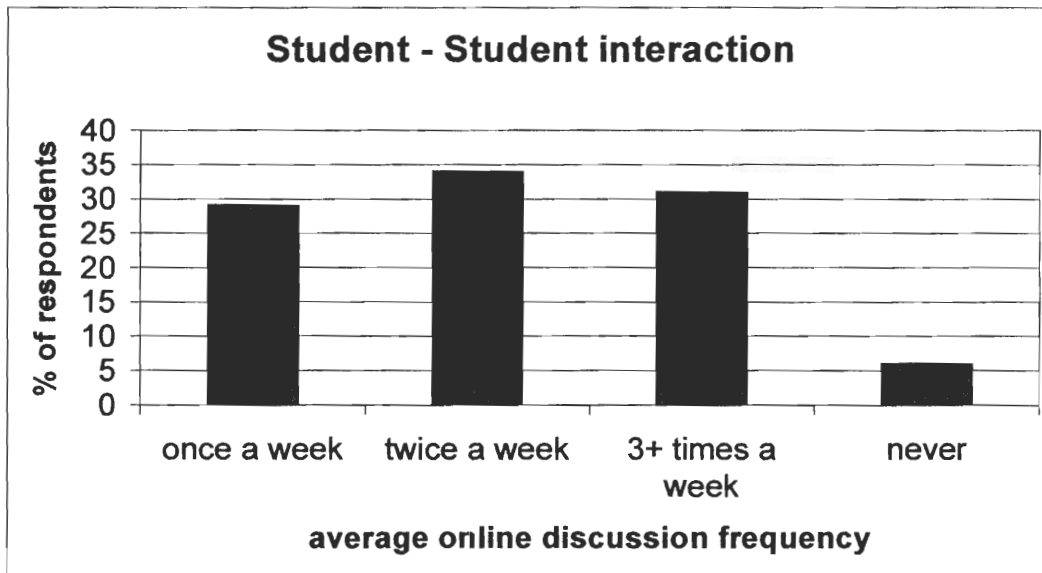


Figure 5. Student responses to survey question 16 “I participate in online discussions at least: _____.”

4.2.4 Student Comments

There were many student comments that related to this section. The comments made by respondent IQPR-012 indicated that he travels frequently on business related travel and thus does not have sufficient time to participate in course related activities. Student IQPR-014 responded, “..because I’m not an extremely outspoken person I felt better able to participate in discussions without having to cut someone else off.” Student IQPR-015 responded’ “The main advantage of these discussion boards (Blackboard.com) is that one get to display

skills to the instructor. It also makes it somewhat easier to ask questions, but I have rarely obtained information in which I had confidence from a discussion board.” Student IQPR-016 responded, “ In general, communication among team members is very hard. ... I had a bad experience after a big misunderstanding with other members of the group.” Student IQPR-017 responded, “ Most ADLN professors require that students post 2-5 postings per week on a discussion forum of some type. While this seems like a good way to simulate discussions, it often results in too many messages saying the same thing.” This student also went on to say that he felt that too much time was being wasted by students going through all of the postings to stay current. Also, students should be graded on (the) content not the quantity (of postings.)

4.3 Isolation

The students were asked in question 5 if they felt isolated while participating in online discussions with fellow students. As can be seen in Figure 6, the majority of the students responded that they did not feel isolated while participating in online discussions.

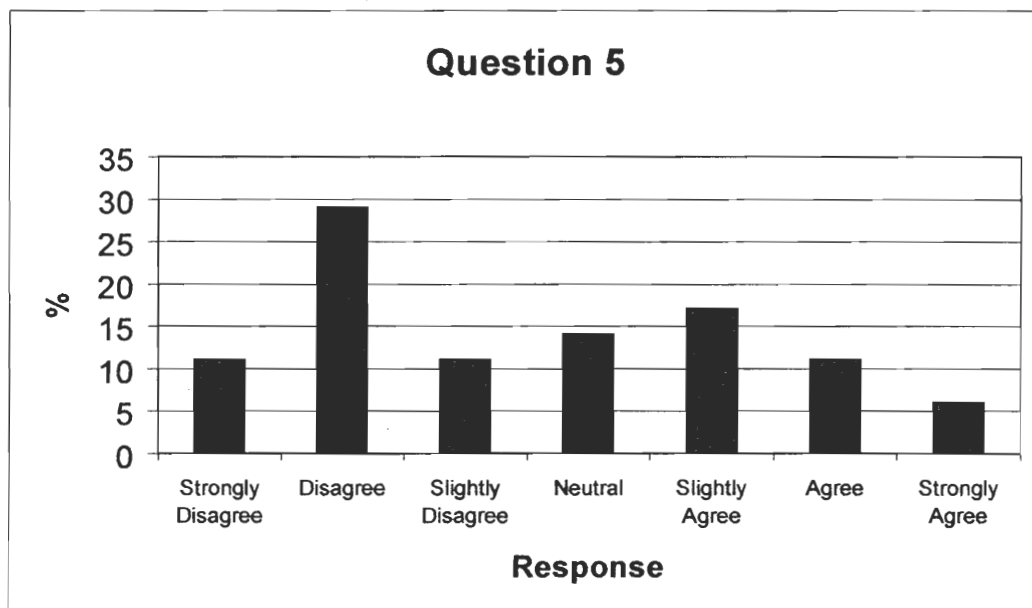


Figure 6: Responses for survey question 5, "I tend to feel isolated while participating in online discussions."

An attempt was made to see if there was a correlation between the feeling of isolation and the frequency of student-student interaction. As can be seen in Figure 7, no correlation is observed.

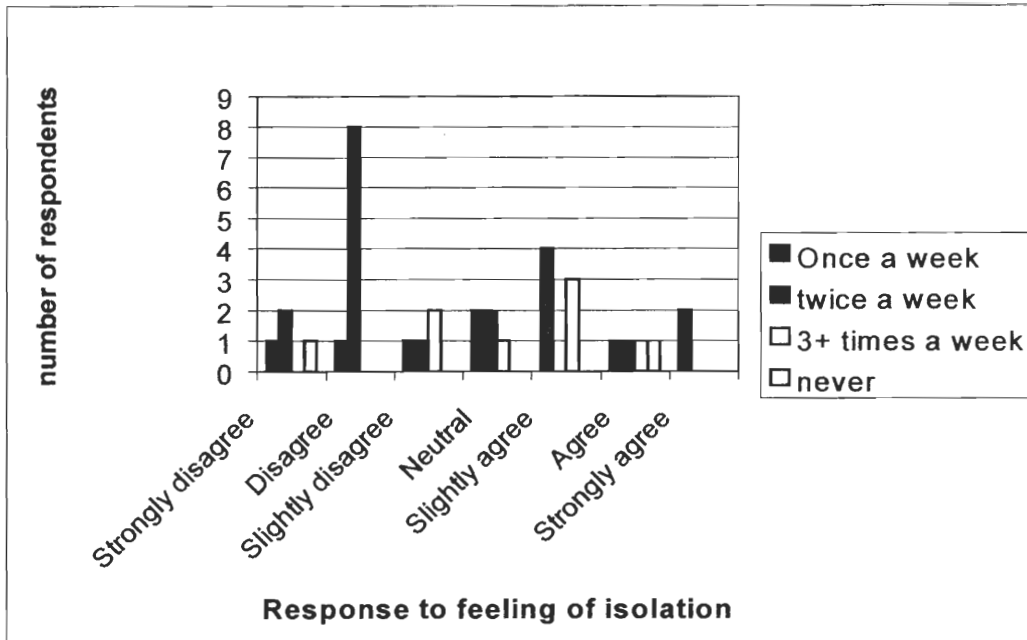


Figure 7. Feeling of Isolation as a factor of frequency of online discussions with fellow students on a weekly basis.

There was one student comment to this section. Student IQPR-012 wrote: “I feel isolated when watching the video.” He went on to write that other schools such as Northeastern offer Saturday classes where the students can meet.

4.4 Instructor Feedback

The students were asked if they got adequate feedback from the instructor in question 9. As can be seen in Figure 8, the respondents slightly agreed that the feedback was adequate. There were no comments made by the students to this question.

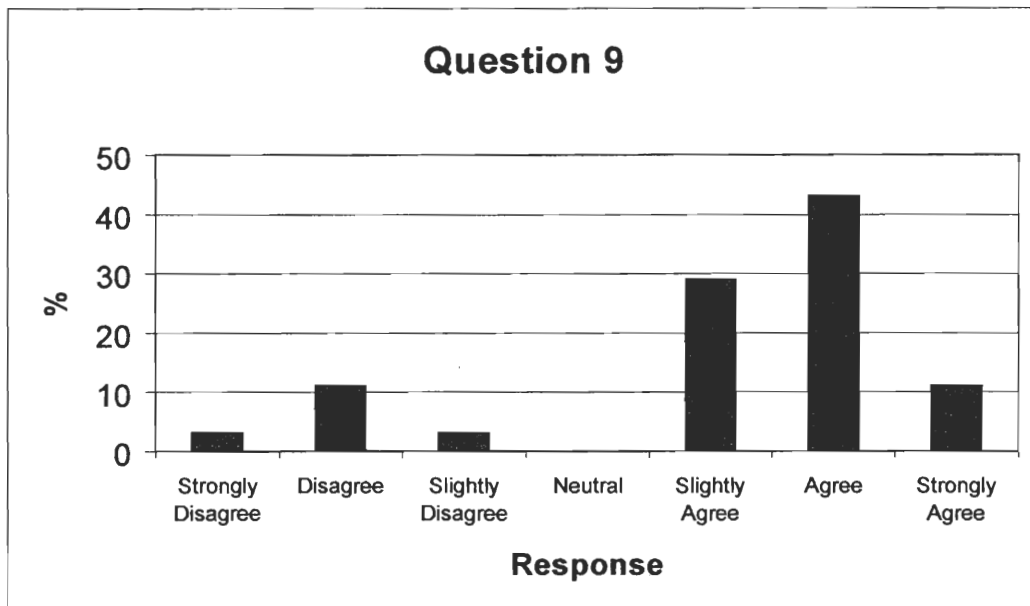


Figure 8. Student responses to survey question 9, “I do not get enough feedback from the instructor.”

4.5 Class Material

4.5.1 Videotapes

The students were asked in question 3 if the quality of the videotapes they received was good. As can be seen in Figure 9, an overwhelming majority responded that the quality of the videotapes they received is good. One student did not answer this question.

