Sakarya University Online Academic Systems

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Abstract: Nowadays, everything is changed; every person and system keeps pace with the innovation. Starting from here, with the innovation and development of technologies this study aims to explain online systems. Moreover examples of online academic systems are shown. These systems belong to Sakarya University and now every system is alive. These systems facilitate the students and staffs lives with providing opportunities to manage and use online academic systems easily and affectively.

Keywords: Online Academic Systems, Performance System

Introduction
Communication technologies have developed very fast. This development has affect education system. For example, performance system has changed with internet. Academicians can see their performance system on internet.

Performance systems are important for academicians and staff in universities. These help for facilitating the life in order to manage all activities in universities. Thus this increases the performance of academicians and staff in their duty. With the innovation and development of technologies, performance systems are electronic and online now.

Inside of the innovation and rapidly developed technology, a complex workflow is included. Performance system is reducing the workload of academicians and staff. Performance systems to be online with the developing technology are another factor in making our lives easier. Furthermore these systems simplify maintenance, processes, choices, implementation and delivery. Besides these, performance systems strengthen communication and computer infrastructure, knowledge base, facilitate knowledge management and increase usability (Maughan, 2005).

Traditional systems cannot sufficiently prepare academicians and staff for today’s complex workplace. Thus new and more effectively systems are needed. With this need, in order to achieve a successful performance, and to increase productivity information technologies are used (Lee and Lui, 2006; Gottfredson and Mosher, 2010).

Figure 1. Sakarya University’s Web Site Home Page
Thanks to its strong communications infrastructure and knowledge base, Sakarya University aims to provide information technology services to students and staff. Sakarya University has different information technology systems for managing and increasing the performance. These systems are:

- Sakarya University Academic Information System (Sakarya Üniversitesi Akademik Bilgi Sistemi-SABİS)
- Educational Information System (Eğitim Öğretim Bilgi Sistemi-EBS)
- Strategic Management Information System (Stratejik Yönetim Bilgi Sistemi-SYBS)
- Sakarya University Campus Automation Web Information System (CAWİS)

**Sakarya University Academic Information System - SABİS**

Sakarya University Academic Information System (Sakarya Üniversitesi Akademik Bilgi Sistemi-SABİS) is a new system and its web site is http://www.sabis.sakarya.edu.tr/. In this system, it is aimed to manage the academic activities for academicians. Moreover for guest users SABİS offer the chance to look at the course programs, contents and teaching staff.

**Figure 2. Sakarya University Academic Information System - SABİS**

With SABİS, it is accessed to open course materials, the Sakarya University Academic Evaluation and Quality Improvement Committee (SAkarya Üniversitesi Akademik DEğerlendirme ve Kalite Geliştirme Kurulu-SAÜDEK) decisions, academic activities, consultancy services, personal information services, student information services, website management, performance analyses, Sakarya University publications, thesis, projects, locations, laboratories, course and exam programs, graduates system, agendas and decisions, academic documents tracking system. On the other hand SABİS permit the university staff access their mail from this site.
In SABİS from the part of the website management, there is access and management panel for web sites which is haven by each university staff, each academic and administrative unit on behalf of institutional identity.
Educational Information System - EIS

The mission of Sakarya University is to maintain a contemporary academic tradition that enhances and produces information and technology at universal standards and to be keen on research, to be participative, sharing and innovative and appreciative of aesthetic values. For this mission, Sakarya University founded different systems like (Educational Information System).

Bologna Process urges all EU higher education institutions to evaluate competencies of their educational programs and to maintain a common perception of quality. Through EIS (Educational Information System), Sakarya University aims at describing its curricular activities within a constantly evolving and transparent framework. What makes EIS a remarkable software is its integrity and compatibility with Sakarya University's other information systems that are currently operating.

EIS includes documents regarding university's academic program competencies and objectives, lesson plans, relations between courses and program competencies, course outcome, evaluation criteria, documents for teaching staff to share, questionnaires evaluating educational processes, in-service training documents for the initiative of updating educational programs that commenced in December 27, 2007. EIS contains 9,223 different described courses that are still being processed.

