KAJAANIN
AMMATTIKORKEAKOULU
UNIVERSITY OF APPLIED SCIENCES

Game Development   **Courses offered in English**

Autumn 2016	Spring 2017	Course code	Course	ECTS	Specialization area
x		KTAD034	Introduction to 3D modelling	3	All students
x		KTWT175	Game Art Foundation	2	All students
x		KTAD042	Project Studies 2	6	All students
	x	KTPV009	ICT English 1	3	All students
	x	KTAD043	Project Studies 3	6	All students
x		KTAD031	WWW and Internet	2	All students
x		KTVP011	Game Design I	3	Game production and design competence
x		KTVP014	Game Design II	3	Game production and design competence
x		KTVP012	Level Design	3	Game production and design competence
x		KTVP013	Continuation course in Game Production	3	Game production and design competence
x		KTVP015	Basics of Game Business	3	Game production and design competence
	x	KTVP013	Continuation course in Game Business	3	Spec. Game production and design competence
	x	KTVP021	Introduction to management accounting	3	Spec. Game production and design competence
	x	KTVP022	Marketing-oriented Game Design	3	Spec. Game production and design competence
	x	KTVP023	Legal issues and IP	3	Spec. Game production and design competence
x		KTVP050	Programming C++	3	Game programming competence
x		KTVP051	Physics I	3	Game programming competence
x		KTVP052	Continuation course in programming C++	3	Game programming competence
x		KTVP043	Mathematics for Game Programmers	3	Game programming competence
x		KTVP054	Data Structures and Algorithms	3	Game programming competence
	x	KTVP060	Programming Mobile Games	3	Spec. Game programming competence
	x	KTVP061	Game Programming II	3	Spec. Game programming competence
	x	KTVP062	Artificial Intelligence in Games	3	Spec. Game programming competence
x		KTVP030	2D Animation	3	Game graphics competence
x		KTVP031	2D Background Design	3	Game graphics competence
x		KTVP032	2D Character Design	3	Game graphics competence
x		KTVP033	3D Modelling and texturing I	3	Game graphics competence
x		KTVP034	Vector graphics	3	Game graphics competence
	x	KTVP040	3D Animation	3	Specialised game graphics competence
	x	KTAD032	Basics of 2D Game Graphics	3	Spec. game graphics competence
	x	KTVP041	3D Character Modelling	3	Spec. game graphics competence
	x	KTVP042	3D Modelling and texturing II	3	Spec.game graphics competence
	x	KTVP043	3D Modelling and texturing III	3	Spec. game graphics competence

Due to timetable issues, it is recommended to choose courses only from one specialisation area. If timetable allows, it is possible to choose other courses as well. This can only be confirmed at the beginning of the semester.

Summer semester studies

Summer	Summer	Commercial Game Development Project	10	
Summer	Summer	Commercial Game Development Project	15	
Summer	Summer	Unity/UE4 Intensive Course	3	