

**UNIVERSIDAD INTERAMERICANA DE PUERTO RICO  
RECINTO DE BAYAMÓN  
DEPARTAMENTO DE INFORMÁTICA**

**LISTA DE LIBROS  
ENERO A MAYO DE 2026**

| <b>CIENCIAS DE COMPUTADORAS</b> |                                                                                                                                    |                                    |                         |                                                 |                            |                        |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-------------------------|-------------------------------------------------|----------------------------|------------------------|
| <b>CURSO</b>                    | <b>TÍTULO DEL LIBRO</b>                                                                                                            | <b>AUTOR</b>                       | <b>EDICIÓN/<br/>AÑO</b> | <b>ISBN</b>                                     | <b>CASA EDITORA</b>        | <b>PRECIO ESTIMADO</b> |
| COMP 2051                       | Front-End Back-End Development with HTML, CSS, JavaScript, jQuery, PHP, and MySQL                                                  | Jon Duckett                        | 2022                    | ISBN-10: 1119813093,<br>ISBN-13: 978-1119813095 | Wiley                      | \$66.35                |
| COMP 2052                       | RESTful API Design Patterns and Best Practices                                                                                     | Subramanian, H., & RajHands-On, P. | 2025                    | ISBN-13: 978-1835885291                         | Packt Publishing           | \$35.99                |
|                                 | Designing Web APIs: Building APIs That Developers Love                                                                             | Jin, B., Sahni, S., & Shevat, A.   | 2018                    | ISBN-10: 1492026921<br>ISBN-13: 978-1492026921  | O'Reilly Media             | \$19.99                |
| COMP 2053                       | Full Stack Web Development for Beginners: Learn Ecommerce Web Development Using HTML5, CSS3, Bootstrap, JavaScript, MySQL, and PHP | Riaz Ahmed                         | 2021                    | ISBN-13: 979-8738951268                         | Independently published    | \$35.00                |
| COMP 2120                       | Learn C# Quickly: A Complete Beginner's Guide to Learning C#, Even If You're New to Programming                                    | Code Quickly                       | 1st ed.<br>2020         | ISBN-10: 1951791371.<br>ISBN-13: 978-1951791377 | Drip Digital               | \$16.15                |
| COMP 2200                       | Designing with the Mind in Mind: Simple Guide to Understanding User Interface Design Guidelines                                    | Jeff Johnson                       | 3rd ed.<br>2020         | ISBN-10: 0128182024,<br>ISBN-13: 978-0128182024 | Morgan Kaufmann            | \$41.21                |
| COMP 2315                       | Learn C# Quickly: A Complete Beginner's Guide to Learning C#, Even If You're New to Programming                                    | Code Quickly                       | 1st ed.<br>2020         | ISBN-10: 1951791371.<br>ISBN-13: 978-1951791377 | Drip Digital               | \$16.15                |
| COMP 2400                       | Learn C# Quickly: A Complete Beginner's Guide to Learning C#, Even If You're New to Programming                                    | Code Quickly                       | 1st ed.<br>2020         | ISBN-10: 1951791371.<br>ISBN-13: 978-1951791377 | Drip Digital               | \$16.15                |
| COMP 2501                       | Essential Discrete Mathematics for Computer Science.                                                                               | Lewis, H. & Zax, R.                | 1st ed<br>2019          | ISBN-10: 0691179298<br>ISBN-13: 978-0691179292  | Princeton University Press | \$56.82                |
| COMP 2502                       | Essential Discrete Mathematics for Computer Science.                                                                               | Lewis, H. & Zax, R.                | 1st ed<br>2019          | ISBN-10: 0691179298<br>ISBN-13: 978-0691179292  | Princeton University Press | \$56.82                |