Figure 5. Sakarya University Educational Information System
Degree Programmes:

**Doctorate Degree (Third Cycle Programmes)**

- Institute of Natural Sciences
  - Mechanical Engineering
  - Civil Engineering
  - Industrial Engineering
  - Electrical and Electronic Engineering
  - Metallurgical and Materials Engineering
  - Computer and Information Engineering
  - Environmental Engineering
  - Mathematics
  - Chemistry
  - Physics
  - Educational and Computer Education
  - Machine Education
  - Metall Education
  - Geophysics Engineering
  - Biology

- Institute of Educational Sciences
  - Physical Education and Sports
  - Instructional Technology and Computer Education
  - Educational Science
  - Science Education
  - Turkish Language Education

**Figure 6.** Sakarya University Doctorate Degree (Third Cycle Programmes)

**Master’s Degree (Second Cycle Programmes)**

- Institute of Natural Sciences
  - Mechanical Engineering
  - Civil Engineering
  - Industrial Engineering
  - Electrical and Electronic Engineering
  - Metallurgical and Materials Engineering
  - Computer and Information Engineering
  - Environmental Engineering
  - Mathematics
  - Chemistry
  - Physics
  - Educational and Computer Education
  - Machine Education
  - Metall Education
  - Geophysics Engineering
  - Biology
  - Food Engineering
  - Information Systems

- Institute of Educational Sciences
  - Educational Science
  - Physical Education and Sports
  - Instructional Technology and Computer Education
  - Educational Science
  - Science Education
  - Primary Education
  - Primary Education
  - Turkish Language Education
  - Higher Education
  - Lifelong Learning
  - History Education
  - Mathematics Education
  - English Language Teaching

- Institute of Social Sciences
  - Economics
  - Public Administration
  - Business Management
  - Labour Economics and Industrial Relations
  - Public Finance
  - International Relations
  - Basic Islamic Sciences
  - History of Islam and Islamic Arts
  - Philosophy and Theological Sciences
  - Turkish Language and Literature
  - Sociology
  - German Language and Literature
  - Philosophy
  - Tourism Management
  - Interpretation and Translation

**Figure 7.** Sakarya University Master's Degree (Second Cycle Programmes)
Bachelor’s Degree (First Cycle Programmes)

- Faculty of Engineering
  - Electrical and Electronics Engineering
  - Industrial Engineering
  - Civil Engineering
  - Mechanical Engineering
  - Metallurgical and Materials Engineering
  - Environmental Engineering
  - Geophysics Engineering
  - Food Engineering

- Faculty of Economics and Administrative Sciences
  - Economics
  - Public Administration Relations
  - Labour Economics and Industrial Relations
  - International Relations
  - Public Finance

- Faculty of Technical Education
  - Electronics Teaching
  - Automotive Teaching
  - Nodal Teaching
  - Construction Teaching
  - Computer Teaching

- Faculty of Fine Arts
  - Carpet-Kilim
  - Tiles Design
  - Illumination
  - Painting
  - Ceramics and Glass
  - Visual Arts
  - Calligraphy
  - Calligraphy

- School of Physical Education and Sports
  - Physical Education and Sports
  - Recreation
  - Sports Management
  - Education of Coaching

- Faculty of Computer and Informatics
  - Information System Engineering
  - Computer Engineering

- Faculty of Law
  - Law

- Faculty of Communication

- Faculty of Science and Letters
  - Mathematics
  - Physics
  - Chemistry
  - Turkish Language and Literature
  - German Language and Literature
  - Sociology
  - History
  - Philosophy
  - Translation Studies
  - Geography
  - Biology
  - Social Work
  - History of Art

- Faculty of Theology
  - Theology
  - Religion and Ethics Education

- Faculty of Education
  - Classroom Education
  - Science Education
  - Early Childhood Education
  - Social Studies Education
  - Turkish Teaching Education
  - Instructional Technology and Computer Education
  - Physical Education and Sports
  - Psychological Counselling and Guidance
  - Mentally Handicapped Education
  - Mathematics Education
  - Religion and Ethics Education
  - English Education

- Faculty of Technology
  - Electrical and Electronics Engineering
  - Civil Engineering
  - Mechanical Engineering
  - Metallurgical and Materials Engineering
  - Computer Engineering
  - Mechatronic Engineering

- School of Health
  - Nursing
  - Midwifery

- Faculty of Management
  - Management
  - Tourism Management
  - Human Resources Management
  - Information (Istanbul-Black Sea)

- The State Conservatory
  - Basic Sciences
  - Turkish Music
  - Turkish Folk Dance
  - Music Technology

