



## **List of Required and Non Required Course Books**

### **Associate of Science in Software Development**

January, 2025

| <b>Course</b>                             | <b>Books</b>                                                                                                                                                                                   | <b>Estimated Price (USD)</b> |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| FSDI 101: Introductory HTML & CSS         | Shienan Churtezar (2024), HTML + CSS Programming 2024 Guide for Beginners, Editorial Independiente, ISBN-13: 979-8327730885<br>(Not Required)                                                  | \$ -                         |
| FSDI 102: Intermediate HTML & CSS         | Shienan Churtezar (2024), HTML + CSS Programming 2024 Guide for Beginners, Editorial Independiente, ISBN-13: 979-8327730885<br>(Not Required)                                                  | \$ -                         |
| FSDI 103: Programming Fundamentals        | Christopher D Hundhausen Ph.D.(2025) Full-Stack Web Development from the Groud Up: Principles, Practice and Technologies, Publisher Morgan Kaufmann, ISBN-13: 978-0323918848<br>(Not Required) | \$ -                         |
| FSDI 104: JavaScript Fundamentals         | Christopher D Hundhausen Ph.D.(2025) Full-Stack Web Development from the Groud Up: Principles, Practice and Technologies, Publisher Morgan Kaufmann, ISBN-13: 978-0323918848<br>(Not Required) | \$ -                         |
| FSDI 105: jQuery FundameVision            | Christopher D Hundhausen Ph.D.(2025) Full-Stack Web Development from the Groud Up: Principles, Practice and Technologies, Publisher Morgan Kaufmann, ISBN-13: 978-0323918848<br>(Not Required) | \$ -                         |
| FSDI 106: JavaScript and jQuery Solutions | Christopher D Hundhausen Ph.D.(2025) Full-Stack Web Development from the Groud Up: Principles, Practice and Technologies, Publisher Morgan Kaufmann, ISBN-13: 978-0323918848<br>(Not Required) | \$ -                         |
| FSDI 107: Introductory React              | Martin Krause (2024), The Complete Developer: Master the Full Stack with TypeScript, React,                                                                                                    | \$ -                         |



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|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
|                                                   | Next.js, Mongo DB, and Docker, Editorial: No Starch Press, ISBN-13: 978-1718503281 (Not Required)<br><br>Robin Wieruch (2025), The Road to React: The React.js 19 with Hooks in JavaScript Book, Editorial Independiente ISBN-13: 979-8484786787 (Not Required)                                                                                           | \$ -             |
| FSDI 108: Introductory Python                     | K. Lawen (2025) Python Programming for Beginners: A Clear, Hands-On Guide to Real-World Applications, ISBN-13: 979-8306793665 (Not Required)                                                                                                                                                                                                              | \$ -             |
| FSDI 109: Intermediate React                      | Martin Krause (2024), The Complete Developer: Master the Full Stack with TypeScript, React, Next.js, Mongo DB, and Docker, Editorial: No Starch Press, ISBN-13: 978-1718503281 (No Required)<br><br>Robin Wieruch (2025), The Road to React: The React.js 19 with Hooks in JavaScript Book, Editorial Independiente ISBN-13: 979-8484786787 (No Required) | \$ -<br><br>\$ - |
| FSDI 110: Introductory Web API with ASP.net/Flask | Martin Krause (2024), The Complete Developer: Master the Full Stack with TypeScript, React, Next.js, Mongo DB, and Docker, Editorial: No Starch Press, ISBN-13: 978-1718503281 (No Required)                                                                                                                                                              | \$ -             |
| FSDI 111: Intermediate Python and Flask           | K. Lawen (2025) Python Programming for Beginners: A Clear, Hands-On Guide to Real-World Applications, ISBN-13: 979-8306793665 (No Required)                                                                                                                                                                                                               | \$ -             |
| FSDI 112: Introductory Django                     | K. Lawen (2025) Python Programming for Beginners: A Clear, Hands-On Guide to Real-World Applications, ISBN-13: 979-8306793665 (No Required)                                                                                                                                                                                                               | \$ -             |



