



ADIYAMAN UNIVERSITY
BESNİ ALI ERDEMOĞLU
VOCATIONAL SCHOOL

DEPARTMENT OF COMPUTER TECHNOLOGIES
COMPUTER PROGRAMMING PROGRAM

INTRODUCTORY BOOKLET

2024-2025

CONTENTS

- Our department
- Mission vision
- Importance of Computer Technologies Departments
- Why Department of Computer Technologies?
- Job Opportunities for Our Graduates
- Our Highest and Lowest Placement Scores According to Central Placement
- Our Course Catalog
- Our activities

Our Department

Our department was established in 1997, affiliated with Gaziantep University Besni Vocational School, and started accepting students in the 1998-1999 academic year. With the opening of Adiyaman University in 2006, the college transferred to Adiyaman University. Our department continues to serve within Adiyaman University Besni Ali Erdemođlu Vocational School.

Head of Department

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Deputy Head of Department

Lecturer Ersan YAZAN

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Mission & Vision Mission

Mission

As the Computer Programming Program of the Department of Computer Technologies, we aim to raise qualified individuals who develop creative and analytical thinking skills, have ethical values, and meet the needs of the sector by using contemporary information and technologies. We aim to contribute to society by producing innovative solutions in the field of information technologies through our education and research

Vision

As the Computer Programming Department, we aim to be a nationally and internationally recognized, leading and preferred educational institution in the field of information technologies. With the quality education we offer to our students, we want to ensure that our graduates reach leading positions in the sector and continue our education and research activities with the understanding of continuous development.

The Importance of the Department of Computer Technologies Computer Programming Program

Computer Programming Program is of great importance in today's rapidly digitalizing world. This program aims to provide students with in-depth knowledge and skills in areas such as software development, data analysis, network and system, cyber security, artificial intelligence and information technology management.

Training a Qualified Workforce: The Computer Programming Program trains innovative and solution-oriented professionals who can keep up with rapid changes in the sector. Graduates have the opportunity to pursue careers in various fields such as computer, software, artificial intelligence engineering, data science and network management.

Future Preparation: The program ensures that students are prepared for future technological developments. With constantly updated curricula and hands-on training, students are informed about the latest trends and technologies in the industry when they graduate.

Why Computer Technologies Department Computer Programming Program?

1. Wide Career Opportunities: Computer Programming Program offers its graduates wide career opportunities in various fields such as software development, data analysis, cyber security, network and system management and artificial intelligence. This program enables students to master the most up-to-date technologies in the industry.

2. Applied Training: Our program is supported by practical training as well as theoretical knowledge. Students gain real-world experience through laboratory studies, project-based learning and internship opportunities.

3. Innovative and Current Curriculum: Since computer technologies are a rapidly developing field, our curriculum is constantly updated. Students learn about the latest programming languages, tools and technologies

4. Research and Development Opportunities: The Computer Programming Program offers students the opportunity to take part in research and development projects. In this way, students have the chance to produce innovative solutions and contribute to technological developments.

Job Opportunities for Our Graduates

Our Computer Programming Program graduates have a wide range of job opportunities. Students who graduate from our program have the opportunity to pursue a career in various positions in the information technologies sector. These positions are listed below:

1. Software Developer: Our graduates can work as software developers in software development companies or Information Technology (IT) departments of large companies. They can specialize in developing web, mobile and desktop applications.

2. Data Analyst: Our graduates can work as data analysts in various organizations. In this position, they help businesses make strategic decisions by analyzing data.

3. System and Network Administrator: Our graduates who have knowledge of computer networks and system management can work as system and network administrators. They manage and secure the IT infrastructure of companies.

4. Cyber Security Expert: Our graduates can work as cyber security experts in organizations. They are

responsible for protecting companies' digital assets and taking precautions against cyber threats.

5. Project Manager: Our graduates who improve their management skills in information technology projects can work as project managers.

6. Academic Career: Our graduates can be placed in undergraduate programs such as Software, Computer, Forensic and Artificial Intelligence Engineering, and Teacher of Technologies with the DGS exam.

7. Artificial Intelligence Expert: Our graduates can work as artificial intelligence experts in companies. They can specialize in this field

8. Entrepreneurship: Our graduates who want to start their own business can develop innovative projects by establishing technology-based start-ups. By taking part in the entrepreneurship ecosystem, they can realize their own business ideas. They can provide consultancy services in companies that provide consultancy services or independently. They provide consultancy to companies on IT strategies, software solutions and cyber security.