Figure 8. Sakarya University Bachelor's Degree (First Cycle Programmes)
Associate's Degree (Short Cycle Programmes)

- Vocational School of Sakarya
  - Information Management
  - Computer Technologies and Programming
  - Business Management
  - Mechatronics
  - Industrial Electronics
  - Automotive
  - Construction
  - Machine Drawing and Construction
  - Business Management
  - Machine
  - Ceramics
  - Accounting
  - Industrial Moulding
  - Environmental Pollution and Control
  - Natural Gas Heating and Installation
  - Computer Technologies and Programming
  - Industrial Electronics
  - Mechatronics
  - Office Administration and Secretary
  - Public Relations
  - Metallurgy and Materials
  - Logistics
  - Media and Press
  - Business Management
  - Landscape and Gardening
  - Natural Gas Heating and Installation
  - Foreign Trade
  - Accounting
  - Furniture Decoration
  - Machine
  - Air Conditioning and Refrigeration

- Vocational School of Akyazi
  - Horticulture
  - Accounting
  - Landscape and Gardening
  - Public Relations
  - Banking
  - Foreign Trade
  - Assurance
  - Air Conditioning and Refrigeration
  - Customs Management

- Vocational School of Sapanca
  - Information Management
  - Computer Technologies and Programming
  - Business Management
  - Mechatronics
  - Industrial Electronics

- Vocational School of Ali Fuat Cebesoy
  - Business Management
  - Accounting
  - Finance
  - Public Relations
  - Foreign Trade

- Vocational School of Health Service
  - Medical Laboratory
  - Child Development
  - Elder Care Services
  - Optician
  - Physiotherapy
  - Nursing
  - Tourism and Travel Management

- Vocational School of Hendek
  - Computer Technologies and Programming
  - Electric
  - Construction
  - Business Management
  - Accounting
  - Machine
  - Machine Drawing and Construction
  - Industrial Electronics
  - Marketing

- Vocational School of Geyve
  - Textile
  - Accounting
  - Business Management
  - Foreign Trade
  - Computer Technologies and Programming
  - Landscape and Gardening
  - Estate and Estate Management
  - Banking
  - Office Administration and Secretary
  - Restoration and Conservation

- Vocational School of Karasuyu
  - Computer Technologies and Programming
  - Accounting
  - Medicine
  - Hosting

- Vocational School of Pamukkale
  - Food Technology
  - Dairy and Dairy Products
  - Marketing
  - Foreign Trade
  - Fruit and Vegetable Processing
  - Commerce and Management
  - Landscape and Gardening
  - Laboratory Technology
  - Food Quality Control Analysis

- Vocational School of Feziller
  - Business Management
  - Accounting
  - Textile
  - Fashion Design
  - Clothing Production Technology

- Vocational School of Kaynarca
  - Business Management
  - Accounting
  - Computer Technologies and Programming
  - Finance

- Vocational School of Ayfuya
  - Automotive
  - Auto Shant and Sally
  - Rail Systems/Technologies
  - Map and Survey
  - Welding Technology

Figure 9. Sakarya University Associate's Degree (Short Cycle Programmes)

Any part of these programs lesson plan, curriculum, course content, documents can be accessed from EIS.

For example, if Bachelor's Degree (First Cycle Programmes), Faculty of Education, Department of Instructional Technology and Computer Education is chosen, menus of Goals & Objectives, Program Learning Outcomes, Teaching & Learning Methods, Course Struct.&ECTS Credits, Course&Program L. Outcomes, Course Categories, Level of Qualification, Admission Requirements, Occupational Profiles, Graduation Requirements, Assessment and Grading, Prog. Director & ECTS Coord., Polls Applied to Students are seen.
Goals & Objectives

Program Learning Outcomes

Program learning outcomes may be displayed with classified, list or cycle/field/program format.

Figure 10. Goals & Objectives

Figure 11. Program Learning Outcomes Classified Display Format
Teaching & Learning Methods

Teaching and learning methods and strategies are chosen to improve the student’s skills such as self learning, life-long learning, observation, teaching others, presentation, critical thinking, teamworking and IT.

