

DUSSADEE SONTARARACHON : A DEVELOPMENT OF COURSE CONTENT ON FABRIC DESIGN FOR TEXTILE DESIGN STUDENTS AT THE CERTIFICATE LEVEL OF THE INSTITUTE OF TECHNOLOGY AND VOCATIONAL EDUCATION, BANGKOK TECHNICAL CAMPUS. THESIS ADVISOR : Dr. SANTI KHUNPRASERT , Dr. CHUMPOL POOL-PATARACHEVIN 179 pp.

The purpose of the study was to development a course content on Fabric design for Textile design students at the certificate level of the Institute of Technology and Vocational Education, Bangkok Technical Campus.

Methods of the study included :

- 1: Studied theories and principles, including collecting data, concerning course content development of Fabric design.
2. Conducted "Needs Assessment" on Fabric design course with college administrators, students, and teachers; concerning the present and future learning-teaching situations and used the resulting data as a preparatory information to develop the course content.
3. Developed the course content of Fabric design by employing the EDFR (Ethnographic Delphi Futures Research) which emphasis on advise, comment, and judgement of the expert panel. Seven experts were selected by using the purposive sampling method, they were experts in the area of Fabric design such as manufacturers, educators, and designers. Then three rounds of the EDFR have been conducted. In the first round the researcher interviewed the experts concerning major principles and then construct the Five Rating Scale questionnaires. In the second round, questionnaires have been conducted with the experts and resulting data have been an analyzed by employing the statistical median of upper 3.25 basis, and then reconstruct another set of the Five Rating Scale questionnaires, together with open-ended questions. These questionairs consisted of Educational goals, course objectives, course description and lesson topics. In the third round, the last set of questionnaires have been conducted and statistical analyzed by median and interquartile range, and then presented in tables with explanations.

It was found that the qualified professional fabric designer criterias have been established under the expert panel approval. In addition course content and teaching units of Fabric design have been developed.