Our Highest and Lowest Placement Scores According to Central Placement

According to the YKS placement results announced by the Measurement, Selection and Placement Center in 2023, students were placed in our department with the lowest TYT score of 260.32699 points and 1,442,027 rankings. All 40 student quotas in total have been filled. 80 students continue their education in our department. You can view detailed information on YÖK's web page with the link address <https://yokatlas.yok.gov.tr/onlisans.php?y=100290116>.

Our Course Structure

| 1.Semester Course Plan | | | | |
|------------------------|--|-------|---------------------|-----------|
| Course Code | Course Name | T+A+L | Compulsory/Elective | ECTS |
| AlIT 101 | ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REV.-I | 2+0+0 | Compulsory | 2 |
| BBP 101 | MATHEMATICS | 2+1+0 | Compulsory | 6 |
| BBP 105 | GRAPHICS AND ANIMATION - I | 2+1+0 | Compulsory | 4 |
| BBP 111 | ALGORITHM AND PROGRAMMING | 3+1+0 | Compulsory | 5 |
| TD 101 | TURKISH LANGUAGE-I | 2+0+0 | Compulsory | 2 |
| YD 101 | FOREIGN LANGUAGE (ENGLISH)-I | 2+0+0 | Compulsory | 3 |
| SEÇ I | Elective I | 2+1+0 | Elective | 8 |
| Total ECTS | | | | 30 |

| Course Groups | | | | |
|---------------|--|-------|----------|---|
| BBP 121 | SOFTWARE INSTALLATION AND MANAGEMENT | 2+1+0 | Elective | 4 |
| BBP 123 | OFFICE SOFTWARES | 3+1+0 | Elective | 4 |
| BBP 125 | BASC ELECTRIC AND ELECTRONIC | 3+1+0 | Elective | 4 |
| BBP 127 | CAREER DEVELOPMENT PLANNING AND MANAGEMENT | 2+1+0 | Elective | 4 |

| 2.Semester Course Plan | | | | |
|------------------------|--|-------|---------------------|-----------|
| Course Code | Course Name | T+A+L | Compulsory/Elective | ECTS |
| AlIT 102 | Principles of Atatürk and History of Revolution II | 2+0+0 | Compulsory | 2 |
| BBP 102 | PROFESSIONAL MATHEMATIC | 3+0+0 | Compulsory | 4 |
| BBP 104 | FUNDAMENTALS OF WEB DESIGN | 2+1+0 | Compulsory | 3 |
| BBP 106 | DATABASE-I | 3+1+0 | Compulsory | 4 |
| BBP 108 | VISUAL PROGRAMMING - I | 3+1+0 | Compulsory | 4 |
| TD 102 | Turkish Language II | 2+0+0 | Compulsory | 2 |
| YD 102 | Foreign Language II | 2+0+0 | Compulsory | 3 |
| SEÇ.I | Elective I | 2+1+0 | Elective | 8 |
| Total ECTS | | | | 30 |

| Course Groups | | | | |
|---------------|--------------------------------|-------|----------|---|
| BBP 122 | COMPUTER HARDWARE | 2+1+0 | Elective | 4 |
| BBP 126 | ETHICS AND PROFESSIONAL ETHICS | 1+1+0 | Elective | 4 |
| BBP 130 | e-COMMERCE PROGRAMING | 3+1+0 | Elective | 4 |

| 3.Semester Course Plan | | | | |
|------------------------|-----------------------------------|-------|---------------------|-----------|
| Course Code | Course Name | T+A+L | Compulsory/Elective | ECTS |
| BBP 201 | NETWORK BASICS | 1+1+0 | Compulsory | 3 |
| BBP 203 | OBJECT ORIANATED PROGRAMMING | 3+1+0 | Compulsory | 4 |
| BBP 205 | INTERNET PROGRAMMING | 3+1+0 | Compulsory | 4 |
| BBP 207 | DATABASE-II | 3+1+0 | Compulsory | 5 |
| BBP 209 | VISUAL PROGRAMMING II | 3+1+0 | Compulsory | 4 |
| BBP 211 | PROFESSIONAL FOREIGN LANGUAGE - I | 1+1+0 | Compulsory | 2 |
| ST 201 | INTERNSHIP I | 1+1+0 | Compulsory | 4 |
| SEÇ-I | Elective I | 1+1+0 | Elective | 4 |
| Total ECTS | | | | 30 |