Also, to achieve a better learning with students having different learning styles, the program is supported by convenient methodologies.
<table>
<thead>
<tr>
<th>Teaching and Learning Methods</th>
<th>Major Learning Activities</th>
<th>Tools</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>Listening and interpretation</td>
<td>Classware, multimedia, data projector, computer, overhead projector</td>
</tr>
<tr>
<td>Lecture with Discussion</td>
<td>Listening and interpretation, Observation/manipulation situations, critical thinking, question posing</td>
<td>Classware, multimedia, data projector, computer, overhead projector</td>
</tr>
<tr>
<td>Tutorial / Structured Exercise</td>
<td>Specific predetermined skill</td>
<td></td>
</tr>
<tr>
<td>Role Play</td>
<td>Specific predetermined skill</td>
<td>Classware, specific hardware</td>
</tr>
<tr>
<td>Problem Solving</td>
<td>Specific predetermined skill</td>
<td></td>
</tr>
<tr>
<td>Case Study</td>
<td>Specific predetermined skill</td>
<td></td>
</tr>
<tr>
<td>Brainstorming</td>
<td>Observation/manipulation situations, critical thinking, question posing, creative teamwork</td>
<td></td>
</tr>
<tr>
<td>Small Group Discussion</td>
<td>Listening and interpretation, Observation/manipulation situations, critical thinking, question posing</td>
<td>Classware, Multimedia, data projector, computer, overhead projector</td>
</tr>
<tr>
<td>Demonstration</td>
<td>Observation/manipulation situations</td>
<td>Tools that allow observation followed by virtual application</td>
</tr>
<tr>
<td>Simulation</td>
<td>Observation/manipulation situations, IT Skills</td>
<td>Tools that allow observation followed by virtual application</td>
</tr>
<tr>
<td>Seminars</td>
<td>Research skills, writing, reading, IT Skills, Listening and interpretation, Observation/manipulation situations, organizational skills</td>
<td>Classware, multimedia, data projector, computer, overhead projector, specific hardware</td>
</tr>
<tr>
<td>Group Work</td>
<td>Research skills, writing, reading, IT Skills, Critical thinking, question posing, organizational skills, teamwork</td>
<td>Web directories, database, e-mail, online discussion, web-based discussion forums</td>
</tr>
<tr>
<td>Fieldwork</td>
<td>Observation/manipulation situations, Research skills, writing, reading</td>
<td></td>
</tr>
<tr>
<td>Laboratory</td>
<td>Observation/manipulation situations, IT Skills, organizational skills, teamwork</td>
<td>Specific hardware</td>
</tr>
<tr>
<td>Homework</td>
<td>Research skills, writing, reading, IT Skills</td>
<td>Web directories, database, e-mail</td>
</tr>
<tr>
<td>Reflection</td>
<td>Research skills, manipulation situations, question posing, interpretation, presentation</td>
<td></td>
</tr>
<tr>
<td>Workshops/Surveys</td>
<td>Research skills, writing, reading</td>
<td></td>
</tr>
<tr>
<td>Panel of Experts</td>
<td>Listening and interpretation, Observation/manipulation situations</td>
<td>Classware, multimedia, data projector, computer, overhead projector, specific hardware</td>
</tr>
<tr>
<td>Guest Speaker</td>
<td>Listening and interpretation, Observation/manipulation situations</td>
<td>Classware, multimedia, data projector, computer, overhead projector, specific hardware</td>
</tr>
<tr>
<td>Student Club Activities / Projects</td>
<td>Observation/manipulation situations, critical thinking, question posing, creative teamwork, Research skills, organizational skills, writing, reading, specific predetermined skill</td>
<td></td>
</tr>
</tbody>
</table>

**Figure 14.** Teaching & Learning Methods
**Course Structure & ECTS Credits**

To see the course details (such as objectives, learning outcomes, content, assessment and ECTS workload), click the relevant Course Title given in the table below.

### 1. Semester Course Plan

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>C/E</th>
<th>LiP-Hour</th>
<th>Credits</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCL 101</td>
<td>ENGLISH</td>
<td>Compulsory</td>
<td>4+0</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>ETE 107</td>
<td>COMMUNICATION</td>
<td>Compulsory</td>
<td>2+0</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>ETE 101</td>
<td>COMMUNICATION TECHNOLOGIES IN EDUCATION</td>
<td>Compulsory</td>
<td>4+0</td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td>EEB 101</td>
<td>INTRODUCTION TO EDUCATION SCIENCE</td>
<td>Compulsory</td>
<td>3+0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>ETE 103</td>
<td>Mathematics and Logic in Computer Programming</td>
<td>Compulsory</td>
<td>3+0</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>ETE 105</td>
<td>NEW LITERACIES</td>
<td>Compulsory</td>
<td>3+0</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

