

An aerial night photograph of the San Diego City College campus. The image shows modern buildings with illuminated windows and glass facades. A multi-lane road with light trails from traffic is visible in the foreground. In the background, the San Diego city skyline is visible against a dark blue twilight sky. The text 'Cyber Defense & Analysis Baccalaureate Degree Program' is overlaid in large white font across the center of the image.

# Cyber Defense & Analysis Baccalaureate Degree Program

San Diego City College

# OPPORTUNITY

- **Choice:** you have the power to act on, stick with, and achieve your goals and aspirations
- **Chance:** by taking risks and stepping outside of your comfort zone, you avoid doing nothing
- **Change:** a process that takes courage – so make the most of your time and live life to the fullest

*"You must make a choice to take a chance, or your life will never change" – Zig Ziglar*

...not without **CA Assembly Bill 927**







# What is Cyber Defense and Analysis?

- Organizational ability to **detect, respond, and recovery** from cyber incidents
- Analytical approach to cybersecurity **focusing on data** to produce proactive security responses
- Ability to **maintain access** to and **functionality** of critical data and infrastructure

# Why Cyber Defense and Analysis?

- **Job Security:** high demand and typically well compensated after a 2-5 years
- **Challenging and Exciting:** must continually learn new skills and techniques to keep up with emerging threats
- **Positive Impact:** raising awareness and protecting individuals and businesses from cyber threats
- **Diverse Opportunities:** careers in government, healthcare, finance, and technology, among others  
(755k+/US; 81k+/CA; & 11k/SD Region)



# How do we teach it?

- **Cohort model/set schedules**
- Instructors, guest lecturers, and speakers with **industry knowledge and experience**
- Theoretical and practical approaches using **case studies and virtual simulations**
- **Gamification** to enhance engagement and measure outcomes for success
- **Work experience** opportunities that include part-time, internships, and employer connections
- **Multiple modalities** allowing students to choose their learning experience (limited availability)

# What are the program requirements?

- Baccalaureate degree programs are **typically four years and a minimum of 120-units** (CC model is a 2y+2y)
- SDCC's current **A.S. Cybersecurity** or equivalent (**transfers must account for each course**) with CSU GE or IGETC;
- **Statistics** is required & **discreet mathematics** strongly recommended for GE (B4 or 2A)
- Complete **program upper-division 54 units** (includes 9 units of interdisciplinary GE)







## How long does it take to finish the CyDA program?

- Full-time = 4 years
- Part-time = 6-8 years

## How much does it cost?

- Approximately \$10,148 for enrollment fees (CA resident) entire four-year program
- San Diego Promise
- Financial Aid available

# Why should someone get a CCC bachelor's degree?

- **Competitiveness:** better chance at employment
- Demonstrated **commitment** by completing a four-year degree program
- **Comprehensive education and skills** relevant to the field of study
- Career **advancement** and higher **earnings potential**
- **Personal growth and development** in a supportive environment
- **Accessibility and affordability**







## Why San Diego City College?

- **Relevant** and **quality** education
- **Affordable** tuition
- **Location** and **accessibility**
- **Support** services
- **Diverse** and **inclusive** population

...because **YOU BELONG HERE!**



Who  
should  
apply?

- Completed SDCC's AS in Cybersecurity;
- Transferring with AS in cybersecurity;
- Plan on completing AS in Cybersecurity before Fall '24;
- Transferring from similar BS program at another college;
- All students consult w/education counselor

...special online BDP  
application opens 10/1/2023.



# Steps to Apply

- Apply for admission to SDCC;
- Submit all college transcripts and request evaluation; allow up to 90 days to process – potential deadline 1/31/2024;
- Complete Prerequisites
- Complete FAFSA;
- Complete Application Checklist;
- Complete special BDP application – opens 10/1/2023.



# Q&A

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**Visit:**

<https://www.sdccity.edu/cyberdefense>