



Ashikaga Institute of Technology
Graduate School of Engineering

Graduate School code: 1

Web site: <http://www.ashitech.ac.jp>

1. Graduate School code	1	
2. Maximum number of participants	3 Participants per year	
3. Fields of Study	<input type="checkbox"/> Environmental Science <input type="checkbox"/> Marine Science <input type="checkbox"/> Meteorology <input type="checkbox"/> Natural Disaster/ Disaster Prevention Science <input type="checkbox"/> Tourism <input type="checkbox"/> Politics <input type="checkbox"/> Economics <input type="checkbox"/> Sociology <input type="checkbox"/> Education <input checked="" type="checkbox"/> Engineering <input type="checkbox"/> Agriculture (incl. Fisheries) <input type="checkbox"/> Geology <input type="checkbox"/> ICT <input type="checkbox"/> Medical Science <input type="checkbox"/> Others()	
Sub Fields	Renewable Energy and Environmental Engineering, Mechanical System Engineering, Electrical and Electronic Engineering, Systems and Information Engineering, Fireworks, Architectural Structure Engineering, Construction Material Engineering, Construction Planning, Environmental Systems Engineering	
4. Program and Degree	Program	(1)Information Science and Manufacturing Engineering (2)Construction and Environment Engineering
	Degree	Master of Engineering
5. Standard time table (Years needed for raduation)	Starting as a Research Student up to 6 months, then 2 years as a Master's Student after passing the entrance exam	
6. Language of Program	(1) Lecture: All lectures in English (2) Text: English but Japanese text will be used partially while English instructions are given orally. (3) Laboratory work: Safety instructions are written in English. Conducting of the research is generally instructed by the supervisor in English. (4) Seminar: Seminars including Japanese students are generally in Japanese, but there are many occasions where foreign students can interact in seminars in English.	
7. Desirable English level and Necessary Academic ackground	Linguistic Ability	Applicants are requested to possess test score TOEFL PBT: 550, or equivalent (at least above 500) At least 16 years of academic background or equivalent.
	EJU, IELTS, GRE or else	
8. Prior Inquiry From Applicants (Before Submission of Application Documents)	See information of 10. Professors and Associate Professors	

9. Website	(1)Graduate School of Ashikaga Institute of Technology <i>http://www.ashitech.ac.jp/ehome/index.html</i> (2)Ashikaga Institute of Technology <i>http://www.ashitech.ac.jp/ehome/index.html</i>
10. Professors and Associated Professors	
Name	Research Subject, Contact (e-mail), Special message for the Future students
Prof. Yasutaka Ando (Mr.)	Materials Science, Surface Modification Contact yando@ashitech.ac.jp
Prof. Yuichi Nakajo (Mr.)	Solar Thermal Applications (especially small scale), History of Mechanical Engineering. R&D on Appropriate Technology for Developing Countries. Contact nakajo@ashitech.ac.jp
Prof. Yasuo Sakurai (Mr.)	Fluid Power System, Functional Fluid. Contact ysakurai@ashitech.ac.jp
Prof. Shigeaki Kobayashi (Mr.)	Material Science and Engineering (especially focused on grain- and interphase- boundary engineering, processing of high performance nanostructured materials). Contact skoba@ashitech.ac.jp
Prof. Tatsuya Doi (Mr.)	Computational Electromagnetics (especially new approaches using quantum computing and cellular automation), EMC (especially for field source sensing in a PCB or a semiconductor devices). Contact t-doi@ashitech.ac.jp
Prof. Kazuya Yokoyama (Mr.)	Applied Superconductivity (Especially High-Temperature Superconductors), Stabilizing Control of Power Systems. Contact k-yokoyama@ashitech.ac.jp
Prof. Akinori Kimura (Mr.)	Computer Graphics, Image Processing, Computer Visualization, High Energy Physics, and Radiotherapy Simulation. Contact AKimura@ashitech.ac.jp
Prof. Dayu Ding (Mr.)	Energetic Materials, Mechanics of Shock Wave and Explosion, Pyrotechnics, Safety Engineering. Contact dding@ashitech.ac.jp
As. Prof. Masato Sasaki (Mr.)	System Optimization by Soft-computing Approach, Intelligent e-Business System. Contact sasaki.masato@v90.ashitech.ac.jp
Prof. Yoshitaka Suetake (Mr.)	Structural Mechanics (especially focused on plates and shells), Computational Mechanics. Contact ysuetake@ashitech.ac.jp

