



Summer Computer Science Professional Learning with CS-PLAN, Sacred Heart University, and Code.org!

Hybrid schedule
June 23-27, 2025

The Computer Science Professional Learning Action Network (CS-PLAN) at Sacred Heart University is a hub for computer science professional learning for educators across the K-12 spectrum. CS-PLAN allows districts to craft a custom pathway meeting their capacity-building needs.

Educators receive five days of professional learning on a hybrid schedule and support throughout the academic year.



Sacred Heart University

Scholarships available from Code.org

Code.org District Partner Program	Code.org Computer Science Discoveries	Code.org Computer Science Principles and CSA	Artificial Intelligence and Machine Learning	*NEW* AI & Computer Science Foundations
Turnkey K-12 computer science and AI curriculum	Gain experience using App Lab, Game Lab, and AI Lab	AP or non AP	Code.org AI/ML course gives students a deep understanding of how artificial intelligence (AI) and machine learning (ML) function.	Work through challenges and projects using collaborative activities. Topics include data science and understanding python, Java, networking, & cybersecurity.
Insight into district-level computer science access and participation	Physical Computing with Micro Bits	Real world topics include big data, privacy, and programming and algorithms	The course emphasizes the principles of AI/ML rather than offering an interface with AI applications.	AI as an Assistant, AI Limitations, Bias and Hallucinations, AI for Creativity, AI in Decision-Making
Build your own PD session	Engage students in problem solving and creative expression through the use of Game Lab	Write and debug a function using Java with one or more parameters and that uses conditional logic, loops, and an array	In this workshop teachers learn how to train an AI model using data provided by Code.org or any CSV file	This curriculum supports a variety of CS Pathways
Create an action plan for implementation	Focus on Design Thinking linking to engineering design, interaction of technology and humans, ethics and culture	Support preparing students for AP Exam		
Exclusive opportunities to collaborate with education, policy and industry leaders				
Learn More	Apply on Code.org	Apply on Code.org	Apply on Code.org	Register by completing this form
<div>CODE</div>				Learn More



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Monday and Tuesday in person at SHU - Wednesday, Thursday, Friday Virtual

[Explore the District Partner Program with Code.org](#)
At No Cost!

LEARN MORE AND APPLY

Summer Workshop Includes:

- CSTA Standards Alignment
- In-depth breakdown of CS curriculum
- Implementation plans for your classroom or school
- A connection to the community of CS Educators in Connecticut!

Ongoing Academic Year Support

- Strategies for addressing roadblocks to implementation
- Ideas for fostering and developing a strong classroom rapport that nurtures all learners
- A deepened sense of community with CS teachers across CT

Questions?

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Full Scholarships Available

Onsite Professional Learning is Available for most Workshops
Reach out to Learn More!