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|-----------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------------|-------------------------------------------------|-----------------------------|----------|
| COMP 2700 | <i>Analyzing Computer Security: A Threat / Vulnerability / Countermeasure Approach</i>                        | Charles P. Pfleeger and Shari Lawrence Pfleeger                     | 2011             | ISBN-10: 0132789469<br>ISBN-13: 978-0132789462  | Prentice Hall               | \$105.40 |
|           | <i>Security in Computing</i>                                                                                  | Charles P. Pfleeger, Shari Lawrence Pfleeger, and Lizzie Coles-Kemp | 6th ed.<br>2023  | ISBN-10: 0137891210,<br>ISBN-13: 978-0137891214 | Addison-Wesley Professional | \$117.94 |
| COMP 2800 | Database Systems: Design, Implementation, & Management                                                        | Carlos Coronel and Steven Morris                                    | 14th ed.<br>2022 | ISBN-10: 0357673034,<br>ISBN-13: 978-0357673034 | Cengage Learning            | \$116.80 |
| COMP 2850 | Android programming with Kotlin for beginners                                                                 | Horton, J.                                                          | 2019             | ISBN-13: 978-1789615401, ISBN-10: 1789615402    | Packt Publishing            | \$33.00  |
|           | Creating Mobile Apps with XamarinForms                                                                        | Charse, P.                                                          | 2016             | ISBN-13: 978-1509302987                         | Pearson Education           | \$19.97  |
| COMP 2900 | A Common-Sense Guide to Data Structures and Algorithms, Second Edition: Level Up Your Core Programming Skills | Jay Wengrow                                                         | 2nd ed.<br>2020  | ISBN-10: 1680507222                             | Pragmatic Bookshelf         | \$45.95  |
|           | Data Structures and Algorithms Made Easy: Data Structures and Algorithmic Puzzles                             | Narasimha Karumanchi                                                | 5th ed.<br>2016  | ISBN-10: 819324527X,<br>ISBN-13: 978-8193245279 | CareerMonk Publications     | \$30.75  |
|           | Data Structures and Algorithms in Java                                                                        | R. Lafore                                                           | 2nd ed.<br>2002  | ISBN-10: 0672324539,<br>ISBN-13: 978-0672324536 | Sams                        | \$51.19  |
| COMP 3300 | Systems Architecture                                                                                          | Stephen D. Burd                                                     | 7th ed.<br>2018  | ISBN-10: 1337097551,<br>ISBN-13: 978-1337097550 | Cengage Learning            | \$86.49  |
| COMP 3350 | Introduction to Data Communication & Parallel Processing: Lecture Notes                                       | Langtone Shumba                                                     | 2020             | ISBN-10: 6202684097,<br>ISBN-13: 978-6202684095 | Lambert Academic Publishing | \$59.00  |
| COMP 3401 | Beginning Software Engineering                                                                                | Rod Stephens                                                        | 2nd ed.<br>2022  | ISBN-10: 1119901707,<br>ISBN-13: 978-1119901709 | Wiley                       | \$36.99  |
| COMP 3402 | Beginning Software Engineering                                                                                | Rod Stephens                                                        | 2nd ed.<br>2022  | ISBN-10: 1119901707,<br>ISBN-13: 978-1119901709 | Wiley                       | \$36.99  |
| COMP 3500 | Modern Operating Systems                                                                                      | Andrew Tanenbaum, Herbert Bos                                       | 5th ed.<br>2022  | ISBN-10: 0137618840,<br>ISBN-13: 978-0137618842 | Pearson                     | \$94.99  |
| COMP 3600 | Introduction to Computer Graphics                                                                             | David J. Eck                                                        | v.1.4<br>2023    | N/A                                             | N/A                         | \$0.00   |
| COMP 3800 | Concepts of Programming Languages                                                                             | Robert W. Sebesta                                                   | 12th ed.         | ISBN-10: 1292436824,                            | Pearson                     | \$82.51  |

