

# GAME ANIMATION AND DESIGN, A.A.S.

The **Game Animation and Design degree** prepares students to create animations, design and develop video games, and incorporate art assets using game industry tools.

For more information about Computer and Information Science, please visit the program of study page (<http://www.cod.edu/cis/>).

## Degree Requirements

Field of Study Code: CIS.AAS.GAMEA

Code	Title	Credits
<b>Program Requirements</b>		
CIS 1199	Introduction to Game Industry	3
CIS 1200	Game Design	3
CIS 1201	Advanced Game Design	3
CIS 1211	2D Game Development	3
CIS 1212	Game Asset Creation Ad File Optimization	3
CIS 1400	Programming Logic and Technique	4
CIS 2212	3D Game Development	4
CIS/MPTV 2332	Game Animation	3
CIS 2290	Game Development Capstone Project	4
MPTV 1311	Introduction to Animation	3
MPTV 1313	History of Animation	3
MPTV 1320	Experimental Animation	3
MPTV 1324	Motion Graphics and Special Effects I	3
MPTV 2331	3-D Animation I	3
ART 1101	Drawing I	3
PHYSI 1100	Physics	4
ENGLI 1101 or ENGLI 1105	English Composition I Workplace Writing	3
Select one of the following:		3
SPEEC 1100	Fundamentals of Speech Communication	
SPEEC 1120	Small-Group Communication	
SPEEC 1150	Introduction to Business Communication	
<b>General Education</b>		
Select one course from each category:		6
Social and Behavioral Sciences		
Mathematics (1000 level or above)		
<b>Total Credits</b>		<b>64</b>

## General Education Requirements

For general education requirements for the AAS degree, please visit the AAS degree catalog page (<https://catalog.cod.edu/associate-degree-programs/associate-applied-science-degree/>).

## Suggested Semester Sequence

Course	Title	Credits
<b>First Semester</b>		
MPTV 1313	History of Animation	3
ART 1101	Drawing I	3

CIS 1199	Introduction to Game Industry	3
MPTV 1311	Introduction to Animation	3
ENGLI 1101 or ENGLI 1105	English Composition I or Workplace Writing	3
<b>Credits</b>		<b>15</b>
<b>Second Semester</b>		
CIS 1400	Programming Logic and Technique	4
CIS 1200	Game Design	3
CIS 1211	2D Game Development	3
CIS 1212	Game Asset Creation Ad File Optimization	3
MPTV 1320	Experimental Animation	3
<b>Credits</b>		<b>16</b>
<b>Third Semester</b>		
CIS 1201	Advanced Game Design	3
CIS 2212	3D Game Development	4
MPTV 2331	3-D Animation I	3
GEN ED	Mathematics	3
GEN ED	Social & Behavioral Science	3
<b>Credits</b>		<b>16</b>
<b>Fourth Semester</b>		
CIS/MPTV 2332	Game Animation	3
CIS 2290	Game Development Capstone Project	4
MPTV 1324	Motion Graphics and Special Effects I	3
PHYSI 1100	Physics	4
Select one of the following:		3
SPEEC 1100	Fundamentals of Speech Communication	
SPEEC 1120	Small-Group Communication	
SPEEC 1150	Introduction to Business Communication	
<b>Credits</b>		<b>17</b>
<b>Total Credits</b>		<b>64</b>

## Program Milestones

### First Semester

- Consider joining or visiting with a professional, cultural or interest-based Student Club ([http://cod.edu/student\\_life/clubs\\_org/](http://cod.edu/student_life/clubs_org/)).

### Second Semester

- If you have not done so yet this semester, it is important to make an appointment with a Faculty or Program Advisor (<https://www.cod.edu/academics/programs/cis/faculty.aspx>) to discuss your future academic progress.

This page lists programs related to one another.

- Application and Technical Support Specialist, A.A.S. (<https://catalog.cod.edu/programs-study/computer-information-science/application-technical-support-specialist-aas/>)
- Business Productivity Software, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/business-productivity-software-certificate/>)
- C++ Language Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/c-language-proficiency-certificate/>)

- Database Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/database-proficiency-certificate/>)
- Enterprise Database Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/enterprise-database-proficiency-certificate/>)
- Game Design and Development, A.A.S. (<https://catalog.cod.edu/programs-study/computer-information-science/game-design-development-aas/>)
- Game Design and Development, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/game-design-development-certificate/>)
- Game Programming and Development, A.A.S. (<https://catalog.cod.edu/programs-study/computer-information-science/game-programming-development-aas/>)
- Game Programming and Development, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/game-programming-development-certificate/>)
- iPhone/iPad Developer Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/iphone-ipad-developer-proficiency-certificate/>)
- JAVA Language Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/java-language-proficiency-certificate/>)
- LINUX, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/linux-certificate/>)
- Python Language Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/python-language-proficiency-certificate/>)
- Software Development, A.A.S. (<https://catalog.cod.edu/programs-study/computer-information-science/software-development-aas/>)
- Spreadsheet Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/spreadsheet-proficiency-certificate/>)
- UNIX Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/unix-proficiency-certificate/>)
- Visual BASIC Language Proficiency, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/visual-basic-language-proficiency-certificate/>)
- Web Client Developer, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/web-client-developer-certificate/>)
- Web Programmer, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/web-programmer-certificate/>)
- Windows Network Administration, Certificate (<https://catalog.cod.edu/programs-study/computer-information-science/windows-network-administration-certificate/>)