

No.	Code	Name
Criterion 1: Expected learning outcomes		
1	Exh.1.1	<p>Student Handbook</p> <ul style="list-style-type: none"> - General introduction - Code of the convention branch, branch names, abbreviations, faculty / management centers - Vision, mission and core value of FEEE - Expected learning outcomes of programs - Detail Curriculum - Course schedules in each semester - Frequency questions and answers in learning, job orientation, scholarship, faculty policy, life in FEEE. - Regulations on study time - Guiding the implementation of the Regulation on training university and college system of MOET under the credit system - Notice of enrolled simultaneously 2 programs - The decision on issuing not exam regulations and transfer points the language modules - Decision issued regulations students, students of universities, colleges and professional secondary education system of government - Decide on the form issued regulations, standards emulation titles and commendation of students - Regulations on the reward levels for pupils and students - Decision issued the form, content and framework violating sanctions imposed on pupils and students - The decision to promulgate regulations implementing organization of Social Work program for regular students - Promulgate the regulation on evaluating the results of student' attitudes of regular students HCMUTE - Decision on encouraging academic scholarships to students, students in special schools, schools for gifted, institutions of higher education and professional secondary education under the national education system - Guidance adjusted levels promotes learning scholarships for regular students - Regulation on exemption or reduction of tuition, the cost of learning support, using tuition for educational institutions under the national education system from the 2010-2011 school year to the 2014-2015 school year <p>APPENDIX</p> <ul style="list-style-type: none"> - Regulations on the credit for pupils, students - Notification process improvement grant for student papers - Some guidelines for students - Application to discontinue course - Application for temporary postponement of studying - Application to continue learning - Application for assistance fund grant exemption and tuition - Certificate for students
2	Exh.1.2	<p>Minute of the meeting with skilled experts to analyze the electrical and electronic career</p> <ul style="list-style-type: none"> - Experts and lecturers discussed training objectives and ELOS for EEET and structure training programme - Experts suggested additional items ability to improve their learning, "Implementation of intensive research in electrical engineering, power system ". - Experts and teachers discuss the construction and adjust the annual training programme: should have described the training objectives include knowledge; skill; attitude; position and ability to work after graduation; learning ability, improve after graduation; all subjects should have adequate learning materials. - Adding electives in training programs, increasing the choice of subjects and areas of expertise to students

		- Experts and lecturers agreed: duration training program is 8 semesters (4 years).
3	Exh.1.3	<p>Summative report on survey results in 2007-2009</p> <p>Year: 2007</p> <ol style="list-style-type: none"> 1. Time: 06-2007 2. How to make: Send directly the survey to respondents 3. The number of surveys collected votes: 84 votes (Company Business: 16 votes, experts: 13 votes, Alumni: 19 votes, lecturers: 21 votes, students: 15 votes). 4. The contents of general report: The ELO and training programs EEET achieved the consent of stakeholders concerned. With 05 degree rating scale (1: Not achieved; 2: Need to edit; 3: Satisfactory; 4: Good, 5: Excellent). 5. Other comments: <ul style="list-style-type: none"> - Adding elective courses on theoretical training programs, increasing the choice of subjects and intensive areas for students - Should separate Electrical and Electronics Engineering and Engineering training program and pedagogy Electricity - Electronics programs. - Need to a description of training objectives, learning outcomes include: knowledge; skill; attitude; position and ability to work after graduation should state clearly; learning ability, improve after graduation. - Need to table describes training plan for each semester. - Increases the duration of practice, learning content related to reality. - Improving the students' English proficiency. - Archive to reduce the number of credits, the current program is too heavy - Develop learning outcomes for EEET - Reduce the hour of political subjects, strengthen the specialized knowledge, soft skills, practice - Remove Applied Mechanics courses <p>Year: 2009</p> <ol style="list-style-type: none"> 1. Time: 03-2009 2. How to make: Send directly the survey to respondents 3. The number of surveys collected votes: 73 votes: (Company Business: 19 votes, experts: 10 votes, alumni: 16 votes, staff: 15 votes, student: 13 votes). 4. The contents of general report: The ELO and training programs EEET achieved the consent of stakeholders concerned. With 05 degree rating scale (1: Not achieved; 2: Need to edit; 3: Satisfactory; 4: Good, 5: Excellent). 5. Other comments: <ul style="list-style-type: none"> - Should be additional for selected courses - Improving the students' English proficiency. - Change the subject Informatics Introduction by subject Programming Visual Basic - More knowledge on energy management
4	Exh.1.4	<p>Summative report on benchmarking results of EEET Programme with other proportional programs</p> <p>I. Standard output (program Outcomes)</p> <p>Training criteria</p> <ol style="list-style-type: none"> 2. Outcomes. 3 Assessment Method <p>II. Framework program</p> <ol style="list-style-type: none"> 1. Georgia Institute of Technology (USA) 2. University of California, Berkeley 3. University of Madras - India 4. Bandung Institute of Technology - Indonesia 5. Assumption University - Thailand 6. Chulalongkorn University - Thailand 7. Hong Kong Polytechnic University 8. NTU Singapore 9. University of Melbourne - Australia 10. University of Auckland - New Zealand