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|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| FSDI 113: Intermediate Django                                | K. Lawen (2025) Python Programming for Beginners: A Clear, Hands-On Guide to Real-World Applications, ISBN-13: 979-8306793665 (No Required)                                                  | \$ - |
| FSDI 114: Algorithms and Data Structures                     | Alec Stovari (2025), Python Essentials 2025: Data Structures, Algorithms, File Handling and APIs in Python, Editorial SAP Press, ISBN-13: 978-1493224371                                     | \$ - |
| FSDI 115: User Experience and Responsive Design              | Christopher D Hundhausen Ph.D.(2025) Full-Stack Web Development from the Groud Up: Principles, Practice and Technologies, Publisher Morgan Kaufmann, ISBN-13: 978-0323918848 (No Required)   | \$ - |
| FSDI 116: Software Development Methodology Fundamentals      | Stem School (2025), The Full-Stack Guide: Learn Frontend & Backend Web Development with Real Projects (Code the Web: From Zero to Deployment), Kindle Editon                                 | \$ - |
| FSDI 117: Agile Architecture and Software Project Management | Martin Krause (2024), The Complete Developer: Master the Full Stack with TypeScript, React, Next.js, Mongo DB, and Docker, Editorial: No Starch Press, ISBN-13: 978-1718503281 (No Required) | \$ - |
| FSDI 118: Capstone I: User Experience                        | Christopher D Hundhausen Ph.D.(2025) Full-Stack Web Development from the Groud Up: Principles, Practice and Technologies, Publisher Morgan Kaufmann, ISBN-13: 978-0323918848 (No Required)   | \$ - |
| FSDI 119: Capstone II: Agile Methodology and Architecture    | Christopher D Hundhausen Ph.D.(2025) Full-Stack Web Development from the Groud Up: Principles, Practice and Technologies, Publisher Morgan Kaufmann, ISBN-13: 978-0323918848 (No Required)   | \$ - |
| FSDI 120: Capstone III: Project Management                   | Christopher D Hundhausen Ph.D.(2025) Full-Stack Web Development from the Groud Up: Principles, Practice and Technologies, Publisher Morgan Kaufmann, ISBN-13: 978-0323918848 (No Required)   | \$ - |



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|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| MATH 201: Algebra 1                             | Godunov Alexander, Adam John A (2025), Pragmatic Mathematics for Scientists and Engineers, World Scientific Publishing Co. Edition, ISBN: 978-91-98-1526-5                                        | \$ 50 |
| MATH 202: Algebra 2                             | Godunov Alexander, Adam John A (2025), Pragmatic Mathematics for Scientists and Engineers, World Scientific Publishing Co. Edition, ISBN: 978-91-98-1526-5                                        | \$ 50 |
| MATH 203: Quantitative Research Methods         | Rafiq Muhammad, MD, MIHMEP, Ph.D (2024), Research Design Simplified A Beginner's Guide to Qualitative, Quantitative, and Mixed Methods Research, Editorial: Master My Thesis, ISBN: 9789198900880 | \$ 58 |
| ARTS 201: Introduction to Art                   | Hardeberg, K. (2023), Art History for Everyone: Learn Art in a Fun, Easy, No-Nonsense Way, Ethos Collective Publisher, ISBN: 978-1636801636                                                       | \$ 28 |
| PHIL 201: Introduction to Philosophy and Ethics | Preston, T. (2023), Introduction to Philosophy Ways of Knowing, Being & Living, Independently Published, ISBN: 979-8853002623                                                                     | \$ 41 |
| HIST 201: World History                         | Smith, S. (2023), History of the World Map by Map, DK Published, ISBN: 978-0744084962                                                                                                             | \$ 20 |
| POLI 201: Political Science                     | Whitman Cobb, W. (2024), Political Science Today, CQ Press Editorial, 2nd Edition, ISBN: 978-1071844564                                                                                           | \$ 82 |
| HLTH 201: Introduction to Public Health         | Goldsteen, R. L., Goldsteen, K. and Dwelle, T. (2024), Introduction to Public Health: Proises and Practices, 3rd Edition, Springer Publishing, ISBN: 9780826186140                                | \$ 48 |
| ESCI 201: Environmental Systems                 | Thunberg, G. (2023), The Climate Book: The Facts and the Solutions, Penguin Press Editorial, ISBN: 978-0-593-49230-7                                                                              | \$ 19 |



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|--------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------|
| ENGL 201: English I:<br>Introduction to Composition          | Cassuto, L. (2024), Academic Writing as if<br>Readers Matter, Princeton University Press<br>Editorial, ISBN: 978-0691195797 | \$ 25           |
| SPCH 201: Speech: Oral<br>Communication                      | Lucas, S. (2023 Release), The Art of Public<br>Speaking, McGraw-Hill Editorial, ISBN: 978-<br>1266755231                    | \$ 70           |
| ENGL 202: English II:<br>Reading and Writing<br>Analytically | Cassuto, L. (2024), Academic Writing as if<br>Readers Matter, Princeton University Press<br>Editorial, ISBN: 978-0691195797 | \$ 25           |
| <b>TOTAL</b>                                                 |                                                                                                                             | <b>\$516.00</b> |