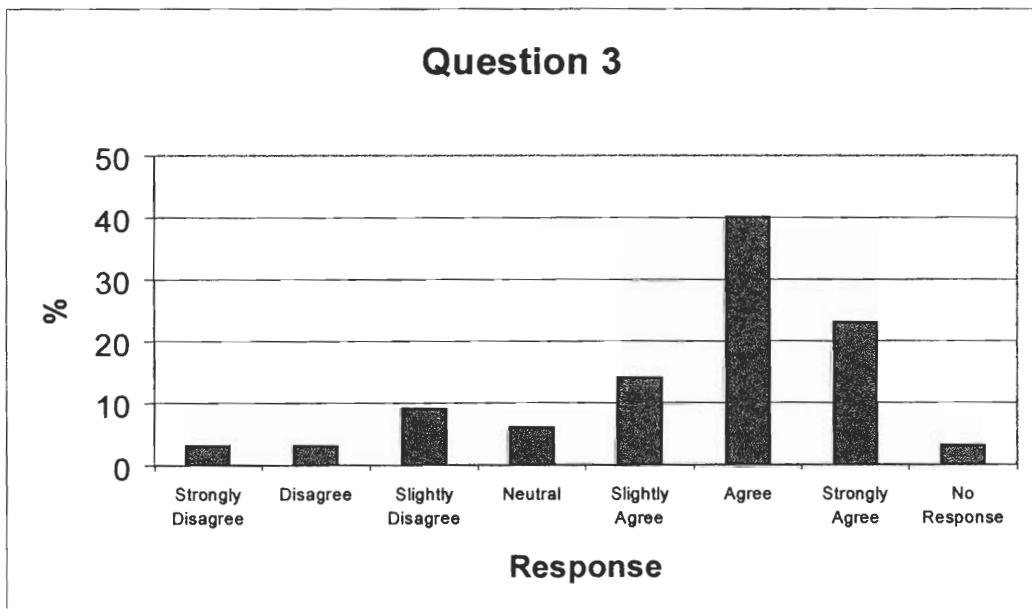


Figure 9: Response to the question “The quality of the videotapes I receive is good.”

4.5.1.1 Student Comments

There were quite a few negative student comments to this question. IQPR-009 who strongly disagreed with this question wrote, “Twice I’ve received video tapes with nothing on them.” IQPR-009 who disagreed that the quality of the videotapes was good stated, “Improve the quality of the tapes. The audio

from the prof(essor) is often muffled (sometimes equipment related – sometimes the prof(essor) just doesn't speak up.) Class comments are sometimes recorded incompletely.” Student IQPR-011 slightly agreed that the quality of the tapes is good but made these comments in regards to the actual filming of the class in the studio in which she has participated. “This semester I am in the studio and am not impressed AT ALL with the filming crew. They laugh and you can hear them while class is going on. The camera crew makes rude gestures to the people in the sound booth (the middle finger). The studio people aren't paying attention when (the) professor has something on the table that needs to be shown.” She also made a suggestion that the videotapes be sent in a plastic box to prevent them from getting wet (when they are delivered on rainy days.) The comment she made about the studio people not paying attention is also addressed by IQPR-021 who stated, “Sometimes (the) videotapes are a little confusing because (the) overhead camera is not showing what the professor is writing.”

4.5.2 Homework Assignments

When asked if they were unclear on what they are expected to do for homework assignments in question 13, 66% responded that they at least slightly disagreed with the question. This indicates that overall, the respondents understood what was expected of them for homework assignments.

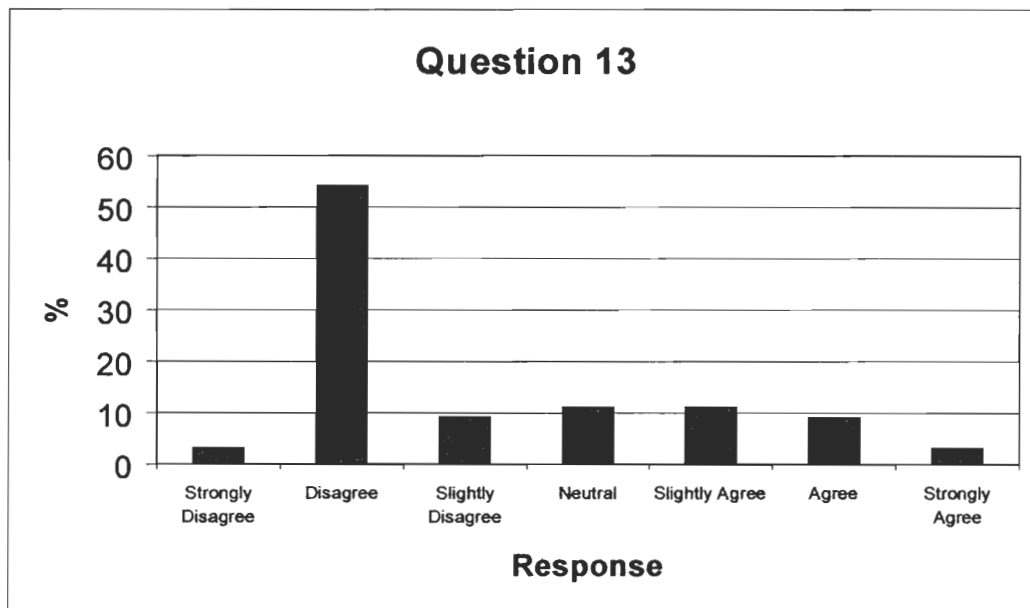


Figure 10. Student responses to survey question 13, “I am often unclear on what I am expected to do for the homework assignments.”

4.6 Video Streams versus Videotapes

When asked if they would prefer to receive video streams on the Internet versus videotapes, the students slightly disagreed with an average response of 3.

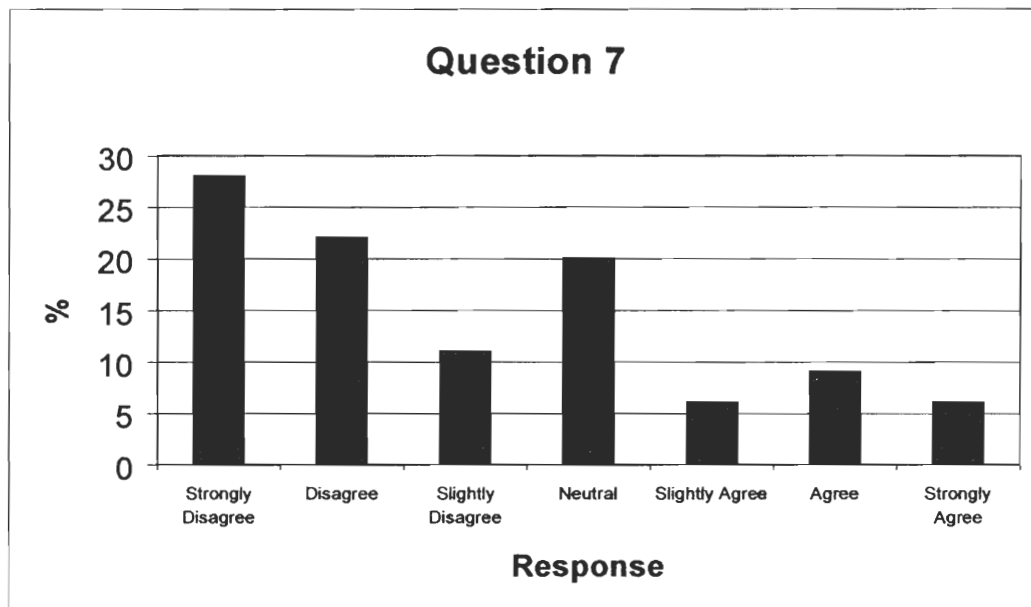


Figure 11. Student responses to survey question 7, “I would prefer to receive video streams on the Internet versus videotapes.”

Only one student, IQPR-013, had comments for this question. He stated that he would like to see CD-ROM, DVD or streaming video over the Internet since he does not always have access to a VCR while traveling for work.

4.7 Blackboard.com

Since WPI recently signed a contract with Blackboard.com to use their site to facilitate the program, we added a section in the survey to capture what the students thought of the site. The students were asked 3 questions comparing classes that used Blackboard® to those that did not, and 2 questions that were specific to Blackboard®. Eighteen students responded to this section of the survey. The reader should note that not all of the percentages add up to 100% due to rounding errors.

4.7.1 Flow of Information

The students were asked if the flow of information was easier when Blackboard® was used in addition to videotapes or the Internet. As can be seen in Figure 12, the students agreed by a margin of 2 to 1 that the flow of information was easier when the instructor used Blackboard®.

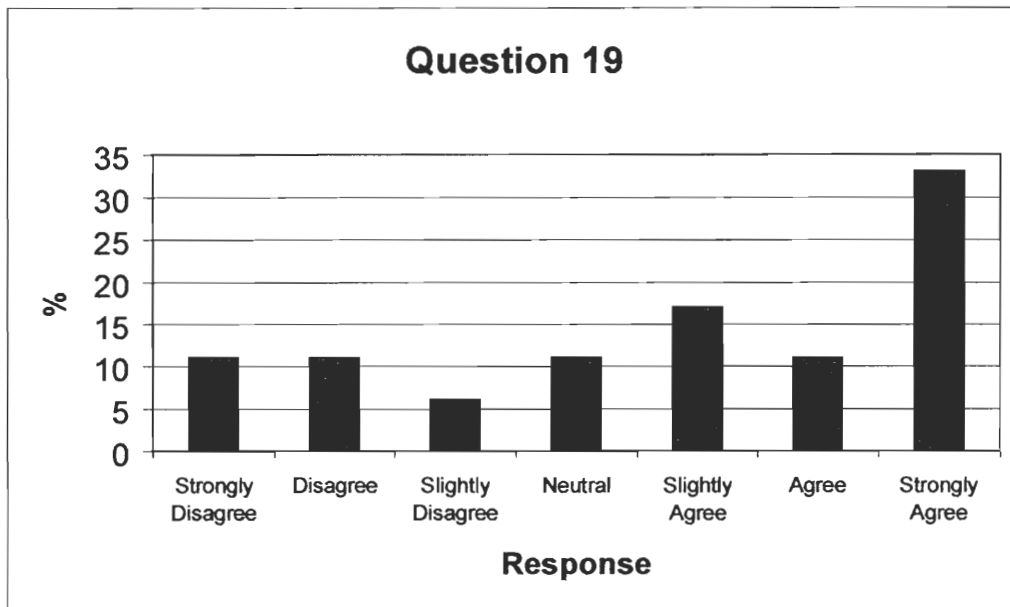


Figure 12. Responses for survey question 19: Flow of information is easier when the Instructor uses Blackboard® in addition to videotapes or the Internet.

4.7.2 Ease of Learning

When asked if it was easier to learn the material when Blackboard® was used, the respondents were split in their opinions as can be seen in Figure 13.

