

INTERACTIVE MEDIA

INTERACTIVE MEDIA 1 / 3D

5530M

This exciting, hands-on course gets students creating computer graphics, 3D animation, audio, video games, and video. Beginning with the fundamentals of computers and the computer as a design tool, students will progress to master these areas. First we begin with an in-depth look at media- what sells, who the buyers are, and which careers power the visual communications industry. The graphics curriculum includes graphic design fundamentals, scanning, digital photography, and mastery of Adobe Photoshop. Digital Media's audio component includes basic physics of audio, hands-on mixing experience, mastery of looping and editing software, direct-to-disk recording, and audio for video. In our video component students will learn to shoot, edit, and manipulate high quality DV video footage using Final Cut Pro. Film, lighting, and DVD authoring are also studied. 3D animation is a growing field for the digital multimedia specialist, and we explore and create compelling content. We take an introductory look at video game creation with Unity 3D, make websites, and discuss emerging technology. In all areas of media we strive for excellence, professionalism and fun. Workstations are up-to-date and allow for high speed work in a cutting edge area. All our work will be created using industry-standard software, Adobe's Creative Suite. If you are interested in careers in video games, video production, graphic design- this could be the class for you. Our first year students earn 6 credits at Ivy Tech Community College and may take a national certification exam for Adobe Photoshop CC. Counts toward Academic Honors Diploma.

- **Recommended Grade Level: 10-11**
- **Recommended Prerequisites: College level reading comprehension (SRI > 1000)**
- **Credits: 2-Block course; 2 semesters; 4 total credits**
- **WEIGHTED COURSE (1.0)**

INTERACTIVE MEDIA 2

5232M

This dynamic course allows students to further pursue the areas of 3D, graphics, audio, and video. While continuing to work in all these areas of media, we will focus on learning 3D video games, 2D interactive experiences, and visual concepts. IM workstations are up-to-date and allow for high speed work in a cutting edge area. Advanced Photoshop work is studied and video post-production is also more in-depth with Adobe's After Effects software. Students compete in state and local competitions, create video projects for local businesses, and learn software as a class. In addition, we look deeper into Unity 3D and create a working video game. In all four areas we strive for professionalism and creativity. Students earn 3 credits at Ivy Tech Community College of Indiana and may take the national certification exam for Adobe Premiere Pro CC. Counts toward Academic Honors Diploma.

- **Recommended Grade Level: 11-12**
- **Recommended Prerequisites: Successful completion of Interactive Media 1**
- **Credits: 2-Block course; 2 semesters; 4 total credits**
- **WEIGHTED COURSE (1.0)**

