1. Introduction

The Statistical Training Institute (STI), an affiliate of Statistics Korea, provides a variety of contents through e-learning programs, encouraging voluntary and self-motivated study among trainees. The absolute and relative number of e-learning trainees continues to increase. E-learning is popular among busy public officials, especially to KOSTAT staff of local offices, as it offers the opportunity to study at anytime, anywhere.

2. Contents

Operators of the e-learning always face the task of selecting topics fit to e-learning environment and creating well-designed programs and contents. Regular courses are usually developed through outsourcing, and it normally takes five to six months to develop a course. Contents are developed in light of educational engineering considerations, content delivery and user interests and attention, and related content specialists invest huge amounts of time in the development. E-learning courses are available online, and trainees may access and study them at anytime.

3. Management

The e-learning programs use the LMS (Learning Management System), and proceed from the course application to completion of tests, evaluation and course completion. E-learning is available to trainees who have registered on the e-learning center (http://sti.kostat.go.kr) and have been accepted. The e-learning center offers not only open courses, but also videos of actual class sessions and various e-books and materials so that trainees may access and study them at anytime.

4. Strategies

The e-learning programs offer convenience. But, they also pose problems such as low control, low level of completion, difficulties in fair evaluation, and low level of educational efficacy. At the STI, we try to overcome such shortcomings through the following efforts. First, we have adopted the "Seven Touch" principle, which requires at least seven essay-based evaluations per course and 20% of progression and 80% of evaluation. A trainee who has failed to complete a course is prohibited from taking another e-learning course for the next three months. The number of homework reports is determined based on the level of educational efficacy.

\[\text{Total} = 15741, \quad \text{Headquarter} = 1430, \quad \text{Local Offices} = 6902, \quad \text{Others} = 2839, \quad \text{Public} = 3992, \quad \text{Others} = 630, \quad \text{Public} = 539, \quad \text{Others} = 190, \quad \text{Public} = 3019, \quad \text{Local} = 1218, \quad \text{Public} = 958, \quad \text{Local} = 1436, \quad \text{Public} = 1328, \quad \text{Local} = 6907, \quad \text{Public} = 2434, \quad \text{Others} = 3789, \quad \text{Public} = 4, \quad \text{Others} = 353, \quad \text{Public} = 215, \quad \text{Others} = 153.\]