Computer system for interactive communication in distance learning, comprising a general knowledge base module connected via the Internet to instructors' personal computers, students' personal computers, a module for organizing the educational process, and a module for creating and preparing electronic instructional materials, which is connected to students' personal , and a module for organizing the educational process, which in turn is connected to instructors' personal computers and to the module for creating and preparing electronic educational materials, which is connected to instructors' personal computers, which are also connected to students' personal computers. A student screen capture unit, an instruction drawing unit, an instruction transmission unit, and a broadcast completion verification unit have been introduced. The device includes a module for organizing interaction between the instructor and the student, as well as a module for processing, storing, and transmitting educational information. The module for organizing interaction between the instructor and the student is connected to the instructors' personal computers, the students' personal computers, and the module for organizing the educational process. The module for processing, storing, and transmitting educational information is connected to the instructors' personal computers, the students' personal computers, and the module for creating and preparing electronic educational materials; the student screen capture module is connected to the teacher-student interaction module and to the student's personal computer. The instruction-drawing unit is connected to the instruction-transmission unit, which is connected to the unit for organizing teacher-student interaction and to the broadcast-completion-verification unit, which is connected to the unit for organizing teacher-student interaction.