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**ECHS 4-Year Plan**  
Associate of Applied Science in Interactive Simulation and Game Technology

**SCHOOL INFORMATION**

Independent School District: Dallas

Early College High School: Dr. Emmett J. Conrad Global Collegiate Academy

Dallas College Campus: Richland

Catalog Year: 2021 – 2022 / Class of 2025

**CAREER INFORMATION**

Career Pathway: \_\_\_\_\_ High School Plan: Gaming Technology (STEM)

Endorsements: \_\_\_\_\_

<b>Certificates:</b>	
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**High School Courses**

9 <sup>th</sup> Grade	
English I	Geometry
World History	Biology
MAPS/TSI Preparation	Fine Arts
Health/PE	

10 <sup>th</sup> Grade	
English II	Algebra II
US History	Chemistry
World Languages I	Health/PE

11 <sup>th</sup> Grade	
US Government/Economics	World Languages II
Physics	

12 <sup>th</sup> Grade	
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**College Courses**

Semester	With 9 <sup>th</sup> Grade – College Courses	Semester	
Spring	<b>ITSC 1401 - Introduction to Computers DISD #7996</b>		
		<b>Total Credit Hours: 4</b>	

Semester	With 10 <sup>th</sup> Grade – College Courses	Semester	
Fall	<b>GAME 1303 – Introduction to Game Design and Development DISD #5262</b>	Fall	<b>GAME 1370 – Concept Art I DISD #6936</b>
Spring	<b>SPCH 1311 – Introduction to Speech Communication (AAS) DISD #1943</b>	Spring	<b>GAME 1304 – Level Design I DISD #5263</b>
Summer	<b>MUSI 1306 – Music Appreciation DISD #8835 &amp; 8837</b>	Summer	<b>PSYC 2301 – General Psychology DISD #2430</b>
		<b>Total Credit Hours: 18</b>	

Semester	With 11 <sup>th</sup> Grade – College Courses	Semester	
Fall	<b>ENGL 1301 – English Composition I DISD #1420</b>	Fall	<b>MATH 1332 – Contemporary Mathematics DISD #2723 &amp; 2724</b>
Fall	<b>GAME 2332 – Project Development I DISD #7948</b>	Fall	<b>ARTV 1345 – 3D Modeling and Rendering I DISD #7757</b>
Spring	<b>ARTV 1341 – 3D Animation I DISD #7756</b>	Spring	<b>ARTV 2355 – Character Rigging and Animation DISD #7949</b>
Spring	<b>ENGL 1302 – Composition II DISD #1421</b>	Spring	<b>ARTV 2345 – 3D Modeling and Rendering II DISD #6937</b>
		<b>Total Credit Hours: 24</b>	

Semester	With 12 <sup>th</sup> Grade – College Courses	Semester	
Fall	<b>GAME 2359 – Game and Simulation Group Project DISD #7949</b>	Fall	<b>GAME 2308 – Portfolio for Game Development DISD #5233</b>
Fall	<b>GAME 1371 – Motion Capture DISD #2680 &amp; 2681</b>	Fall	<b>GAME 2334 – Project Development II DISD #6989</b>
Spring	<b>GAME 1302 – Interactive Storyboarding DISD #6938</b>	Spring	<b>GAME 2387 – Internship – Animation, Interactive Tech, Video Graphics &amp; Special Effects DISD #5234</b>
Spring	<b>GAME 1372 – Visual Effects for Video Games I DISD #8984</b>		

			<b>Total Credit Hours: 21</b>
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AA/AS = 60 CREDIT HOURS

TOTAL CREDIT HOURS:

67 HOURS

\* See counselor/advisor for placement.

*Courses in **red** are NOT part of the Associate degree.*

**Certificate and degree course information is based on the [2021-2022 Dallas College](#) catalog. Programs may be revised during the academic year. Please access the official catalog for the official and most current degree and certificate information.**

<p>Dual Credit Humanities/Fine Arts Appreciation options: See counselor/advisor for placement. Courses Include:</p> <p>ARTS 1301 – Art Appreciation DANC 2303 – Dance Appreciation I DRAM 1310 – Introduction to Theatre DRAM 2361 – History of Theater MUSI 1306 – Music Appreciation I</p>	<p>Dual Credit MATH options: See counselor/advisor for placement. Options Include:</p> <p>MATH 1314 – College Algebra MATH 1316 – Plane Trigonometry MATH 1324 – Math for Business &amp; Social Science MATH 1325 – Calculus for Business &amp; Social Science MATH 1332 – Contemporary Math I MATH 1342 – Elementary Statistical Methods MATH 1350, 1351 – Mathematics for Teachers I &amp; II</p>
<p><b>Dual Credit Natural Science Elective:</b> See counselor/advisor for placement. Courses include:</p> <p>BIOL 1406, 1407 – Biology for science majors I &amp; II BIOL 1408, 1409 – Biology for non-science majors I&amp;II BIOL 2401, 2402 – Anatomy and Physiology I &amp; II BIOL 2406 – Environmental Biology BIOL 2420 – Micro-Biology for non-science majors BIOL 2421 – Micro-Biology for science majors CHEM 1405, 1407 – Introduction to Chemistry I &amp; II CHEM 1411, 1412 – General Chemistry I &amp; II GEOL 1401, 1402 – Earth Science I &amp; II for non-science majors GEOL 1405 – Environmental Science PHYS 1401, 1402 – Algebra-based Physics I&amp;II PHYS 1405, 1407 – Elementary Physics I&amp;II PHYS 1415 – Physical Science I PHYS 2425, 2426 – University Physics I &amp; II</p>	<p>Dual Credit Behavioral/Social Sciences Options: See counselor/advisor for placement. Courses include:</p> <p>HIST 1301 – US History I <b>OR</b> CRIJ 1307 – Crime in America ECON 2301 – Macroeconomics ECON 2302 – Microeconomics PHED 1304 – Personal/Community Health PSYC 2301 – General Psychology PSYC 2314 – Lifespan Growth and Development SOCI 1301 – Introduction to Sociology SOCI 2319 – Minority Studies <b>OR</b> GOVT 2306 – Texas Government</p>
<p><b>Speech Elective Options:</b></p> <p>SPCH 1311 – Introduction to Speech Communication SPCH 1321 – Business and Professional Communication</p>	