The department "Multimedia Information Technologies and Systems" is a part of the faculty "Computer information technologies" and it has been a leader in the training of highly qualified specialists for more than 10 years:

**Specialty: 123 – Computer engineering**

**Specializations:**

- of the first level of education *(bachelor's)* on specialization "Multimedia Information Technologies and Systems";
- of the second level of education *(master)* on specialization "Multimedia Information Technologies and Systems".

http://mits-khpi.kharkov.ua
Poroshin Sergei

- Honored Worker of Education of Ukraine;
- Academician;
- Member of the Presidium of the Academy of Sciences of Applied Radioelectronics;
- Member of the Scientific and Methodological Commission of the Ministry of Education and Science on Acoustics;
- Doctor of Technical Sciences;
- Professor.

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Students study:

✓ 3D modeling, animation and rendering in 3DS MAX, AutodeskMaya;
✓ a motion design in AdobeAfterEffects CC, AdobePremiere CC, SonyVegas 13;
✓ processing methods still images and creating textures AdobePhotoshop CC, AdobeLightroom, CaptureOn;
✓ to simulate and analyze the sound field in the room in EASE, ESERA;
✓ to count the electroacoustic systems EASE SpeakerLab, JBL Speakershop;
✓ to designing the recording studios;
✓ to carry out the recording, sound processing, to create special effects in Adobe Audition, CubaseLF Studio, Ableton Live;
✓ to handle the sound for multimedia content in Adobe Audition, Cubase.

Students master:

✓ Programming language: C#, C++, Visual C++, JavaScript, Assembly;
✓ DBMS: MS SQL, MySQL, Access;
✓ CAD: AutoCAD, PCAD, SolidWorks;
✓ Mathematical packages: MatLAB, Statistica, Mathematica, PTC Mathcad.
Our graduates have the opportunity to work:

✓ a video-designer;
✓ an advertising designer;
✓ a specialist in animation;
✓ a professional in post-production;
✓ a developer of computer games;
✓ a sound engineers, a video engineers, a light artists on radio and television, in theaters and cinemas, enterprises and organizations that produce and display media content;
✓ a developers of 3D characters with the subsequent animation.
Specialized laboratories of the department

Cinematography

Measurements on sound and ultrasonic frequencies

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Photo studio

Opticians and lighting

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The department creates modern Multimedia pavilion
Practical bases

TV company «Privat TV»

Kharkiv regional Philharmonic society

Cinema "Park"

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Practical bases

Kharkov Academic musical comedy theater

Kharkiv Theater of Opera and Ballet Behalf of N. V. Lysenko

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