| Course Groups | | | | |
|---------------|-----------------------------------|-------|----------|---|
| BBP 221 | OPEN SOURCE CODE OPERATING SYSTEM | 1+1+0 | Elective | 2 |
| BBP 225 | Software Architectures | 1+1+0 | Elective | 2 |
| BBP 227 | KEYBOARD TECHNIQUES | 1+1+0 | Elective | 2 |

| 4.Semester Course Plan | | | | |
|------------------------|-------------|-------|---------------------|------|
| Course Code | Course Name | T+A+L | Compulsory/Elective | ECTS |

| | | | | |
|---------|--|-------|------------|---|
| BBP 202 | SYSTEM ANALYSIS AND DESIGN | 3+1+0 | Compulsory | 5 |
| BBP 204 | SERVER OPERATING SYSTEM | 3+1+0 | Compulsory | 5 |
| BBP 206 | VISUAL PROGRAMMING-III | 3+1+0 | Compulsory | 4 |
| BBP 208 | PROFESSIONAL FOREIGN LANGUAGE (ENGLISH) - II | 1+1+0 | Compulsory | 2 |
| ST 202 | INTERNSHIP II | 1+1+0 | Compulsory | 4 |
| SEÇ_I | Elective I | 2+1+0 | Elective | 8 |
| SKS | ELECTIVES | 2+1+0 | Elective | 4 |

Total ECTS 32

Course Groups

| | | | | |
|---------|--|-------|----------|---|
| BBP121 | SOFTWARE INSTALLATION AND MANAGEMENT | 2+1+0 | Elective | 4 |
| BBP 122 | COMPUTER HARDWARE | 2+1+0 | Elective | 4 |
| BBP 123 | OFFICE SOFTWARES | 3+1+0 | Elective | 4 |
| BBP 125 | BASC ELECTRIC AND ELECTRONIC | 3+1+0 | Elective | 4 |
| BBP 126 | ETHICS AND PROFESSIONAL ETHICS | 1+1+0 | Elective | 4 |
| BBP 127 | CAREER DEVELOPMENT PLANNING AND MANAGEMENT | 2+1+0 | Elective | 4 |
| BBP 130 | e-COMMERCE PROGRAMING | 3+1+0 | Elective | 4 |
| BBP 221 | OPEN SOURCE CODE OPERATING SYSTEM | 1+1+0 | Elective | 2 |
| BBP 222 | QUALITY ASSURANCE AND STANDARTS | 3+0+0 | Elective | 4 |
| BBP 225 | Software Architectures | 1+1+0 | Elective | 2 |
| BBP 226 | RESEARCH METHOD AND TECHNIQUES | 2+1+0 | Elective | 4 |
| BBP 227 | KEYBOARD TECHNIQUES | 1+1+0 | Elective | 2 |
| BBP 228 | MOBILE APPLICATION DEVELOPMENT | 3+1+0 | Elective | 4 |
| BBP 230 | ENTREPRENEURSHIP | 3+1+0 | Elective | 4 |
| SKS 232 | PHYSICAL EDUCATION | 1+1+0 | Elective | 2 |
| SKS 234 | MUSIC | 1+1+0 | Elective | 2 |
| SKS 236 | PICTURE BUSINESS | 1+1+0 | Elective | 2 |
| SKS 238 | FOLK DANCES | 1+1+0 | Elective | 2 |
| SKS 240 | HISTORY OF ART | 1+1+0 | Elective | 2 |
| SKS 242 | HISTORY OF SCIENCE | 1+1+0 | Elective | 2 |
| SKS 244 | TİYATRO SANATI | 1+1+0 | Elective | 2 |
| SKS 246 | SIGN LANGUAGE | 1+1+0 | Elective | 2 |
| SKS 248 | COMMUNICATION TECHNIQUES | 1+1+0 | Elective | 2 |

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Our Activities as the Information Management Program of the Department of Computer Programming

Various events are organized in our department, and conferences and course programs are organized by well-known people in the industry or experts in their fields in order to increase the qualifications of students in their field. In addition, promotional and trip activities are organized for students in order to follow sectoral developments more closely. In addition, our faculty members and staff carry out presentations and other activities on various topics for department students.

2006

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