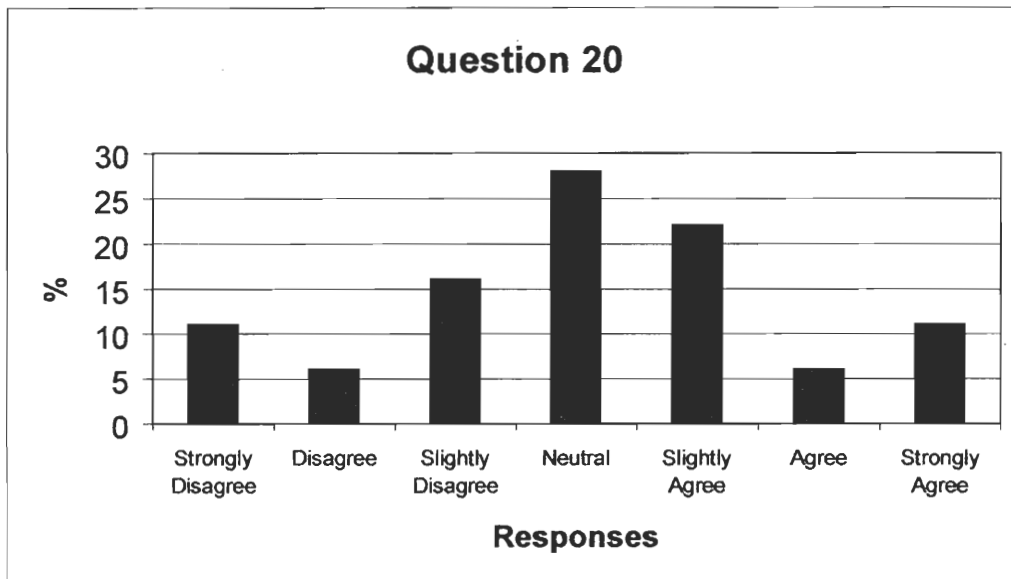


Figure 13. Student responses to survey question 20, “I found it was easier to learn the material when Blackboard® was used.”

4.7.3 Online Discussions

The students were asked if they found it easier to participate in online discussions using Blackboard® instead of email or Lotus Notes. As can be seen in Figure 14, more students agreed that it was easier to participate in online discussions using Blackboard®.

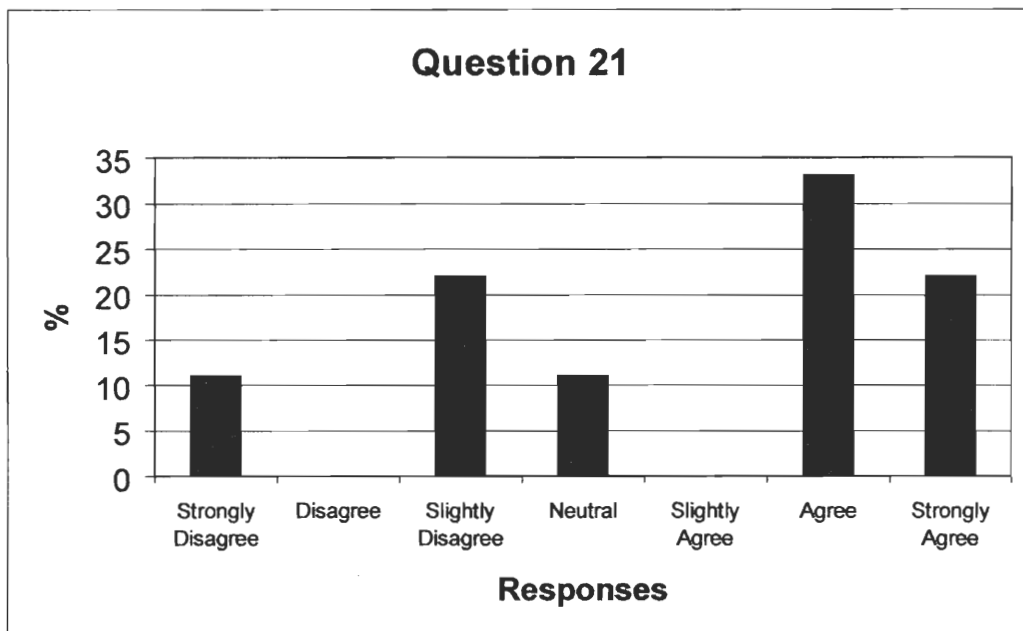


Figure 14. Student responses to survey question 21, “It is easier to participate in online discussions using Blackboard® instead of email or Lotus Notes.”

4.7.4 Difficulty in Accessing Blackboard®

The students were asked if they had any difficulty accessing the Blackboard® site. By almost a 3:1 ratio, the students disagreed that they had difficulty in accessing the site. The results are shown in Figure 15. It should be noted that the total percentage does not add up to 100 due to rounding errors.

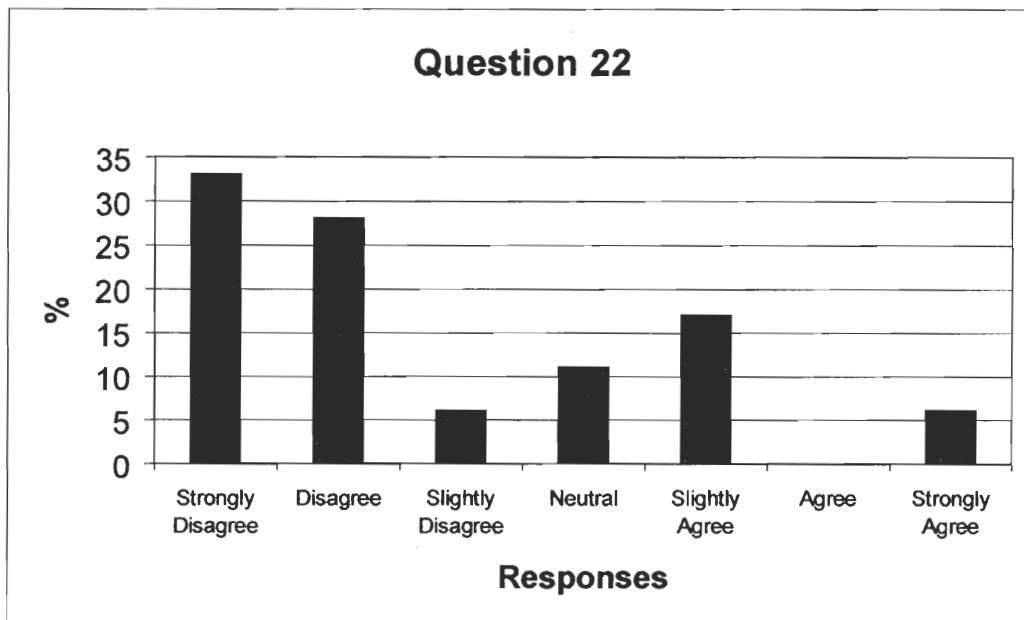


Figure 15. Student responses to survey question 22, “I have difficulty getting into the Blackboard® site to access the class.”

4.7.5 Learning

The students were asked if they felt that they have learned more when taking classes that used the Blackboard® site. As can be seen in Figure 16, the students disagreed by a 3:1 ratio that they have learned more when taking classes that used the Blackboard® site.

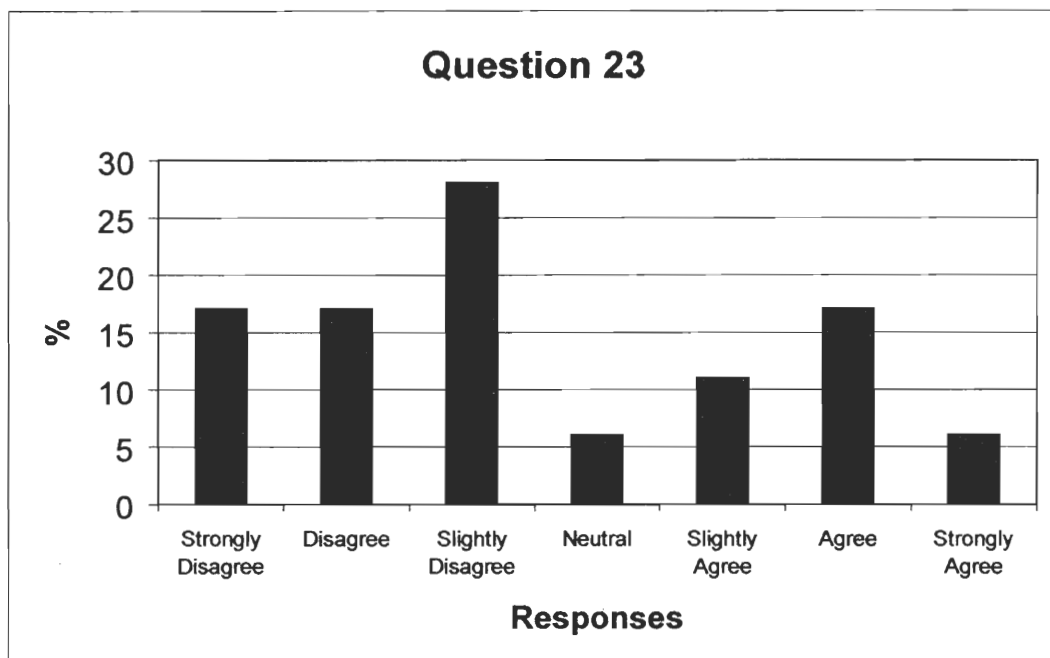


Figure 16. Student responses to survey question 23, “I feel that I have learned more when taking classes that used Blackboard® than those that did not.”

4.7.6 Student Comments

Student IQPR-006 commented: “The Blackboard® (site) is very good, but it is only a technology. It can be used effectively or ineffectively. I’ve only seen the latter so far.” Student IQPR-009 wrote; “I have also found using Blackboard® to be more difficult than just using e-mail. The professor used to e-mail the class with updates, where now we have to make sure we constantly check in with Blackboard®. Before Blackboard®, I was able to receive updates on a timelier basis. The reason most of us take classes on ADLN is due to time constraints, and remembering to check all the different areas with Blackboard® is difficult.” Student IQPR-033 commented; “Blackboard® use, by far, adds to the functionality and overall benefit of the class. It allows for almost real-time class discussions.”

CHAPTER 5

ANALYSIS

5.0 Analysis

In this section, we shall discuss the major areas of concern that have been found during the data analysis. The reader should take note that the data collected are from a specific population of distance education students, namely, those enrolled in the Department of Management. This is mentioned since one may be tempted to generalize all distance education programs at WPI from the results presented. Instead, the results should be used internally by the department and by the WPI Instructional Media Center, to get a better understanding of how their “customers”, the students, feel about certain aspects of the program.

5.1 Error

The reader should be aware of the four sources of error that affect surveys; coverage error, sampling error, measurement error and nonresponse error. We will explain what each means and how they impact our results in the following subsections.