		<p>11. Comments of the framework program in electrical engineering</p> <p>III. Course organization</p> <p>1. Integrated or not integrated subjects.</p> <p>2 Syllabus</p> <p>IV. Student evaluation</p> <p>V. Conclusion</p>
5	Exh.1.5	<p>Decision No.558 date 28/07/2012 promulgation of the ELOs in 2012</p> <ul style="list-style-type: none"> - Issuing of 21 branch training programs ELOs university degrees (including electrical and electronics engineering) - Applying from school year 2012 - The ELOs higher education are the basis for the faculty, training units construct, content editing training programs, training plan, as a basis for the renewal of content, teaching methods and methods of assessment of lecturer's modules, as the basis for innovative student learning methods to meet the needs of society.
6	Exh.1.6	<p>Minute of the meetings with employers, industrial consulting experts, lecturers, alumni, and the representatives of current students</p> <ul style="list-style-type: none"> ▪ Minute of the meeting with employers <ul style="list-style-type: none"> - Should strengthen soft skills for students - Strengthening of foreign language for students - Add the subjects of management, creative thinking - Raise public awareness, social responsibility, authority, it is necessary to add requirements to the full implementation of social works day. ▪ Minute of the meeting industrial consulting experts <ul style="list-style-type: none"> - Further strengthening for selected courses - Reduce the number of credits down - Added ability to share awareness of lifelong learning ▪ Minute of the meeting with lecturers <ul style="list-style-type: none"> - Proposal to add the software to support student learning. - In the training objectives should note add ethical and professional attitude. - Enhanced and additional specialized for selected courses to help students better oriented subsectors. - Focus on training, improve design capabilities of students - Propose additional teaching assistants ▪ Minute of the meeting with alumni <ul style="list-style-type: none"> - Raise public awareness, social responsibility - Improving the language skills for students ▪ Minute of the meeting with the representatives of current students <ul style="list-style-type: none"> - Propose additional teaching assistants - Recommended portfolio with equivalent courses - Need to have more online learning software.
7	Exh.1.7	<p>Minute of the meeting with the Board of Science and Education faculty of the programme adjustment</p> <ul style="list-style-type: none"> ▪ Section Notes Base Knowledge and branch sectors need more: Students choose 2-3 courses and accumulate at least 6 credits. ▪ Semester 8 layouts only graduate internship and thesis for a total of 13 credits is very reasonable. ▪ Need adjusted so that the theoretical courses take place one half semesters before practice / experiment respectively. <p>Recommend adjust teaching plan as follows:</p> <ul style="list-style-type: none"> ▪ Moving Power System course from semester 6 to semester 4 ▪ Moving the subject 1 course project from semester 6 to semester 7 ▪ Moving Electrical Safety course from semester 5 to semester 4 ▪ Moving automatic control system course from semester 5 to semester 4 ▪ Moving Electrical Drive course from semester 5 to semester 6 ▪ Moving Electrical Drive on Practice course from semester 8 to semester 7

