

behind mouth. The class is filled with picture-text and phono-video combinations, allowing students to get stereo knowledge about the content through multi-type communication. Eventually comes better result out from higher effect [6]

B. Effectively utilize material objects

Simply oral introduction of engineering apparatuses and their components in TE course with the widely lack of engineering practice among students degrades teaching results. On the contrary, selected material objects according to teaching content such as products or models of cooling tower, vapor jet, piston air compressor and humidometre, improve teaching positively by help students understand the content directly and visually. Briefly speaking, material objects and models render students more impressive on the course, and vivid explanation of the tutor lays more sensation on the students and cultivates their three-dimension thinking style. Both boosted are the students' interest and the teaching effect.

C. Effectively improve experimental teaching method

Experiments uncover natural phenomena, verify science hypothesis and disciplines, explore unknown areas of science and perfect functions of science. Experimental teaching bases the teaching on experiments and is directive, practical and objective in better relating basic theories to engineering practice and helping understand the concepts and analyze practical problems. However, traditional experimental teaching method sets students to do experiments, record results and hand in experiment reports under the tutors' explanation of theories, apparatuses, content, and specification of the experiments. That is actually displaying teaching method through confirmatory experiments, which can't inspire students' thinking and train them to independently design and complete researching experiments. Therefore it's necessary to add intensive content on theories and methods of experiment and experiments of comprehensiveness, design ability and research, which together enable students to master experimental research methods and techniques into thermodynamic processes, train their capability of operation and inspire their creativity.

Conclusion

Thermal Engineering is an extensive and profound principle and also a quite important professional basic course. There are already lots of valuable experiences out from researches by seniors and peers. We consider that there are principles but no modes of teaching. It needs us to adopt proper teaching plan and method based on teaching content and objects. Thus developing and integrating functions of different teaching plans and methods to truly teaching on students' responses. Then it is possible to get good teaching results and complete the task of cultivating qualified talents.

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