5.1.1 Coverage Error

Coverage error occurs when the list from which a sample is drawn does not include all elements of the population that researchers wish to study (How to Conduct Your Own Survey, Salant and Dillman, Wiley, 1994). Since the list of students we obtained were all the current students in the program, our survey does not have this source of error. However, if one should attempt to generalize the all of the distance education programs at WPI, this would be a source of error.

5.1.2 Sampling Error

Sampling error occurs when only a subset of the population is surveyed instead of conducting a census where the entire population is surveyed (How to Conduct Your Own Survey, Salant and Dillman, Wiley, 1994). We in fact did a census of the students enrolled in the Department of Management's distance education program thus eliminating this source of error.

5.1.3 Measurement Error

Measurement error occurs when the a respondent's answer to a given question is inaccurate, imprecise, or cannot be compared in any useful way to other respondent's answers (How to Conduct Your Own Survey, Salant and Dillman, Wiley, 1994). This will account for a large source of error in our results section since the survey was conducted via email and not face to face which would have allowed the respondent to ask for clarification on any question that was not clear.

5.1.4 Nonresponse Error

Nonresponse error occurs when a significant number of people in the survey sample do not respond to the questionnaire *and* are different from those who do in a way that is important to the study (How to Conduct Your Own Survey, Salant and Dillman, Wiley, 1994). We definitely had a significant number of people who did not respond since our response rate was 44%. We can assume that the nonrespondents are different from those that did respond for 2 reasons. First of all, the fact that they did not respond for one reason or another sets them apart from the students that did. Secondly, the nonrespondents may or may not have taken classes using Blackboard®, which would have an impact on the results.

5.2 Interaction

The student comments pertaining to this section should be of use to the department. One student indicated that due to business travel, he is unable to participate in class related activities. The reader should recall that the students who responded have full time jobs that will consume a majority of their time. One student was concerned that the instructor's requirement to post 2-5 postings per week on a discussion forum was being done by the students to just fill a course requirement, not to add value or stimulate discussion. This student went on to say that students should be graded on content not quantity of postings.

5.2.1 Student – Student Interaction

An overwhelming majority, 94%, of the students responded that they communicated at least once a week with their fellow students, which indicates that there is adequate interaction within the student population.

5.2.2 Student – Instructor Interaction

Only 68% of the students responded that they communicated with the instructor at least 1 to 2 times a week. It was identified earlier that an area of concern is student – instructor interaction that is necessary for distance education to be successful. The reader should be cautioned that the students were not asked the frequency of interaction that they felt was necessary for them to feel comfortable with distance education, which was a design flaw discovered while the results were being compiled. This is important since it is very unlikely that

the students would have the same answer if asked how many times a week they think it is necessary to communicate with the instructor.

5.3 Isolation

Almost one third of the respondents indicated that they felt isolated while participating in online discussions. This is an area of concern that needs to be addressed. If the students feel isolated, they will be less likely to participate in the discussion past the point of identifying themselves to the rest of the discussion group. Since interaction is needed for discussions to take place, this area should be addressed.

5.4 Instructor Feedback

The students overwhelmingly replied that they got adequate feedback from the instructor. This is important since students always want to know how they are doing in class.

5.5 Class Material

5.5.1 Videotapes

The biggest area of concern that arose from the data was the issue of quality control of the videotapes. There were numerous student comments surrounding this issue. The reader should refer to section 4.5.1.1 for further detail.

5.5.1.1 Production

One issue is the actual production of the videotapes. Student IQPR-011 made the comment that she attended the studio for a class and was not at all impressed with the filming crew. The comments she made about the conduct of the crew are quite disturbing (rude gestures and not paying attention to the instructor.) Student IQPR-009 commented that the audio is often muffled and student IQPR-021 commented that the overhead camera does not always show what the professor is writing. One student also commented that twice he has received blank videotapes.

5.5.1.2 Packaging

One student mentioned that she has received videotapes on rainy days that were ruined because they were wet. The suggestion was made that the tapes be shipped in plastic boxes. This is good suggestion that should be addressed by the department.

While these issues may seem trivial in nature, the reader should recall that the students who are enrolled in the department of management program are professionals working 40+ hours a week. And since we too are professionals who work in excess of 40 hours a week, we can understand the concerns of the students we have surveyed.

5.5.2 Homework Assignments

Thirty-four percent of the respondents indicated that they were unclear on what they were expected to do for homework assignments. This is another area that needs to be addressed by the department since the students don't interact with the instructor on a daily basis to clarify the homework assignments.

5.6 Video Streams versus Videotapes

Sixty-one percent of the respondents disagreed that they would like to receive video streams over the Internet versus videotapes. One student did indicate that he would prefer to receive CD-ROM or DVD instead of videotapes since he doesn't have access to a VCR while travelling for business. In order for WPI to move forward with technology and take advantage of the Internet further, research should be done to determine why the students do not want to receive video streams.

5.7 Blackboard®

Only 18 of the 35 respondents completed the section of the survey dealing with Blackboard®. While the respondents in general were neutral, the reader should be aware that this is a relatively new method of distance education learning to WPI's department of management. In general, the students were neutral to the use of Blackboard® in distance education. Some found the use to be difficult since the student had to search through all of the areas to see if there were any updates. Some found the online discussion feature to allow for almost real-time class discussions.

CHAPTER 6

CONCLUSIONS AND RECOMMENDATIONS

6.0 Conclusions and Recommendations

This section is to inform the reader of the conclusions we have made from the survey and the recommendations that we have for the Department of Management and the Instructional Media Center.

6.1 Interaction

Conclusion: There may not be sufficient interaction between the students and instructor.

Recommendation: Make the professors aware that some students may not be getting the interaction with them that they need.

Recommendation: Survey the students to determine the amount of interaction with the instructor they feel is necessary.

6.2 Isolation

Conclusion: Thirty-three percent of the respondents felt isolated while participating in online discussions.

Recommendation: Have the students discuss this topic at the beginning of the course to raise their awareness to the issue.

6.3 Videotapes

Conclusion: The quality control of the videotaping process needs to be improved.

Recommendation: Institute a procedure to ensure that the videotapes sent to the students are not blank if one does not currently exist. This can be done by taking a random sample of tapes such as the square root of N , and playing them until video and audio outputs are observed. Where N is defined as the number of tapes made. This method can be used for each recorder machine if it is felt that there is a problem with one or for the entire amount of tapes made.

Recommendation: The employees of the studio should be instructed to act in a professional manner. The use of obscene gestures during filming although not observed by the recipients of the tapes, but by the students in the studio, should not be tolerated. Also, more attention should be paid to the instructor so that what is presented in the studio is actually shown on the videotapes.

Recommendation: Ship the videotapes in a plastic protective box. This will incur an initial up front expense to the school. Since the students are required to return the videotapes, this should be a one-time charge.

6.4 Homework Assignments

Conclusion: Over one-third of the students are unclear on what is expected of them for homework assignments.

Recommendation: The professors may want to inquire of the students if they have any questions on the homework either by email using a form letter or during the taping of the class. This will present the opportunity to the students to ask any questions that they may have about the homework.

6.5 Video Streams versus Videotapes

Conclusion: Sixty-one percent of the respondents did not want to receive video streams on the Internet versus videotapes.

Recommendation: Although the Department of Management does not currently use video streams, research should be done to determine why the students do not want to use this form of distribution. This will allow more flexibility to the department and the students in the future once broadband Internet access becomes available to masses.

6.6 Blackboard®

Conclusion: Not enough students responded to this section for us to make meaningful recommendations about the use of Blackboard®.

Recommendation: Once students have used Blackboard®, this part of the survey should be revisited in a future IQP.

APPENDIX A

SURVEY

APPENDIX A: Survey Questions

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 4 is neutral and 7 indicates you strongly agree with the statement.

- 1 The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.
- 2 The quality of the material I receive from the school is comparable to that which I would receive if I attended regular classes.
- 3 The quality of the videotapes I receive is good.
- 4 The lectures tend to be monotonous.
- 5 I tend to feel isolated while participating in online discussions.
- 6 I tend to keep up with technology.
- 7 I would prefer to receive video streams on the Internet versus videotapes.
- 8 I tend to fast forward the lecturing and play the video when important topics are displayed.
- 9 I do not get enough feed back from the instructor.
- 10 I would not have enrolled at WPI if I could not complete my degree via distance learning.
- 11 The instructions I receive via email or the web page are ambiguous.
- 12 The tech support I receive from WPI is adequate.
- 13 I am often unclear on what I am expected to do for the homework assignments.
- 14 I interact with other students in the class via email on a regular basis.

Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.

- 15 I communicate with the instructor at least times per week.
 - a) 0
 - b) 1 to 2
 - c) 3 to 4
 - d) 5 plus
- 16 I participate in online discussions with fellow students at least:
 - a) Once a week
 - b) Twice a week
 - c) 3 plus times a week
 - d) never

- 17 I check my email for class related activities at least:
 - a) Once a day
 - b) Twice a day
 - c) 3 plus times a day
 - d) other:

18 I watch the video tapes at least:

- a) Never
- b) Once
- c) Twice
- d) 3 plus times

If you have taken a distance education class using Blackboard, please rank questions 19-23. A rank of 1 indicates you strongly disagree, 4 is neutral, and 7 indicates you strongly agree with the statement.

- 19 The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.
- 20 I found it was easier to learn the material when Blackboard was used.
- 21 It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.
- 22 I have difficulty getting into the Blackboard site to access the class.
- 23 I feel that I have learned more when taking a classes that used Blackboard than those that did not.

General Background Information Please fill in your answer in the next column.

