

PROFESSIONAL CERTIFICATE

Digital Signal Processes

UC San Diego
EXTENSION

Our Digital Signal Processing certificate program is designed to provide an understanding of DSP fundamentals, principles, applications, current practices and standards, and emerging trends and developments. This program is intended for software, hardware and system engineers and technical managers who are involved in evaluation, design and development of DSP-based applications.

For a four year period (2014-2017), Burning Glass Technologies reported a national growth rate of 40% in Engineering and Technology jobs requiring skills in DSP. Projections for 2018 are showing a growth rate of 14% compared to 2017. (Source: Burning Glass Technologies).

REQUIRED COURSES: (ALL 3 REQUIRED)

- Digital Signal Processing (DSP)
- DSP in Wireless Communications
- Applied DSP

PREREQUISITE COURSE:

- Signals and Systems or equivalent knowledge and experience

AT A GLANCE



FORMAT

Online



ESTIMATED COST

\$2,420*



DURATION

9 Months**

**Excludes textbooks and materials. ** 12-15 months if prerequisites are needed.*



PROGRAM HIGHLIGHTS

- Explore the need for DSP in wireless systems
- Appreciate the advantages of processing signals digitally to achieve high speed and accuracy
- Practicing instructors who bring industry relevance to students
- Program can be completed entirely online
- Classes can be internet accessed anywhere/anytime providing schedule flexibility
- Curriculum taught in accordance with industry standards
- Complete the program in 9 months (1 year if taking the prerequisite)

LEARN MORE

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APPLY TODAY

extension.ucsd.edu/dsp