DigiPen Game Design

WA NIC

DigiPen
INSTITUTE OF TECHNOLOGY

- **Location:** DigiPen Institute of Technology
- **3 High School Credits:** YR 1 - CTE (2.0), 3rd Yr Math (1.0) YR 2 - CTE (3.0)
- **2 Year Program Available**
- **Program fees apply** (financial assistance may be available for qualifying students)
- **College Credits:** DigiPen Credits TBD

This is a full year 3-period Skill Center class (3 high school credits). What makes games fun, useful, or engaging? How can we design systems to allow users to get the most enjoyment, the greatest payoff? How do we provide the best value for the player's investment of time and energy? This program is intended to complement the current Video Game Programming track. It is for creative-minded students who are deeply curious to understand the behavior and psychology behind games and are eager to learn the skills and methods used for designing fun and engaging interactive experiences. Students study and apply fundamental engagement theory content along with a diverse range of other topics including computer science, cognitive psychology, economics, communications, and user experience. In this project-based program, students spend much of their time prototyping, testing, and rapidly developing many different game ideas.

- Identify and apply foundational game design theories and mechanics.
- Investigate different game design disciplines including systems design, level design, user experience design, narrative design, and technical design.
- Apply essential user experience design (UXD) techniques like wireframing, prototyping, user research, and usability testing.
- Learn basic scripting and programming skills to develop game prototypes using game engine.
- Identify industry game design roles and the specific skill sets required by each role, to develop a successful, individual career path.
- Collaborate on team projects with students from the other DigiPen WANIC tracks

wanic.org

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Possible job titles: Game Developer, Game Designer, Digital Interface Designer

Median Yearly Salary Seattle Metro area*

- Web Developers and Digital Interface Designers $150,040

Source: careeronestop.org, U.S. Department of Labor's Bureau of Labor Statistics 2022

PREPARE FOR COLLEGE AND A CAREER!

WANIC (Washington Network for Innovative Careers) is a regional skill center in Northeast King County. WANIC provides advanced level Career and Technical Education (CTE) programs based on rigorous academic and industry standards preparing students for career and college readiness. WANIC Skill Center programs are delivered through a system of branch campuses in seven participating districts. The skill center programs provide dual credit opportunities (both high school and college credit) and/or lead to industry certifications.

Washington Network for Innovative Careers

WANIC Skill Center serves high school students from these School Districts:

Bellevue ◆ Issaquah ◆ Lake Washington
Mercer Island ◆ Northshore ◆ Riverview ◆ Snoqualmie Valley

WANIC Skill Center

11605 132nd Ave. NE, #A108
Kirkland, WA 98034
T: 425-739-8400 / wanic@lwsd.org

wanic.org