

Course Title: IST 204 Help Desk Technology & Services

Course Leader: Karen Weil-Yates

Expected Learning Outcomes for Course

- *Demonstrate competence in working with a call center system and professional help desk software*
- *Assist and support others in applying appropriate technology in a business environment in a variety of methods: one-on-one consultation, formalized training, written documentation*
- *Apply critical thinking skills to implement effective strategies to evaluate computer products and define standards for an organization*
- *Analyze and assess user needs for computer systems, software and network products*
- *Implement good facilities management procedures, including: security, media backups, preventative maintenance, ergonomics, recycling*
- *Utilize user support information resources*

Assessment

(How do students demonstrate achievement of these outcomes?)

Students complete assignments from the textbook (Activities and Case Study per chapter); since the course is on-line, they create and post to a blog. This way their classmates can see and comment on their efforts. Some assessments are posted to Moodle. There is one group project that is assigned and worked on throughout the semester. **Examples** of assessments include:

- 15 hours of job shadowing with help desk personnel and writing a report based on that experience; install and learn Help Desk software (comes with textbook) and complete Activities (outcomes #1, #2 & #6)
- Complete Case Study on Evaluating Help Desk software; Case Study on Product Comparisons (outcome #3)
- Learn and utilize project management software (outcomes #2, & #5)
- Evaluating themselves in terms of communication skills, personalities, interactions with others (outcomes #1 & 2)
- Develop troubleshooting methods to assist users (flowcharts); critical thinking skills; knowledge bases (research & critique valid Internet sites) (outcomes #2 & #3)
- Plan, develop, implement and evaluate a training session (outcomes #2 & #6)
- Review a situation and write step-by-step instructions to solve; create a survey to evaluate the results of a Help Desk scenario (outcomes #2 & #4)
- Review and compare Acceptable Use Policies of a company with basic guidelines (outcome #3)
- Create a disaster plan for a home user (outcomes #2 & #5)

Validation

(What methods are used to validate your assessment?)

Other assignments are the result of the instructor's knowledge base, advisory committee suggestions, site visits with internships, and on-site interviews with various local technical personnel. The textbook is published by a leading technology publisher and utilizes Microsoft

Course Outcomes Guide -2019

Office in its assignments and case studies. In addition, this course has transferred as a graduation requirement for Carroll Community College. I also have had several students who work in the Help Desk field and are coming back to take this specific course. Also assessments are periodically reviewed by the Advisory Committee

Results

(What does the data show?)

This is considered to be a capstone course. There are no exams; I will be comparing a few of the major assessments:

	Team Survey Project	Disaster Plan	Training Module
2019	90%	88%	88%
2018	93%*	No data collected	84%

There were only four students in 2019 that completed the course. *There were only 2 students that completed the class this year (2018).

The training module was a project that students were encouraged to work on from the beginning of the semester and then present on campus during the 14th week of the semester to an audience of their peers. The Team Survey Project demonstrates outcomes 2, 3, & 6 with students create an mock Help Desk scenario and an accompanying set of survey questions, then having classmates read and rate their work in an online survey.

Follow-up

(How have you used the data to improve student learning?)

The training module continues to be successful as is the Job Shadowing assignment. The training module serves as the on-campus assessment for this on-line course. Students come to campus and present a small portion of their training and discuss their preparations, handouts, agendas, and evaluations.

The survey project involved creating a call center scenario, asking volunteer participants to read and the scenarios and then complete a survey on “how well” the problem was resolved. I will continue to use this assessment.

The Disaster Recovery assessment needs to be rewritten before next spring. Students do not do a thorough job with this assignment; their reports are too vague.

Budget Justification

(What resources are necessary to improve student learning?) Students receive requirement software with their texts and through the MSDNA Alliance; Adobe Connect (webinar software for on-line meetings); Camtasia (for recording vidcasts).