- 24 What is your gender? Male or Female
- 25 Are you married? Yes or No
- 26 Do you have children living at home? Yes or No
- 27 What is your age?
- a) 20 to 25
 - b) 26 to 29
 - c) 30 to 35
 - d) 35 to 40
 - e) over 40
- 28 What is your highest level of education?
- a) BS
 - b) MS
 - c) PH.D.
- 29 Employment status:
- a) Full time
 - b) Part Time
 - c) Unemployed
 - d) Homemaker
 - e) Full Time student

- 30 If you are employed, approximately how many hours a week do you work?
- a) 1 to 10
 - b) 11 to 20
 - c) 21 to 30
 - d) 31 to 39
 - e) 40 to 45
 - f) 45 plus

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

APPENDIX B

COMPLETED SURVEYS FROM 'ADLN' STUDENTS

IQPR-001

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, 7 indicates you strongly agree.		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	3
2	The quality of the material I receive from the school (I.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	6
3	The quality of the videotapes I receive is good.	5
4	The lectures tend to be monotonous.	5
5	I tend to feel isolated while participating in online discussions.	4
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	3
7	I would prefer to receive video streams on the Internet versus videotapes.	4
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	2
9	I generally get adequate feed back from the instructor.	5
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	6
11	The instructions I receive via email or the web page are generally clear.	3
12	The tech support I receive from WPI is adequate.	4
13	I am often unclear on what I am expected to do for the homework assignments.	4
14	I interact with other students in the class via email on a regular basis.	5
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	b
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	a
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	c
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	
20	I found it was easier to learn the material when Blackboard was used.	
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	
22	I have difficulty getting into the Blackboard site to access the class.	
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	m
25	Are you married? Yes or No	y
26	Do you have children living at home? Yes or No	n
27	What is your age?	e
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	a
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	e
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

IQPR-002

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you strongly agree.		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	6
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	7
3	The quality of the videotapes I receive is good.	7
4	The lectures tend to be monotonous.	4
5	I tend to feel isolated while participating in online discussions.	5
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	6
7	I would prefer to receive video streams on the Internet versus videotapes.	4
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	1
9	I generally get adequate feed back from the instructor.	5
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	1
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate.	7
13	I am often unclear on what I am expected to do for the homework assignments.	2
14	I interact with other students in the class via email on a regular basis.	4
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	b
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	a
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	c
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	
20	I found it was easier to learn the material when Blackboard was used.	
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	
22	I have difficulty getting into the Blackboard site to access the class.	
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	Male
25	Are you married? Yes or No	Y
26	Do you have children living at home? Yes or No	Y
27	What is your age?	d
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	a
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	e
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

I have only taken 1 course via distance learning. It was not the best of courses, but the tape and on-line interaction were more than adequate. I am grateful this is available at WPI. It enabled me to take 2 course in one semester when they were both offe

IQPR-003

<p>Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.</p>		<p>please enter your response in the cell next to the question</p>
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	6
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	6
3	The quality of the videotapes I receive is good.	6
4	The lectures tend to be monotonous.	2
5	I tend to feel isolated while participating in online discussions.	2
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	5
7	I would prefer to receive video streams on the Internet versus videotapes.	3
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	2
9	I generally get adequate feed back from the instructor.	7
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	7
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate.	5
13	I am often unclear on what I am expected to do for the homework assignments.	2
14	I interact with other students in the class via email on a regular basis.	6
<p>Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.</p>		
15	I communicate with the instructor at least _____ times per week.	b
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	c
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	a
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	
20	I found it was easier to learn the material when Blackboard was used.	
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	
22	I have difficulty getting into the Blackboard site to access the class.	
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	m
25	Are you married? Yes or No	y
26	Do you have children living at home? Yes or No	y
27	What is your age?	e
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	a
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	f
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

The one class I took was excellent. I put a lot into it and got a lot out of it. Didn't see any drawbacks to the ADLN process. The class offerings during any given semester seem limited however. For your program to be successful it's going to have to expand its offerings or you'll see a lot of dropouts after one or two classes.

IQPR-004

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	6
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	6
3	The quality of the videotapes I receive is good.	6
4	The lectures tend to be monotonous.	varies by instructor 2-6
5	I tend to feel isolated while participating in online discussions.	5
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	6
7	I would prefer to receive video streams on the Internet versus videotapes.	1
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	I use ff when it's boring if I find I'm not paying attention; not limited to the lectures - 6
9	I generally get adequate feed back from the instructor.	6
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	1 - I didn't know about distance learning when I first enrolled; but it's helped tremendously to keep me in the program
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate.	6
13	I am often unclear on what I am expected to do for the homework assignments.	2 - only occasionally unclear

14	I interact with other students in the class via email on a regular basis.	6 - only because of working on required projects together
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	b
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	c
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	
17	I check my email for class related activities at least:	a
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
<p>If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.</p>		1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	4
20	I found it was easier to learn the material when Blackboard was used.	4
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	3
22	I have difficulty getting into the Blackboard site to access the class.	2
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	1
General Background Information Please fill in your answer in the next column.		

24	What is your gender? Male or Female	Female
25	Are you married? Yes or No	Y
26	Do you have children living at home? Yes or No	Y
27	What is your age?	over 30
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	b (it's an M.A.)
	a) BS	
	b) MS	
	c) PH.D.	
29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	f
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

this every semester, although my preference would be ADLN over in-class for the flexibility it gives me.

IQPR-005

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indica		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	1
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	5
3	The quality of the videotapes I receive is good.	3
4	The lectures tend to be monotonous.	2
5	I tend to feel isolated while participating in online discussions.	4
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	3
7	I would prefer to receive video streams on the Internet versus videotapes.	3
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	4
9	I generally get adequate feed back from the instructor.	2
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	1
11	The instructions I receive via email or the web page are generally clear.	4
12	The tech support I receive from WPI is adequate.	4
13	I am often unclear on what I am expected to do for the homework assignments.	5
14	I interact with other students in the class via email on a regular basis.	2
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	b
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	b
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	c
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	2
20	I found it was easier to learn the material when Blackboard was used.	3
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	3
22	I have difficulty getting into the Blackboard site to access the class.	5
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	3
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	male
25	Are you married? Yes or No	yes
26	Do you have children living at home? Yes or No	no
27	What is your age?	b
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	a
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	f
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e)40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

good points: video tapes can b watched at any time. Needs improvement: many adln classes use team projects, a assigned team leader or a process to have one decided would be helpful. Class discussion is very difficult to follow since the begging of most

IQPR-006

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, 7 indicates you strongly agree.		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	2
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	3
3	The quality of the videotapes I receive is good.	6
4	The lectures tend to be monotonous.	4
5	I tend to feel isolated while participating in online discussions.	5
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	6
7	I would prefer to receive video streams on the Internet versus videotapes.	1
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	7
9	I generally get adequate feed back from the instructor.	2
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	2
11	The instructions I receive via email or the web page are generally clear.	3
12	The tech support I receive from WPI is adequate.	5
13	I am often unclear on what I am expected to do for the homework assignments.	6
14	I interact with other students in the class via email on a regular basis.	2
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	a
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	b
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	a
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	5
20	I found it was easier to learn the material when Blackboard was used.	5
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	6
22	I have difficulty getting into the Blackboard site to access the class.	2
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	6
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	Male
25	Are you married? Yes or No	Yes
26	Do you have children living at home? Yes or No	Yes
27	What is your age?	d
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	a
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	f
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

Videotaped classes are far superior to web-based classes. Web-based classes require that the professor be a very active participant. He or she needs to teach via the web, ask specific questions and probe the students for answers. Without this, the class becomes students discussing issues with students, without any real sense of teaching. The Blackboard is very good, but it is only a technology. It can be used effectively or ineffectively. I've only seen the latter so far. It really requires a commitment from the professor to be successful.

IQPR-007

<p>Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.</p>		<p>please enter your response in the cell next to the question</p>
		<p>1 2 3 4 5 6 7</p>
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	2
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	5
3	The quality of the videotapes I receive is good.	NA
4	The lectures tend to be monotonous.	NA
5	I tend to feel isolated while participating in online discussions.	2
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	6
7	I would prefer to receive video streams on the Internet versus videotapes.	2
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	1
9	I generally get adequate feed back from the instructor.	5
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	7
11	The instructions I receive via email or the web page are generally clear.	2
12	The tech support I receive from WPI is adequate.	4
13	I am often unclear on what I am expected to do for the homework assignments.	5
14	I interact with other students in the class via email on a regular basis.	5
<p>Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.</p>		
15	I communicate with the instructor at least _____ times per week.	b
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	b
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	a
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	NA
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	NA
20	I found it was easier to learn the material when Blackboard was used.	NA
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	1
22	I have difficulty getting into the Blackboard site to access the class.	7
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	3
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	male
25	Are you married? Yes or No	no
26	Do you have children living at home? Yes or No	no
27	What is your age?	d
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	a
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	e
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

I am taking MG546 which does not offer video tapes. Last spring I took MG507 which offered video tapes and I found the class to be more informative. MG507 also used a Lotus Notes/Domino web site which I found to be superior to the Black board. The black board has too many options (pages) and they are not used consistently (i.e. homework assignments found in more than one place and not in sync.). The Notes web site allowed the user to sort discussions by author, date, and subject. Also MG507 had a web site specifically for ADLN students which I think worked better since we have not already had a chance to be heard on a particular subject. MG507 also had focused discussions where the Prof. would pose a question, and the student would in turn spend the following week discussing the one particular issue. MG546 is much more fragmented and one can become overwhelmed by the number of responses and the diversity of subject matter.

ADLN Survey

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is	5
2	The quality of the material I receive from the school (i.e. syllabus, handouts,	5
3	The quality of the videotapes I receive is good.	2
4	The lectures tend to be monotonous.	2
5	I tend to feel isolated while participating in online discussions.	2
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to	1
7	I would prefer to receive video streams on the Internet versus videotapes.	1
8	I tend to fast forward the lecturing and play the video when important topics are	1
9	I generally get adequate feed back from the instructor.	6
10	I would not have enrolled at WPI if I could not complete my degree via distance	7
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate. <u>WHAT TECH SUPPORT ??</u>	
13	I am often unclear on what I am expected to do for the homework assignments.	2
14	I interact with other students in the class via email on a regular basis.	2
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	6
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	d
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	d
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other: 2 to 3 times per week	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition	7
20	I found it was easier to learn the material when Blackboard was used.	5
21	It is easier to participate in online discussions using Blackboard instead of email	7
22	I have difficulty getting into the Blackboard site to access the class.	5
23	I feel that I have learned more when taking classes that used Blackboard than (BLACKBOARD FACILITATES THE LOGISTICS OF THE COURSE ...) General Background Information Please fill in your answer in the next column.	5
24	What is your gender? Male or Female	MAL
25	Are you married? Yes or No	YES
26	Do you have children living at home? Yes or No	NO
27	What is your age?	c
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	a
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	f
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	
	Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.	
	I WILL <u>NOT</u> TAKE ANOTHER PURELY WEB-BASED COURSE. THE TAPE PORTION OF THE COURSE CONVEYS INFORMATION AND GIVES DISTANCE LEARNERS A SENSE OF BEING PART OF THE CLASS. FEW OF US HAVE THE BANDWIDTH TO REASONABLY SUPPORT STREAMING AUDIO FROM A WEB SITE, MUCH LESS STREAMING VIDEO.	
	IMPROVE THE QUALITY OF THE TAPES. THE AUDIO FROM THE PROF IS OFTEN MUFFLED (SOMETIMES EQUIPMENT RELATED - SOMETIMES THE PROF JUST DOESN'T SPEAK UP). CLASS COMMENTS ARE SOMETIMES RECORDED INCOMPLETELY. BENCHMARK THE PROCESS WITH PROS LIKE THE OPRAH WINFREY SHOW IF NECESSARY.	
	USE BLACKBOARD AS AN ADJUNCT TEACHING TOOL. IT'S BEST FUNCTION IS TO SUPPORT THE LOGISTICS OF THE COURSE.	