Total ECTS credits: 30

### 2. Semester Course Plan

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Title</th>
<th>C/E</th>
<th>LiP-Hour</th>
<th>Credits</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>TUR 101</td>
<td>TURKISH LANGUAGE</td>
<td>Compulsory</td>
<td>4+0</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>ETE 102</td>
<td>COMPUTER ASSISTED INSTRUCTION</td>
<td>Compulsory</td>
<td>3+0</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>EEB 101</td>
<td>EDUCATIONAL PSYCHOLOGY</td>
<td>Compulsory</td>
<td>3+0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>EEB 106</td>
<td>History of Technology and Science</td>
<td>Compulsory</td>
<td>3+0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>EEB 108</td>
<td>TEACHING PRINCIPLE AND METHODS</td>
<td>Compulsory</td>
<td>3+0</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>ETE 104</td>
<td>VISUAL DESIGN</td>
<td>Compulsory</td>
<td>3+0</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

Total ECTS credits: 30

**Figure 15. Course Structure & ECTS Credits**

**Course & Program Learning Outcomes**

Course & Program L. Outcomes may be displayed with numerical relation level, verbal relation level or the presence of relationship format.

**Figure 16. Course & Program Learning Outcomes Relation Level (Numerical) Display Format**
Course Categories

Course categories are varied as four parts: Supplementary Courses, Basic Occupational Courses, Expertise/Field Courses, Courses on Communication and Management Skills.

<table>
<thead>
<tr>
<th>Course Categories</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplementary Courses</td>
<td></td>
</tr>
<tr>
<td>Current Educational Problems</td>
<td>4</td>
</tr>
<tr>
<td>ENGLISH</td>
<td>4</td>
</tr>
<tr>
<td>ERGONOMY AND HEALTH IN INFORMATICS</td>
<td>4</td>
</tr>
<tr>
<td>HISTORY OF TURKISH EDUCATION</td>
<td>4</td>
</tr>
<tr>
<td>History of Technology and Science</td>
<td>4</td>
</tr>
<tr>
<td>Philosophy of Education</td>
<td>4</td>
</tr>
<tr>
<td>PUBLISHING DESIGN</td>
<td>4</td>
</tr>
<tr>
<td>RESEARCH METHODS</td>
<td>5</td>
</tr>
<tr>
<td>SOCIAL SERVICE APPLICATIONS</td>
<td>4</td>
</tr>
<tr>
<td>STATISTICAL WITH COMPUTER</td>
<td>6</td>
</tr>
<tr>
<td>Total</td>
<td>43</td>
</tr>
</tbody>
</table>

Basic Occupational Courses

<table>
<thead>
<tr>
<th>Course Categories</th>
<th>ECTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICATION OF TEACHING AT SCHOOL</td>
<td>14</td>
</tr>
<tr>
<td>CLASSROOM MANAGEMENT</td>
<td>5</td>
</tr>
<tr>
<td>GUIDANCE</td>
<td>5</td>
</tr>
<tr>
<td>INTRODUCTION TO EDUCATION SCIENCE</td>
<td>5</td>
</tr>
</tbody>
</table>
**Level of Qualification**

This is a first cycle degree program in the science of Computer and Instruction Technologies Education (240 ECTS).

You will be awarded, on successful completion of the programme and gain competencies, a degree of Bachelor in Computer and Instruction Technologies Education.

**Admission Requirements**

Students must comply with the legal and academic requirements to access the studies in The Sakarya University according to the process established by the ÖSYM (Higher Education Council Student Selection and Placement Centre) regulations. Students who have started studies in other universities within or outside of the country may apply for their recognition. The recognition record is unique for each student and therefore the procedure is carried out accordingly before the start of each academic year. More information about general admission requirements can be found in the catalogue of Information on the Institution.

Under an established exchanges program or one approved by the University, exchange students from abroad may be accepted for studies on the courses taught in English. Or, if they are confident in Turkish, they may then enrol any courses, running in Turkish, shown on the ?Course Structure? diagram.

**Occupational Profiles**

Upon a successful completion of the programme, student may continue with master and doctoral studies in the same or similar scientific areas, which may accept students from the science of Computer and Instruction Technologies Education.