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|-----------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------|-------------------------------------------------|--------------------------------------|----------|
|           |                                                                                                                       |                                      | 2022            | ISBN-13: 978-1292436821                         |                                      |          |
| COMP 4170 | Introduction to Parallel Programming                                                                                  | Subodh Kumar                         | 1st ed.<br>2022 | ISBN-10: 1009069535,<br>ISBN-13: 978-1009069533 | Cambridge<br>University Press        | \$44.50  |
| COMP 4250 | Distributed Systems: Theory and Applications                                                                          | Ratan K. Ghosh and<br>Hiranmay Ghosh | 1st ed.<br>2023 | ISBN-10: 1119825938,<br>ISBN-13: 978-1119825937 | Wiley-IEEE<br>Computer<br>Society Pr | \$82.99  |
| COMP 4415 | Learn Computer Forensics: Your one-stop<br>guide to searching, analyzing, acquiring, and<br>securing digital evidence | William Oettinger                    | 2nd ed.<br>2022 | ISBN-10: 1803238305,<br>ISBN-13: 978-1803238302 | Packt Publishing                     | \$28.83  |
| COMP 4480 | Artificial Intelligence: A Modern Approach                                                                            | Stuart Russell and<br>Peter Norvig   | 4th ed.<br>2020 | ISBN-10: 0134610997,<br>ISBN-13: 978-0134610993 | Pearson                              | \$211.00 |
| COMP 4580 | Theory of Applied Robotics: Kinematics,<br>Dynamics, and Control                                                      | Reza N. Jazar                        | 3rd ed.<br>2022 | ISBN-10: 3030932192,<br>ISBN-13: 978-3030932190 | Springer                             | \$75.43  |

#### INSTALACIÓN Y REPARACIÓN DE SISTEMAS COMPUTADORIZADOS Y REDES

| CURSO                  | TÍTULO DEL LIBRO                                                                                      | AUTOR                               | EDICIÓN/<br>AÑO                 | ISBN                                    | CASA<br>EDITORIA     | PRECIO<br>ESTIMADO |
|------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------------|-----------------------------------------|----------------------|--------------------|
| COTN 1120              | See COMP 2120                                                                                         |                                     |                                 |                                         |                      |                    |
| COTN 1131<br>COTN 2132 | Electronic Fundamentals: Systems Approach                                                             | Floyd                               | 1ra ed.<br>2014                 | <b>13:</b> 978-0133143638               | Prentice Hall        | \$145.31           |
| COTN 1210              | Essential Computer Mathematics                                                                        | Schaum's Outlines                   | 4th ed.<br>1987                 | 10:0-07037990-4<br>13:978-0-07-037990-9 | McGraw Hill          | \$21.56            |
| COTN 1220              | Data communications and computer<br>networks: A business user's approach                              | Curt M. White                       | 8 <sup>th</sup> edition<br>2016 | 978-1-305-11663-4                       | Cengage<br>Learning  | \$62.82            |
| COTN 1230              | Survey of Operating Systems                                                                           | Jane Holcombe<br>Charles Holcombe   | 6th ed.<br>2019                 | <b>13:</b> 978-1260096002               | McGraw Hill          | \$78.00            |
| COTN 2122              | Network+ Certification                                                                                | Meyers                              | 6th ed.<br>2015                 | <b>13:</b> 978-0071848220               | McGraw Hill          | \$29.68            |
| COTN 2210              | A+ Certification core/Windows Exam                                                                    | Holcombe, Jame<br>Holcombe, Charles | 7th ed.<br>2010                 | 9780071701457                           | McGraw Hill          | \$45.00            |
| COTN 2230              | MCTS Guide to Microsoft Windows Server<br>2008 Network Infrastructure Configuration<br>(exam #70-642) | Michael Bender                      | 2009                            | 10: 142390236X<br>13: 978-1423902362    | Course<br>Technology | \$12.95            |
| COTN 3315              | Systems Analysis and Design                                                                           | Alan Dennis<br>Roth R.M.            | 7 <sup>th</sup> ed.<br>2018     | 13: 978-1119496489                      | John Wiley &<br>Sons | \$104.27           |