Prof. Shingo Miyazawa (Mr.)	Civil Engineering (especially focused on concrete technology). Contact smiyazaw@ashitech.ac.jp
Prof. Masatomo Nagao (Mr.)	Hydraulics, Coastal Engineering, River Engineering. Contact nagao@ashitech.ac.jp
Prof. Tomoyoshi Nishimura (Mr.)	Soil Mechanics for Unsaturated Soils and Saturated Soils, Geo-Environmental and Geotechnical Engineering. Contact tomo@ashitech.ac.jp
Prof. Miki Watanabe (Ms.)	Architectural History, Architectural Design. Contact mikiw@ashitech.ac.jp
Prof. Hiroaki Saito (Mr.)	Environmental Engineering, Building Physics. Contact hsaito@ashitech.ac.jp
11. Features of University	
12. Features of Graduate School	<p>Since its foundation, based on the spirit of “wa” or harmony, advocated by Prince Shotoku, AIT has provided undergraduate education with the aim of production industrial engineers, particularly “mid-level engineers,” who can comprehensively grasp all industrial activities and make decisions based on a rich sense of human values and wisdom. From these origins, the master’s program was established in 1990 in response to the social demand for “advanced engineers.”</p> <p>As a means to meet social needs not only of regional communities but also in an international context, with the goal of achieving education for training “advanced professionals,” the graduate engineers with a human perspective “based on the Institute’s philosophy of “wa.”</p> <p>The master’s program of the Ashikaga Institute of Technology consists of two specialized fields; Information Science classes are offered not only in cutting-edge research related to contemporary social demands and trends, but also in interdisciplinary and program-wide fields. This guarantees a structure under which students can acquire academic knowledge based on a wide vision, knowledge that is not disproportionately focused on specialized areas, in a way that allows each department to fulfill the role of the graduate school in cultivating human talent.</p> <p>Ashikaga Institute of Technology will be renamed to Ashikaga University in April 2018.</p>
13. Features and Curriculum of Program	<p>(1) Master’s Program of Information Science and Manufacturing Engineering</p> <p>The program provides specialized courses for Renewable Energy and Environmental Engineering, Mechanical System Engineering, Electrical and Electronic Engineering, Systems and Information Engineering, and Fireworks.</p> <p>(2) Master’s Program of Construction and Environment Engineering</p> <p>The program provides specialized courses for Architectural Structure Engineering, Construction Material Engineering, Construction Planning, and Environmental Systems Engineering.</p>

14. Academic Schedule	<p>Ashikaga Institute of Technology's academic schedule is comprised two terms.</p> <p>Spring Semester 2017 April 3 – September 20</p> <table> <tr><td>Entrance ceremony</td><td>April 3</td></tr> <tr><td>Guidance</td><td>April 3 – April 5</td></tr> <tr><td>Classes Commence</td><td>April 10</td></tr> <tr><td>Class registration</td><td>April 10- April 14</td></tr> <tr><td>Spring Semester Examinations</td><td>Late July</td></tr> <tr><td>Classes End</td><td>July 28</td></tr> <tr><td>Summer Vacation</td><td>August 2 – September 20</td></tr> <tr><td>Issue of Grade Reports</td><td>Mid-August</td></tr> </table> <p>Fall Semester 2017 September 21 – March 31</p> <table> <tr><td>Guidance</td><td>September 21</td></tr> <tr><td>Classes Commence</td><td>September 22</td></tr> <tr><td>Class registration</td><td>September 22 - September 28</td></tr> <tr><td>AIT School Festival</td><td>October 7 – October 9</td></tr> <tr><td>Winter Vacation</td><td>December 26 – January 4</td></tr> <tr><td>Fall Semester Examination</td><td>Late January</td></tr> <tr><td>Classes End</td><td>January 26</td></tr> <tr><td>Issue of Grade Reports</td><td>Early March</td></tr> </table>	Entrance ceremony	April 3	Guidance	April 3 – April 5	Classes Commence	April 10	Class registration	April 10- April 14	Spring Semester Examinations	Late July	Classes End	July 28	Summer Vacation	August 2 – September 20	Issue of Grade Reports	Mid-August	Guidance	September 21	Classes Commence	September 22	Class registration	September 22 - September 28	AIT School Festival	October 7 – October 9	Winter Vacation	December 26 – January 4	Fall Semester Examination	Late January	Classes End	January 26	Issue of Grade Reports	Early March
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15. Supporting service to International Students																																	
International Students Support Center for Consulting or counseling about daily life, campus life, cross-cultural adjustment etc.	<p>International Student Services Section</p> <p>Student Services Section</p> <p>Academic Affairs Section</p>																																
Provision of Student Dormitory	We do not have a student dormitory though we can provide you an apartment for students around Institute which are affiliated with our Institute.																																
Japanese Language Education Program for International Students	There are Japanese language programs every day. If needed, it is possible to set up an individual Japanese language program.																																
Cultural Activities	<p>Cultural Tour</p> <p>There is a bus tour for international students to visit main sightseeing spots in Japan once a year. Also parties for international students are held twice a year.</p>																																
Any special attention to Religious Practice																																	
facilities (Library etc)	Library, Prayer's room, Gym, Cafeteria, Study support center, Co-op store etc																																
Please state other particular supporting service you are endeavoring, if any.																																	

16. Message to Prospective International Students	
Message from University	<p>Unprecedented new wind begins to blow the world now. The fetal movement to the new times begins surely. We think it is very important to study in Japan at this moment. Ashikaga Institute of Technology won "2016 outstanding schools for foreign students award" last year. This prize proved that our university is suitable to study abroad. We promise to support your studying abroad life well. And I welcome your entrance to school heartily.</p> <p>Ashikaga Institute of Technology International Student Services</p>
Voice of International Students	<p>Ashikaga Institute of Technology, A.I.T presents a unique environment for multiracial coexistence and offers in depth training. The combined efforts of able Administration, dedicated Professors and the Support Staff that clinically execute their duties harmoniously, produce world class graduates in their respective professional careers.</p> <p>The proximity of A.I.T to Tokyo City provides easy access for International Students to both Haneda and Narita International Airports, and even to the nearby Ibaraki Airport, making it possible for connections to and from their destinations and to visit their embassies and Tokyo City.</p> <p>With a record of being ranked as the best in Japan for being the most preferred university by International Students, A.I.T creates programs that bring together all the International students through the International Students Support Office (ISSO). A.I.T therefore remains an epitome of knowledge for many an International Student seeking to quench his or her thirst in higher education in Japan.</p> <p>John Ochieng Anyango – Final Year Graduate Student (Renewable Energy Engineering) Kenya (Africa)</p>