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	6
2	The quality of the material I receive from the school (I.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	3
3	The quality of the videotapes I receive is good.	1
4	The lectures tend to be monotonous.	4
5	I tend to feel isolated while participating in online discussions.	2
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	7
7	I would prefer to receive video streams on the Internet versus videotapes.	1
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	1
9	I generally get adequate feed back from the instructor.	6
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	7
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate.	4
13	I am often unclear on what I am expected to do for the homework assignments.	2
14	I interact with other students in the class via email on a regular basis.	4
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	a
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	b
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	b
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	2
20	I found it was easier to learn the material when Blackboard was used.	2
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	3
22	I have difficulty getting into the Blackboard site to access the class.	1
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	2
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	Male
25	Are you married? Yes or No	Yes
26	Do you have children living at home? Yes or No	Yes
27	What is your age?	c
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	a
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	e
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

I have found Blackboard's discussion database faster than Notes, but more difficult to browse. I've also had technical problems with the video tapes this semester. Twice I've received tapes with nothing on them. I have also found using Blackboard to be more difficult than just e-mail. The professor used to e-mail the class with updates, where now we have to make sure we constantly check in Blackboard. Before Blackboard, I was able to receive updates on a more timely basis. The reason most of us take classes on ADLN is due to time constraints, and remembering to check all the different areas with Blackboard is difficult. A "What's New/Recent updates" section may help. A little quality control on the video tapes would help too.

IQPR-010

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, 7 indicates you strongly agree.		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	5
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	7
3	The quality of the videotapes I receive is good.	7
4	The lectures tend to be monotonous.	4
5	I tend to feel isolated while participating in online discussions.	7
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	5
7	I would prefer to receive video streams on the Internet versus videotapes.	4
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	2
9	I generally get adequate feed back from the instructor.	5
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	1
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate.	6
13	I am often unclear on what I am expected to do for the homework assignments.	2
14	I interact with other students in the class via email on a regular basis.	6
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	b
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	a
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	b
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	
20	I found it was easier to learn the material when Blackboard was used.	
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	
22	I have difficulty getting into the Blackboard site to access the class.	
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	m
25	Are you married? Yes or No	y
26	Do you have children living at home? Yes or No	n
27	What is your age?	c
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	b
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	f
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

When I took an ADLN class, I was a little disappointed in the on-line discussion format. Prof Elmes required us to post, via Lotus Notes, a few responses to fellow students comments as well as our own input on various subjects. This was all well and fine

ADLN Survey

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The Interaction I have with the Instructor in my distance education classes is	7
2	The quality of the material I receive from the school (i.e. syllabus, handouts,	7
3	The quality of the videotapes I receive is good.	5
4	The lectures tend to be monotonous.	5
5	I tend to feel isolated while participating in online discussions.	5
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to	7
7	I would prefer to receive video streams on the Internet versus videotapes.	2
8	I tend to fast forward the lecturing and play the video when important topics are	6
9	I generally get adequate feed back from the instructor.	7
10	I would not have enrolled at WPI if I could not complete my degree via distance	1
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate.	6
13	I am often unclear on what I am expected to do for the homework assignments.	2
14	I interact with other students in the class via email on a regular basis.	7
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	B
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	C
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	C
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	B
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition	1
20	I found it was easier to learn the material when Blackboard was used.	1
21	It is easier to participate in online discussions using Blackboard instead of email	1
22	I have difficulty getting into the Blackboard site to access the class.	1
23	I feel that I have learned more when taking classes that used Blackboard than	1
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	Female
25	Are you married? Yes or No	No
26	Do you have children living at home? Yes or No	No
27	What is your age?	D
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	A B
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	A
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	

30	If you are employed, approximately how many hours a week do you work?	F
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

This semester I am in the studio and am not impressed AT ALL with the Filming crew. They laugh and you can hear them while class is going on. Two weeks ago they were playing music very loud in the room that is near the back of the class (entrance door to hallway). Someone had to speak to them to shut it off

~~I~~ Initially I was ADLN but switched to on campus status and I still receive tapes. They sometimes ship them in cardboard boxes and when they get wet, the tapes are ruined. It is better if they send them in the plastic envelopes.

The camera crew makes rude gestures to the people in the sound booth (the middle finger). The studio people aren't paying attention when professor has something on the table that needs to be shown.

I know this year they are new, but you'd think by now - the end of November - they would have them act together. Am in Sharon Johnson's MGS13 class.

This is my last semester. Am originally from Leominster! Good luck w/ your school work!



this semester

aboard pain!

IQPR-012

<p>Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indica</p>		<p>please enter your response in the cell next to the question</p>
		<p>1 2 3 4 5 6 7</p>
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	4
2	The quality of the material I receive from the school (I.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	5
3	The quality of the videotapes I receive is good.	7
4	The lectures tend to be monotonous.	4
5	I tend to feel isolated while participating in online discussions.	6
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	4
7	I would prefer to receive video streams on the Internet versus videotapes.	2
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	5
9	I generally get adequate feed back from the instructor.	5
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	4
11	The instructions I receive via email or the web page are generally clear.	5
12	The tech support I receive from WPI is adequate.	4
13	I am often unclear on what I am expected to do for the homework assignments.	4
14	I interact with other students in the class via email on a regular basis.	3
<p>Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.</p>		
15	I communicate with the instructor at least _____ times per week.	0
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	d
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	d
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	
20	I found it was easier to learn the material when Blackboard was used.	
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	
22	I have difficulty getting into the Blackboard site to access the class.	
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	M
25	Are you married? Yes or No	Y
26	Do you have children living at home? Yes or No	Y
27	What is your age?	e
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	MS
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	e
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

I am not able to spend sufficient time due to business travel for watching the video, or for course participation. I feel isolated when watching the video. I feel that if WPI can arrange some classes on Saturday, as done by Northeastern and other univer

IQPR-013

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	6
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	6
3	The quality of the videotapes I receive is good.	6
4	The lectures tend to be monotonous.	5
5	I tend to feel isolated while participating in online discussions.	3
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	4
7	I would prefer to receive video streams on the Internet versus videotapes.	7
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	3
9	I generally get adequate feed back from the instructor.	6
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	7
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate.	4
13	I am often unclear on what I am expected to do for the homework assignments.	4
14	I interact with other students in the class via email on a regular basis.	3
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	b
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	a
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	d
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	<p>If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.</p>	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	
20	I found it was easier to learn the material when Blackboard was used.	
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	
22	I have difficulty getting into the Blackboard site to access the class.	
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	Male
25	Are you married? Yes or No	Yes
26	Do you have children living at home? Yes or No	Yes
27	What is your age?	c
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	b
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	e
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

Very important to me that they have the ADLN classes. I would like to see some CD-Rom or maybe even DVD ROM or streaming video over the internet. This would allow me to do my class work wherever I have my laptop (The VCR is not always available). This is especially true when I travel for work.

IQPR-014

<p>Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.</p>		<p>please enter your response in the cell next to the question</p>
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	6
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	7
3	The quality of the videotapes I receive is good.	6
4	The lectures tend to be monotonous.	4
5	I tend to feel isolated while participating in online discussions.	2
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	4
7	I would prefer to receive video streams on the Internet versus videotapes.	2
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	3
9	I generally get adequate feed back from the instructor.	6
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	2
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate.	4
13	I am often unclear on what I am expected to do for the homework assignments.	2
14	I interact with other students in the class via email on a regular basis.	6
<p>Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.</p>		
15	I communicate with the instructor at least _____ times per week.	b
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	c
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	b
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	
20	I found it was easier to learn the material when Blackboard was used.	
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	
22	I have difficulty getting into the Blackboard site to access the class.	
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	male
25	Are you married? Yes or No	yes
26	Do you have children living at home? Yes or No	no
27	What is your age?	c
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	a
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	e
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

I really enjoyed the ADLN class, it worked out better for me for two reasons. The first is convenience It's more flexible, I don't have to watch the tape on a specific day. The second is because I'm not an extremely outspoken person I felt better able to participate in discussions without having to cut someone else off.

IQPR-015

	Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.	please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	6
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	6
3	The quality of the videotapes I receive is good.	6
4	The lectures tend to be monotonous.	3
5	I tend to feel isolated while participating in online discussions.	2
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	2
7	I would prefer to receive video streams on the Internet versus videotapes.	1
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	1
9	I generally get adequate feed back from the instructor.	5
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	7
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate.	6
13	I am often unclear on what I am expected to do for the homework assignments.	2
14	I interact with other students in the class via email on a regular basis.	4
	Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.	
15	I communicate with the instructor at least _____ times per week.	b
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	a
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	d--3x per week
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	6
20	I found it was easier to learn the material when Blackboard was used.	4
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	6 (I don't know Notes)
22	I have difficulty getting into the Blackboard site to access the class.	3
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	2
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	M
25	Are you married? Yes or No	Y
26	Do you have children living at home? Yes or No	Y
27	What is your age?	c
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	a
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	f
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

Comment on Blackboard.com--I think that the discussion board is roughly equivalent to the discussion board we used last year for MG505 with Prof. Klein. The main advantage of these discussion boards is that one gets to display skills to the instructor. It also makes it somewhat easier to ask questions, but I have rarely obtained information in which I had confidence from a discussion board.

The best feedback that I had so far from an ADLN class was MG 504 Marketing, where there were weekly, small homework assignments. This required a lot of thought prior to the lecture. It is probably a lot of work for the instructor, though. B25

IQPR-016

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you strongly agree.		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	2
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	2
3	The quality of the videotapes I receive is good.	6
4	The lectures tend to be monotonous.	6
5	I tend to feel isolated while participating in online discussions.	3
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	6
7	I would prefer to receive video streams on the Internet versus videotapes.	4
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	2
9	I generally get adequate feed back from the instructor.	5
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	1
11	The instructions I receive via email or the web page are generally clear.	1
12	The tech support I receive from WPI is adequate.	1
13	I am often unclear on what I am expected to do for the homework assignments.	6
14	I interact with other students in the class via email on a regular basis.	6
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	b
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	c
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	b
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	
20	I found it was easier to learn the material when Blackboard was used.	
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	
22	I have difficulty getting into the Blackboard site to access the class.	
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	m
25	Are you married? Yes or No	y
26	Do you have children living at home? Yes or No	n
27	What is your age?	c
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	a
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	e
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

in general, communication among team members is very hard. And the level of cooperation /effort in project assignments is not evenly distributed. I had a bad experience after a big misunderstanding with other members of the group. Also I ended up working more than other peers.

