Computer Systems Program
Distinctive Features

Distinctive Features	Details
Study System	The program follows the credit hour system, which allows for accommodating variations in students' levels and determining the appropriate academic load based on their individual capabilities.
Specialized Courses	● Microprocessors & Interfacing ● Embedded System ● Cloud Computing ● Modeling and Simulation ● Data Communications ● Internet of Things (IoT) ● Computer Vision ● Pervasive Computing
Career Paths	● Software Engineer ● Technical Support and Network Management Engineer ● Microprocessor Engineer ● Cloud Solutions Engineer ● DevOps Engineer ● Technical Consultant ● IoT Solutions Engineer ● Embedded Systems Engineer
Graduation Projects	The variety of courses in the program broadens students' perspectives, enabling them to innovate graduation project ideas that contribute to solving societal problems. Examples of implemented projects within the program include: • Automated solar-powered streetlight control system • Brain-signal-controlled wheelchair • Vehicle tracking based on GPS The program also allows students to integrate hardware with software in projects such as: • Smart home security using IoT • Facial recognition • Indoor localization based on fingerprinting using deep learning approaches • Autonomous vehicle projects • Age and gender estimation from facial images
Student Enrollment in the Program	Enrollment in the Computer Systems Program is done through internal coordination conducted at the beginning of the academic year.

	Table 1-6 shows the rising number of students in the Computer Systems Program over the last three years:
	<table><tr><td>**2021/2022**</td><td>**2022/2023**</td><td>**2023/2024**</td></tr><tr><td>78</td><td>38</td><td>140</td></tr></table>
Employment Opportunities	Graduates of the Computer Systems Program have access to diverse job opportunities in various sectors, including: ● Software companies ● Electronic game development companies ● Graphics design companies ● Artificial intelligence application companies ● Robotics and smart interface design/development companies ● Telecommunications companies