**Graduation Requirements**

There is no final examination or examination period at the end of an academic year, or at the end of the study programme. There is, however, a final examination and examination periods, i.e., normally takes two weeks and starts immediately after at the end of each semester. Student is expected to have a successful completion of internship (60 working days) in industry before graduation. Internship is not credited in the programme though it is prerequisite for the graduation. However, the competences gained and workload needed with internship are ensured with the relevant courses’ content, practice and workload in the programme. In addition to that student is required to complete a degree project and final year dissertation, (taken normally in 7th or 8th semester), which follows an oral presentation.

**Assessment and Grading**

Assessment and grading are specified in each course. When see the Course Structure for details, they are seen.

**Prog. Director & ECTS Coord.**

In this section programme director’s and ECTS & Erasmus coordinator’s information (mail address, phone number and fax number) are accessed.

**Polls Applied to Students**

Polls about “The Overall Evaluation of the Course”, “The Evaluation of the Instructor”, “Level of the Contribution Of Course Outcomes to Programme Competencies”, “Workload Determination – ECTS” applied to students are seen from this section.
Strategic Management Information System - SYBS

At Sakarya University, in order to provide the spread and participation of the Strategic Management activities to units, in 2009 Strategic Management Information System has been developed. Strategic Management Information System consists 10 main themes (Strategies, Objectives, Sub-Objectives and Performance Indicators, Activity-Projects) in accordance with the model of YÖDEK. Performance of the units and the university is monitored by Red Area Charts produced by this system. By units, performances are evaluated with the performance reports to the Senate at the end of the year.
Figure 21. Sakarya University Strategic Management Information System.

Figure 22. Red Area Chart.
Campus Automation Web Information System - CAWIS

Campus Automation Web Information System (CAWIS) incorporates nine different systems. These have various tasks and contain different processes for several performance.

- **WebGate** - [http://www.gate.sakarya.edu.tr]
- **WebMail** - [http://www.mail.sakarya.edu.tr]
- **WebObis** - [http://www.obis.sakarya.edu.tr]
- **WebAbis** - [http://www.abis.sakarya.edu.tr]
- **WebPbis** - [http://www.pbis.sakarya.edu.tr]
- **WebMenü** - [http://www.menu.sakarya.edu.tr]
- **WebRehber** - [http://www.rehber.sakarya.edu.tr]
- **WebForm** - [http://www.form.sakarya.edu.tr]
- **WebAnket** - [http://www.anket.sakarya.edu.tr]

**WebGate** - [http://www.gate.sakarya.edu.tr]

WebGate is Campus Automation Web Information System (CAWIS)’s gate and interface to user processes.

![WebGate](image-url)

**Figure 23. WebGate**

**WebMail** - [http://www.mail.sakarya.edu.tr]

WebMail is CAWIS e-mail interface.
On September 2012, webmail address was changed because Sakarya University made a deal with Google Mail - Gmail. Now academicians and staff access their mail from [http://www.posta.sakarya.edu.tr](http://www.posta.sakarya.edu.tr) address or SABIS page.
WebObis - [ http://www.obis.sakarya.edu.tr ]

WebObis is Student Information System and processes of course selection, viewing scores and transcript are done in this system.
Figure 28. WebObis Information Page

Figure 29. WebObis Course List Page
WebAbis - [http://www.abis.sakarya.edu.tr]

WebAbis is Academic Information System. From there course selection, giving scores, sharing documents and viewing students lists processes are done.
Figure 32. WebAbis Information Page

Figure 33. WebAbis Course Selection
Figure 34. WebAbis Scores List

Figure 35. WebAbis Course Scores Entrance
WebPbis - [http://www.pbis.sakarya.edu.tr]
WebPbis is Personal Information System and viewing monthly salary envelope and reports of embezzlement are accessed from this system.
**Figure 38. WebPbis Information Page**

**Figure 39. WebPbis Monthly Salary Envelope**
WebMenü - [ http://www.menu.sakarya.edu.tr ]
WebMenü is Cafeteria Automation System and this system display monthly meal menu day by day.

WebRehber - [ http://www.rehber.sakarya.edu.tr ]
WebRehber is Web-Based Phone and E-mail Directory System.
WebForm - [ http://www.form.sakarya.edu.tr ]
WebForm is Web-Based Form Submission System and it is submitted desires, wishes and complaints.

WebAnket - [ http://www.anket.sakarya.edu.tr/ ]
WebAnket is Web-Based Survey Application System.