

Thesis	The Desires for Instructional Development of Fishery Instructors and Technical Fishery Students in The Agricultural and Technological Colleges , The Department of Vocational Education
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ABSTRACT

The objectives of research aimed at studying. 1) the status quo of fishery instructors and technical fishery students in the Agricultural and technological Colleges under the Department of Vocational Education. 2) surveying the teaching and learning condition of fisheries in those colleges and 3) studying the desires for fishery instructional development of fishery instructors on 7 aspects namely : curriculum development , teaching techniques and methods , teaching aids , test measurement and evaluation , technical knowledge and technical skilled development , research and development and fishery academic services for communities. The study also included the desires for fishery instructional development of technical fishery students in 4 aspects namely : teaching techniques and methods , teaching aids , test measurement and evaluation , and technical knowledge and technical skills development.

Fifty-seven of fishery instructors and one-hundred and fifty-six of technical fishery students in The agricultural and technological colleges throughout the country were population. Constructed questionnaires were the tool for gathering data. Mailed questionnaires were use and receiving back from 42 fishery instructors (73.68 %) and 130 technical fishery students (83.33 %). All data were processed through computer program of SPSS and analysing by applying frequency counts , percentage , means , weighted mean score and standard deviation.

The results of research found that the majority instructors were male and married , the average of their age was 33.12 years old and having their average time of working with

government officials service at 8.86 years. Most of them graduated bachelor degree program in fishery and aquaculture and having 7-12 years of their teaching experience. Most of technical fishery students who were respondents were male , having their average of age at 20.25 years old and their residence were in the southern region. They lived with their parents who engaged in agricultural occupation.

For fishery teaching and learning condition in the agricultural and technological colleges , more than half of fishery instructors indicated that each of them had the average of 21.62 students under his advice. The suitable location for fishery of the colleges were at the moderated level. There were adequate land/area for teaching fishery. Class room for fishery were inadequate. Teaching equipments , supplies and chemicals for fishery teaching were also inadequate. Participation of the communities for curriculum development were meagre. The suitable curriculum including suitable learning and teaching activities ; activity participation ; pre test and post test and transferring new fishery technologies were all at the moderate level. Doing research for people or farmers in communities and bringing research results to develop instruction were at the least level. Provided fishery training for people in communities were at moderate level , but to follow-up those training were at the moderate to the least level. The study also showed that the colleges provided the place or facilities for student practices at the moderate to the most levels in following categories : fish raising , fish culture , water animal product processing , repairing fishery equipments , Most of fishery instructors indicated that they trained their students to be farmers or fishermen , and their students intended to study only at the moderate level . However , they emphasized their teaching both of theories and practices. They also pointed out that the serious problems of their fishery teaching were inadequate labor , inadequate fishery equipments and supplies and stolen fishery products. They also proclaimed that the college administrators paid attention to fishery instruction only at the moderate level and they also mentioned that texts and academic publication of fishery in the college libraries were least. In the same manner , the technical fishery students expressed their opinions on the fishery teaching and learning conditions in the agricultural and technological colleges , they agreed with their fishery instructors in the following categories : the suitable location for fishery of colleges and the land/area for teaching fishery were adequate. The class rooms for fishery teaching were inadequate. For teaching equipments , supplied and chemicals were in adequate. There were suitable learning and teaching activities. The activity participation , pre test and post test and transferring new fishery technologies were all at the moderate level. They proclaimed that the

colleges provided the places or facilities for students practices concerning fish culture and fish raising at the most level . Contrastly , half of the technical fishery students indicated the study was suitable for further studies. The majority of them mentioned that Their intension for studies were at moderate level and the instructors taught them both of theories and practices. They indicated serious problems of fishery teaching were indequate fishery equipments and supplies , and stolen fishery products . They also agreed that the college administrators paid attention to fishery instruction only at the moderate level including the texts and academic publications of fishery in the college libraries were least. However they mentioned that their fishery instructors had high ability to transfer their knowledge.

The desires for fishery instruction development , both fishery instructors and technical fishery students claimed to develop at the much level in all aspects according to all aspects which were asked in each group.