

Decision of Institutional Certified Evaluation and Accreditation

National Institute of Technology, Kumamoto College complies with the Standards for the Establishment of Colleges of Technology and other relevant laws and regulations, and meets the Standards for Evaluation and Accreditation of Colleges of Technology set by NIAD-QE.

Good practices identified by the review committee include:

- In the practice of creative education, a series of lectures in “Combined Engineering Seminar I/II”, which is a student-led cross-course project-style study, being offered to 4th and 5th grade students of the compound 3 courses (Department of Mechanical and Intelligent Systems Engineering, Department of Architecture and Civil Engineering, Department of Biological and Chemical Systems Engineering), and systematic approach towards creative education since the first grade students, with student-led study of actual challenges in the community by the PBL method in the Department of Architecture and Civil Engineering, that has led to student success in various contents, which is an opportunity to demonstrate the creativity the students acquired, such as receipt of the first prize in the space design division in KOSEN design competition for colleges of technology for two consecutive years by a student in the Department of Architecture and Civil Engineering;
- Arrangement of diploma course with the aim of fostering creativity by conducting training in how to conceive, a basic concept in engineering development, abilities to explore challenges and create, and “Creative Production Technologies” in Electronics and Information Systems Engineering Course, in which students can learn from the basics of creativity as engineers, to how to think and implement, such as creation of an idea and patent creation method, etc., and “Technics of creative skill” in Production Systems Engineering Course, in which students conduct idea training by working on assignments with use of idea tools, such as mechanical idea method, or brain storming, and moreover learn a theory of creating things to recognize the importance of creative power, that led to receipt of grand and other prizes by applying “Idea Contest in Kumamoto” individually or in a group;
- An Extremely high employment rate (the number of students employed divided by the number of students seeking employment after graduation) for both the associate and diploma courses, with students employed in the manufacturing industry, ICT industry, construction industry, at electricity/gas/heat/water supply companies, and other employment befitting of the engineers the college hopes to produce; and an extremely high rate of students advancing to higher education (the number of students advancing to higher education divided by the number of students wishing to advance to higher education) for

both the associate and diploma courses, with students advancing to the diploma courses at colleges of technology or engineering faculties or academic units at universities that are related to the students' associate/diploma courses; and

- Active initiatives for improvement of educational quality by individual academic staff, such as educational improvement group's activities aimed at course improvement through mutual open classes, and course collaboration group's activities which check the contents of other staff's syllabi.

Areas for improvement identified by the review committee include:

- Although questionnaire regarding academic abilities, skills and abilities acquired while in college targeted internal and external parties involved in including graduates for 2014, insufficient analysis of the survey results, which are not fully utilized for educational outcomes and evaluation of effectiveness.

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