IQPR-017

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, 7 indicates you strongly agree.		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	2
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	7
3	The quality of the videotapes I receive is good.	7
4	The lectures tend to be monotonous.	3
5	I tend to feel isolated while participating in online discussions.	2
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	1
7	I would prefer to receive video streams on the Internet versus videotapes.	1
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	6
9	I generally get adequate feed back from the instructor.	6
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	1
11	The instructions I receive via email or the web page are generally clear.	7
12	The tech support I receive from WPI is adequate.	7
13	I am often unclear on what I am expected to do for the homework assignments.	3
14	I interact with other students in the class via email on a regular basis.	2
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	b
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	c
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	c
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	7
20	I found it was easier to learn the material when Blackboard was used.	4
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	4
22	I have difficulty getting into the Blackboard site to access the class.	7
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	3
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	female
25	Are you married? Yes or No	yes
26	Do you have children living at home? Yes or No	no
27	What is your age?	b
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	bs
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	e
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

IQPR-018

<p>Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.</p>		<p>please enter your response in the cell next to the question</p>
		<p>1 2 3 4 5 6 7</p>
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	3
2	The quality of the material I receive from the school (I.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	4
3	The quality of the videotapes I receive is good.	4
4	The lectures tend to be monotonous.	2
5	I tend to feel isolated while participating in online discussions.	4
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	4
7	I would prefer to receive video streams on the Internet versus videotapes.	1
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	4
9	I generally get adequate feed back from the instructor.	6
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	7
11	The instructions I receive via email or the web page are generally clear.	5
12	The tech support I receive from WPI is adequate.	3
13	I am often unclear on what I am expected to do for the homework assignments.	2
14	I interact with other students in the class via email on a regular basis.	2
<p>Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.</p>		
15	I communicate with the instructor at least _____ times per week.	a
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	b
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	a
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	5
20	I found it was easier to learn the material when Blackboard was used.	4
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	6
22	I have difficulty getting into the Blackboard site to access the class.	2
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	3
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	m
25	Are you married? Yes or No	y
26	Do you have children living at home? Yes or No	y
27	What is your age?	c
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	a
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	f
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

I think the distance education program works great! I do wish there were more classes offered via ADLN for MSOIT. I haven't been without a class to take yet but have a feeling that when I get closer to graduating I may be delayed because a certain class may not be offered when I need it.

IQPR-019

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indica		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	3
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	3
3	The quality of the videotapes I receive is good.	7
4	The lectures tend to be monotonous.	4
5	I tend to feel isolated while participating in online discussions.	3
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	7
7	I would prefer to receive video streams on the Internet versus videotapes.	3
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	2
9	I generally get adequate feed back from the instructor.	2
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	6
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate.	6
13	I am often unclear on what I am expected to do for the homework assignments.	6
14	I interact with other students in the class via email on a regular basis.	6
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	b
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	b
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	d
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	7
20	I found it was easier to learn the material when Blackboard was used.	7
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	7
22	I have difficulty getting into the Blackboard site to access the class.	1
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	7
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	m
25	Are you married? Yes or No	y
26	Do you have children living at home? Yes or No	y
27	What is your age?	d
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	a
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	f
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e)40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

The only comment that can be made about the ADLN program is that the quality of the teachers varies significantly. Professors Elmes and Kasouf are excellent ADLN teachers while others who will remain unmentioned range from terrible to words too ugly to di

IQPR-020

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indica		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	5
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	7
3	The quality of the videotapes I receive is good.	6
4	The lectures tend to be monotonous.	4
5	I tend to feel isolated while participating in online discussions.	2
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	6
7	I would prefer to receive video streams on the Internet versus videotapes.	1
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	2
9	I generally get adequate feed back from the instructor.	6
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	4
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate.	6
13	I am often unclear on what I am expected to do for the homework assignments.	2
14	I interact with other students in the class via email on a regular basis.	6
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	B
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	C
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	A
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	B
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	
20	I found it was easier to learn the material when Blackboard was used.	
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	
22	I have difficulty getting into the Blackboard site to access the class.	
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	Male
25	Are you married? Yes or No	Yes
26	Do you have children living at home? Yes or No	Yes
27	What is your age?	E
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	A
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	A
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	E
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

The first question about interaction with the professor needs clarification. The interaction is different and difficult to compare. In a class the interaction is more spontaneous and misunderstandings are easily handled. In messages the thoughts are ge

IQPR-021

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indica		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	2
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	6
3	The quality of the videotapes I receive is good.	6
4	The lectures tend to be monotonous.	3
5	I tend to feel isolated while participating in online discussions.	7
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	6
7	I would prefer to receive video streams on the Internet versus videotapes.	2
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	1
9	I generally get adequate feed back from the instructor.	6
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	7
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate.	6
13	I am often unclear on what I am expected to do for the homework assignments.	3
14	I interact with other students in the class via email on a regular basis.	3
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	b
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	a
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	c
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	3
20	I found it was easier to learn the material when Blackboard was used.	3
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	4
22	I have difficulty getting into the Blackboard site to access the class.	1
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	2
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	Male
25	Are you married? Yes or No	Yes
26	Do you have children living at home? Yes or No	No
27	What is your age?	c
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	a
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	e
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e)40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

Some times videotapes are a little confusing because overhead camera is not showing what the proffesor is writing.

IQPR-022

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indica		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	1
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	2
3	The quality of the videotapes I receive is good.	6
4	The lectures tend to be monotonous.	5
5	I tend to feel isolated while participating in online discussions.	4
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	6
7	I would prefer to receive video streams on the Internet versus videotapes.	6
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	5
9	I generally get adequate feed back from the instructor.	2
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	2
11	The instructions I receive via email or the web page are generally clear.	5
12	The tech support I receive from WPI is adequate.	4
13	I am often unclear on what I am expected to do for the homework assignments.	5
14	I interact with other students in the class via email on a regular basis.	6
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	a
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	a
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	a
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	
20	I found it was easier to learn the material when Blackboard was used.	
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	
22	I have difficulty getting into the Blackboard site to access the class.	
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	Female
25	Are you married? Yes or No	no
26	Do you have children living at home? Yes or No	no
27	What is your age?	b
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	a
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	e
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

IQPR-023

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, 7 indicates you strongly agree.		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	6
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	7
3	The quality of the videotapes I receive is good.	4
4	The lectures tend to be monotonous.	3
5	I tend to feel isolated while participating in online discussions.	4
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	7
7	I would prefer to receive video streams on the Internet versus videotapes.	6
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	2
9	I generally get adequate feed back from the instructor.	6
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	3
11	The instructions I receive via email or the web page are generally clear.	7
12	The tech support I receive from WPI is adequate.	5
13	I am often unclear on what I am expected to do for the homework assignments.	2
14	I interact with other students in the class via email on a regular basis.	7
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	d
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	c
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	c
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	
20	I found it was easier to learn the material when Blackboard was used.	
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	
22	I have difficulty getting into the Blackboard site to access the class.	
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	Male
25	Are you married? Yes or No	Yes
26	Do you have children living at home? Yes or No	Yes
27	What is your age?	d
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	b
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	e
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

IQPR-024

<p>Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.</p>		<p>please enter your response in the cell next to the question</p>
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	3
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	6
3	The quality of the videotapes I receive is good.	6
4	The lectures tend to be monotonous.	6
5	I tend to feel isolated while participating in online discussions.	6
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	6
7	I would prefer to receive video streams on the Internet versus videotapes.	1
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	3
9	I generally get adequate feed back from the instructor.	6
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	3
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate.	6
13	I am often unclear on what I am expected to do for the homework assignments.	5
14	I interact with other students in the class via email on a regular basis.	4
<p>Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.</p>		
15	I communicate with the instructor at least _____ times per week.	a
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	a
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	b
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	
20	I found it was easier to learn the material when Blackboard was used.	
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	
22	I have difficulty getting into the Blackboard site to access the class.	
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	female
25	Are you married? Yes or No	no
26	Do you have children living at home? Yes or No	no
27	What is your age?	a
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	a
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	f
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

IQPR-025

<p>Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.</p>		<p>please enter your response in the cell next to the question</p>
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	4
2	The quality of the material I receive from the school (I.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	6
3	The quality of the videotapes I receive is good.	6
4	The lectures tend to be monotonous.	2
5	I tend to feel isolated while participating in online discussions.	1
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	6
7	I would prefer to receive video streams on the Internet versus videotapes.	4
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	3
9	I generally get adequate feed back from the instructor.	5
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	6
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate.	6
13	I am often unclear on what I am expected to do for the homework assignments.	2
14	I interact with other students in the class via email on a regular basis.	6
<p>Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.</p>		
15	I communicate with the instructor at least _____ times per week.	b
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	c
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	c
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	6
20	I found it was easier to learn the material when Blackboard was used.	6
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	6
22	I have difficulty getting into the Blackboard site to access the class.	2
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	6
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	m
25	Are you married? Yes or No	n
26	Do you have children living at home? Yes or No	n
27	What is your age?	c
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	a
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	d
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

IQPR-026

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, 7 indicates you strongly agree.		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	3
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	5
3	The quality of the videotapes I receive is good.	6
4	The lectures tend to be monotonous.	4
5	I tend to feel isolated while participating in online discussions.	6
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	6
7	I would prefer to receive video streams on the Internet versus videotapes.	6
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	6
9	I generally get adequate feed back from the instructor.	5
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	1
11	The instructions I receive via email or the web page are generally clear.	4
12	The tech support I receive from WPI is adequate.	2
13	I am often unclear on what I am expected to do for the homework assignments.	4
14	I interact with other students in the class via email on a regular basis.	3
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	b
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	b
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	b
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	
20	I found it was easier to learn the material when Blackboard was used.	
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	
22	I have difficulty getting into the Blackboard site to access the class.	
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	Female
25	Are you married? Yes or No	Yes
26	Do you have children living at home? Yes or No	no
27	What is your age?	b
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	b
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	e
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

IQPR-027

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, 7 indicates you strongly agree.		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	5
2	The quality of the material I receive from the school (I.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	6
3	The quality of the videotapes I receive is good.	7
4	The lectures tend to be monotonous.	2
5	I tend to feel isolated while participating in online discussions.	1
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	7
7	I would prefer to receive video streams on the Internet versus videotapes.	7
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	4
9	I generally get adequate feed back from the instructor.	6
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	7
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate.	5
13	I am often unclear on what I am expected to do for the homework assignments.	2
14	I interact with other students in the class via email on a regular basis.	5
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	b
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	b
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	c
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	7
20	I found it was easier to learn the material when Blackboard was used.	7
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	7
22	I have difficulty getting into the Blackboard site to access the class.	1
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	6
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	male
25	Are you married? Yes or No	yes
26	Do you have children living at home? Yes or No	yes
27	What is your age?	b
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	b
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	f
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