		<ul style="list-style-type: none"> ▪ Moving Power Electronics on Practice course from semester 8 to semester 6 <p>Adjust the names of the following courses:</p> <ul style="list-style-type: none"> ▪ Electrical Drive fix to Automatic Electric Drive ▪ 1 course project fix to Project on Electric Drive ▪ 2 course project fix to Project on Power Supply System ▪ 3 course project fix to Project on Programmable Logic Controller ▪ Processor (Electrical) fix to the Processor 																																																																														
8	Exh.1.8	<p>Questionnaires for stakeholder survey to design the ELOs of the EEET Programme and the summative survey results from 2011 to 2015</p> <table border="1"> <thead> <tr> <th>ELOs of Electrical and electronics Engineering training programme</th> <th>Total agree</th> <th>Agree</th> <th>Consider</th> <th>Disagree</th> <th>Total disagree</th> </tr> </thead> <tbody> <tr> <td>1. Apply fundamental knowledge of mathematics, natural science and social science; achieve more specialized knowledge and study further at higher levels.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>2. Construct the basis of core technological knowledge about Power System and Automatic Electric Drive.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>3. Create the combination of advanced specialized knowledge in the fields of Power System, Power Saving and Automatic Electric Drive.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4. Analyze and argue for technical matters; brainstorm systematically, and solve electrical and electronic matters.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5. Examine and experiment electrical and electronics matters.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6. Implement proficiently professional skills in the electrical and electronics field.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>7. Work independently; lead and work in a team.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>8. Communicate effectively in various methods: written communication, electronic communication, graphics and presentation.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>9. Use English in communication.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>10. Realize the roles and responsibility of engineers and social circumstance which has impacts on the technical activities of electrical and electronics industry.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>11. Comprehend business culture, work ethics principles, and working style of industrial organizations.</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>12. Take shapes of ideas, set up requirements, determine functions and elements of the Power System, Power Supply System, Renewable Energy, Power Saving, Electric Machines, and Automatic</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	ELOs of Electrical and electronics Engineering training programme	Total agree	Agree	Consider	Disagree	Total disagree	1. Apply fundamental knowledge of mathematics, natural science and social science; achieve more specialized knowledge and study further at higher levels.						2. Construct the basis of core technological knowledge about Power System and Automatic Electric Drive.						3. Create the combination of advanced specialized knowledge in the fields of Power System, Power Saving and Automatic Electric Drive.						4. Analyze and argue for technical matters; brainstorm systematically, and solve electrical and electronic matters.						5. Examine and experiment electrical and electronics matters.						6. Implement proficiently professional skills in the electrical and electronics field.						7. Work independently; lead and work in a team.						8. Communicate effectively in various methods: written communication, electronic communication, graphics and presentation.						9. Use English in communication.						10. Realize the roles and responsibility of engineers and social circumstance which has impacts on the technical activities of electrical and electronics industry.						11. Comprehend business culture, work ethics principles, and working style of industrial organizations.						12. Take shapes of ideas, set up requirements, determine functions and elements of the Power System, Power Supply System, Renewable Energy, Power Saving, Electric Machines, and Automatic					
ELOs of Electrical and electronics Engineering training programme	Total agree	Agree	Consider	Disagree	Total disagree																																																																											
1. Apply fundamental knowledge of mathematics, natural science and social science; achieve more specialized knowledge and study further at higher levels.																																																																																
2. Construct the basis of core technological knowledge about Power System and Automatic Electric Drive.																																																																																
3. Create the combination of advanced specialized knowledge in the fields of Power System, Power Saving and Automatic Electric Drive.																																																																																
4. Analyze and argue for technical matters; brainstorm systematically, and solve electrical and electronic matters.																																																																																
5. Examine and experiment electrical and electronics matters.																																																																																
6. Implement proficiently professional skills in the electrical and electronics field.																																																																																
7. Work independently; lead and work in a team.																																																																																
8. Communicate effectively in various methods: written communication, electronic communication, graphics and presentation.																																																																																
9. Use English in communication.																																																																																
10. Realize the roles and responsibility of engineers and social circumstance which has impacts on the technical activities of electrical and electronics industry.																																																																																
11. Comprehend business culture, work ethics principles, and working style of industrial organizations.																																																																																
12. Take shapes of ideas, set up requirements, determine functions and elements of the Power System, Power Supply System, Renewable Energy, Power Saving, Electric Machines, and Automatic																																																																																

		Electric Drive.						
		13. Design required elements of the Power System, Power Supply System, Renewable Energy, Power Saving, Electric Machines, and Automatic Electric Drive.						
		14. Implement hardware and software for elements of small Power System, Power Supply System integrated with recycled power with consideration to Power Saving and Automatic Electric Drive.						
		15. Operate Power System, Power Supply System, and Automatic Electric Drive systems; manage the operation of the electrical and electronic systems.						