



Division of Professional and Continuing Education

## **DATA ANALYTICS AND VISUALIZATION CERTIFICATE**

### **Program Snapshot**

- No Applications - Open Enrollment
- Estimated completion - 28 weeks! 2 Semesters
- 4 required courses
- Each course is 7 weeks in duration
- Each course consists of seven engaging learning modules with fixed deliverable deadlines
- Course week starts Tuesdays and ends Mondays
- To meet the certificate requirements for this program students must complete each course with a grade of C or better.
- For students interested in completing the certificate as a potential pathway to USD's fully online MS in Applied Data Science (MADS) program, pending program admittance, a B grade or better is required in each of the certificate courses.

**Summer 2022 Cohort - Start Date:** May 10, 2022 and **End Date:** December 12, 2022

- [DAV-X800 Essentials of Analytics in Excel](#)  
May 10, 2022 to Jun 27, 2022
- [DAV-X801A Data Visualization & Storytelling with Tableau](#)  
Jun 28, 2022 to Aug 15, 2022
- [DAV-X801B Data Analytics with Python and R](#)  
Sept 6, 2022 to Oct 24, 2022
- [DAV-X802 Data Analytics and Visualization Capstone](#)  
Oct 25, 2022 to Dec 12, 2022

**Fall 2022 Cohort - Start Date:** September 6, 2022 and **End Date:** April 17, 2023

- [DAV-X800 Essentials of Analytics in Excel](#)  
Sept 6, 2022 to Oct 24, 2022
- [DAV-X801A Data Visualization & Storytelling with Tableau](#)  
Oct 25, 2022 to Dec 12, 2022
- [DAV-X801B Data Analytics with Python and R](#)  
Jan 10, 2023 to Feb 27, 2023
- [DAV-X802 Data Analytics and Visualization Capstone](#)  
Feb 28, 2023 to Apr 17, 2023

### **Course Materials**

- Required Text, [\*Essentials of Modern Business Statistics with Microsoft Excel, 8th edition\*](#) by David Anderson, Dennis Sweeney, Thomas Williams, Jeffrey Camm and James Cochran available at Amazon.com or your local bookstore

- Optional, Recommended Text, *Excel Statistics: A Quick Guide, 3rd edition* by Neil Salkind available at Amazon.com or your local bookstore
- *Storytelling with Data: A Data Visualization Guide for Business Professionals* by Cole Nussbaumer Knaflic available at Amazon.com or your local bookstore
- *Visual Analytics with Tableau* by Alexander Loth available at Amazon.com or your local bookstore
- *A Hands-On Introduction to Data Science, 1st edition* by Chirag Shah available at Amazon.com or your local bookstore
- *The Craft of Scientific Presentations: Critical Steps to Succeed and Critical Errors to Avoid, 2nd edition* by Michael Alley available at Amazon.com or your local bookstore

## Bundle & Save 10%

- Tuition is \$1,375 per course, with bundle savings, pay only \$1,237 per course
- Total Cost of Certificate is \$5,545 - **Fee w/Bundle \$4,995**

*Save \$550 off tuition! No promo code required. Add all required courses to your cart to activate savings!*

To activate savings, add all 4 courses in one transaction for discount. To apply credit, select the checkbox and select "BUS - DAV Bundle and Save 10%" for a discount on each course. **\*\*Only one discount can be applied per course.\*\***

**Have questions?** Contact us at [pce-bus@san Diego.edu](mailto:pce-bus@san Diego.edu)