IQPR-028

	Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.	please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	1
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	2
3	The quality of the videotapes I receive is good.	5
4	The lectures tend to be monotonous.	4
5	I tend to feel isolated while participating in online discussions.	5
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	3
7	I would prefer to receive video streams on the Internet versus videotapes.	1
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	7
9	I generally get adequate feed back from the instructor.	1
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	7
11	The instructions I receive via email or the web page are generally clear.	1
12	The tech support I receive from WPI is adequate.	4
13	I am often unclear on what I am expected to do for the homework assignments.	7
14	I interact with other students in the class via email on a regular basis.	4
	Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.	
15	I communicate with the instructor at least _____ times per week.	a
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	b
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	a
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	1
20	I found it was easier to learn the material when Blackboard was used.	1
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	1
22	I have difficulty getting into the Blackboard site to access the class.	4
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	1
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	male
25	Are you married? Yes or No	yes
26	Do you have children living at home? Yes or No	yes
27	What is your age?	d
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	b
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	f
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e)40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

IQPR-029

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you strongly agree.		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	3
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	6
3	The quality of the videotapes I receive is good.	6
4	The lectures tend to be monotonous.	3
5	I tend to feel isolated while participating in online discussions.	5
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	6
7	I would prefer to receive video streams on the Internet versus videotapes.	2
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	5
9	I generally get adequate feed back from the instructor.	6
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	6
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate.	6
13	I am often unclear on what I am expected to do for the homework assignments.	2
14	I interact with other students in the class via email on a regular basis.	5
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	b
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	a
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	a
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	4
20	I found it was easier to learn the material when Blackboard was used.	3
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	3
22	I have difficulty getting into the Blackboard site to access the class.	4
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	3
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	male
25	Are you married? Yes or No	
26	Do you have children living at home? Yes or No	
27	What is your age?	c
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	b
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	f
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e)40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

IQPR-030

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you strongly agree.		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	6
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	7
3	The quality of the videotapes I receive is good.	7
4	The lectures tend to be monotonous.	1
5	I tend to feel isolated while participating in online discussions.	1
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	5
7	I would prefer to receive video streams on the Internet versus videotapes.	4
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	1
9	I generally get adequate feed back from the instructor.	7
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	4
11	The instructions I receive via email or the web page are generally clear.	5
12	The tech support I receive from WPI is adequate.	7
13	I am often unclear on what I am expected to do for the homework assignments.	1
14	I interact with other students in the class via email on a regular basis.	5
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	d
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	a
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	a
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	
20	I found it was easier to learn the material when Blackboard was used.	
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	
22	I have difficulty getting into the Blackboard site to access the class.	
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	Female
25	Are you married? Yes or No	yes
26	Do you have children living at home? Yes or No	yes
27	What is your age?	
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	MS
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	e
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

IQPR-031

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, 7 indicates you strongly agree		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	5
2	The quality of the material I receive from the school (I.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	7
3	The quality of the videotapes I receive is good.	5
4	The lectures tend to be monotonous.	6
5	I tend to feel isolated while participating in online discussions.	1
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	7
7	I would prefer to receive video streams on the Internet versus videotapes.	4
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	7
9	I generally get adequate feed back from the instructor.	7
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	3
11	The instructions I receive via email or the web page are generally clear.	7
12	The tech support I receive from WPI is adequate.	4
13	I am often unclear on what I am expected to do for the homework assignments.	2
14	I interact with other students in the class via email on a regular basis.	2
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	a
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	b
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	c
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	7
20	I found it was easier to learn the material when Blackboard was used.	4
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	7
22	I have difficulty getting into the Blackboard site to access the class.	1
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	4
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	Male
25	Are you married? Yes or No	Yes
26	Do you have children living at home? Yes or No	No
27	What is your age?	c
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	a
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	f
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

IQPR-032

Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indica		please enter your response in the cell next to the question
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	5
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	6
3	The quality of the videotapes I receive is good.	3
4	The lectures tend to be monotonous.	3
5	I tend to feel isolated while participating in online discussions.	6
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	1
7	I would prefer to receive video streams on the Internet versus videotapes.	2
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	6
9	I generally get adequate feed back from the instructor.	6
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	7
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate.	5
13	I am often unclear on what I am expected to do for the homework assignments.	3
14	I interact with other students in the class via email on a regular basis.	5
Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.		
15	I communicate with the instructor at least _____ times per week.	b
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	c
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	c
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	
20	I found it was easier to learn the material when Blackboard was used.	
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	
22	I have difficulty getting into the Blackboard site to access the class.	
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	F
25	Are you married? Yes or No	N
26	Do you have children living at home? Yes or No	N
27	What is your age?	c
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	b
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	f
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e)40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

IQPR-033

<p>Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.</p>		<p>please enter your response in the cell next to the question</p>
		<p>1 2 3 4 5 6 7</p>
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	2
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	7
3	The quality of the videotapes I receive is good.	7
4	The lectures tend to be monotonous.	2
5	I tend to feel isolated while participating in online discussions.	2
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	4
7	I would prefer to receive video streams on the Internet versus videotapes.	2
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	3
9	I generally get adequate feed back from the instructor.	6
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	1
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate.	4
13	I am often unclear on what I am expected to do for the homework assignments.	2
14	I interact with other students in the class via email on a regular basis.	6
<p>Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.</p>		
15	I communicate with the instructor at least _____ times per week.	B
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	B
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	A
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	B
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	<p>If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.</p>	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	7
20	I found it was easier to learn the material when Blackboard was used.	5
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	6
22	I have difficulty getting into the Blackboard site to access the class.	2
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	5
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	MALE
25	Are you married? Yes or No	YES
26	Do you have children living at home? Yes or No	YES
27	What is your age?	C
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	A
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	A
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	E
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	

Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.

ADLN provides a wonderful benefit for students who work full time, and have busy home lives. I have taken a few summer courses through ADLN, and it allowed me to study and review classes at my convenience. It is ideal when you have a young child as I do. I'm surprised you haven't asked where I reside, but I would think you could get the demographic information from the department. I mention this because I live in Auburn, yet I still like taking the ADLN. (not quite avanced distance is my point...) Blackboard use, by far adds to the functionality and overall benefit of the class. It allows for almost real-time class discussions. The only other factor I can stress is that some classes lend themselves to be taught via ADLN better than others. My MG 548 Productivity Managment ,MG511 Leadership Skills, and MG506 Marketing classes were very good, my MG527 Risk Management and MG540 Operations Management classes were not. This may be a function of the professor, or his technques, as well. In summary, I think it is a considerable asset to the program. Don't let question 10

IQPR-034

<p>Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.</p>		<p>please enter your response in the cell next to the question</p>
		1 2 3 4 5 6 7
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	3
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	6
3	The quality of the videotapes I receive is good.	5
4	The lectures tend to be monotonous.	6
5	I tend to feel isolated while participating in online discussions.	3
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	7
7	I would prefer to receive video streams on the Internet versus videotapes.	5
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	6
9	I generally get adequate feed back from the instructor.	3
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	1
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate.	5
13	I am often unclear on what I am expected to do for the homework assignments.	2
14	I interact with other students in the class via email on a regular basis.	6
<p>Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.</p>		
15	I communicate with the instructor at least _____ times per week.	c
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	c
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	c
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	5
20	I found it was easier to learn the material when Blackboard was used.	5
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	6
22	I have difficulty getting into the Blackboard site to access the class.	5
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	3
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	m
25	Are you married? Yes or No	n
26	Do you have children living at home? Yes or No	n
27	What is your age?	a
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	MS
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	f
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	
	Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.	

IQPR-035

<p>Questions 1-14 pertain to your perceptions about distance education classes that you have taken at WPI. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.</p>		<p>please enter your response in the cell next to the question</p>
		<p>1 2 3 4 5 6 7</p>
1	The interaction I have with the instructor in my distance education classes is comparable to the interaction I have had with instructors in traditional classes.	3
2	The quality of the material I receive from the school (i.e. syllabus, handouts, etc.) is comparable to that which I would receive if I attended regular classes.	6
3	The quality of the videotapes I receive is good.	3
4	The lectures tend to be monotonous.	4
5	I tend to feel isolated while participating in online discussions.	2
6	I keep up with the latest trends in technology (e.g. faster modem, upgrading to faster processor speeds, etc).	3
7	I would prefer to receive video streams on the Internet versus videotapes.	5
8	I tend to fast forward the lecturing and play the video when important topics are displayed.	3
9	I generally get adequate feed back from the instructor.	5
10	I would not have enrolled at WPI if I could not complete my degree via distance learning.	5
11	The instructions I receive via email or the web page are generally clear.	6
12	The tech support I receive from WPI is adequate.	5
13	I am often unclear on what I am expected to do for the homework assignments.	2
14	I interact with other students in the class via email on a regular basis.	7
<p>Questions 15-18 ask you for the frequency which you do the following: Please put your answers in the next column.</p>		
15	I communicate with the instructor at least _____ times per week.	b
	a) 0	
	b) 1 to 2	
	c) 3 to 4	
	d) 5 plus	
16	I participate in online discussions with fellow students at least:	b
	a) Once a week	
	b) Twice a week	
	c) 3 plus times a week	
	d) never	

17	I check my email for class related activities at least:	a
	a) Once a day	
	b) Twice a day	
	c) 3 plus times a day	
	d) other:	
18	I watch the video tapes at least:	b
	a) Never	
	b) Once	
	c) Twice	
	d) 3 plus times	
	If you have taken a distance education class using Blackboard, please answer questions 19-23, otherwise skip to question 24. 1 indicates you strongly disagree, 2 indicates you disagree, 3 indicates you slightly disagree, 4 is neutral, 5 indicates you slightly agree, 6 indicates you agree, and 7 indicates you strongly agree with the statement.	1 2 3 4 5 6 7
19	The flow of information is easier when the instructor uses Blackboard in addition to videotapes or the internet.	
20	I found it was easier to learn the material when Blackboard was used.	
21	It is easier to participate in online discussions using Blackboard instead of email or Lotus Notes.	
22	I have difficulty getting into the Blackboard site to access the class.	
23	I feel that I have learned more when taking classes that used Blackboard than those that did not.	
	General Background Information Please fill in your answer in the next column.	
24	What is your gender? Male or Female	F
25	Are you married? Yes or No	n
26	Do you have children living at home? Yes or No	n
27	What is your age?	c
	a) 20 to 25	
	b) 26 to 29	
	c) 30 to 35	
	d) 35 to 40	
	e) over 40	
28	What is your highest level of education?	b
	a) BS	
	b) MS	
	c) PH.D.	

29	Employment status:	a
	a) Full time	
	b) Part Time	
	c) Unemployed	
	d) Homemaker	
	e) Full Time student	
30	If you are employed, approximately how many hours a week do you work?	f
	a) 1 to 10	
	b) 11 to 20	
	c) 21 to 30	
	d) 31 to 39	
	e) 40 to 45	
	f) 45 plus	
	Please use the following space for any additional comments that you would like to make about the distance education program in the Department of Management at WPI.	

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