

Computer and Information Science

East-West University reserves the right to change textbook, software, and technology requirements at any time. Please confirm the required materials with your professor and the current course syllabus.

Textbooks

Course ID	Course Title	Text Book Title	ISBN
EN151-ON	Rhetoric and Styles	Every Student has A Story	978-1-53-757032-7
EN152-ON	Writing from Sources	Writing+Reading Across Curriculum, 13th Edition	978-0-13-399901-3
EN157-ON	Practical Research Writing	Curious Researcher, 8th Edition They Say/I Say, 4th Edition	978-0-32-199296-3 978-0-39-363167-8
EN166-ON	Speech	No Text Book	
HM279-ON	East-West Signature Course	Cutting For Stone Galaxy,+The Ground Within (Wayfarers 4) Shuna's Journey	978-0-37-571436-8 978-0-06-293604-2 978-1-25-084652-5
HM491-ON	Senior Seminar	Animal Farm	978-0-45-152493-5
MT153-ON	General Education Math	Thinking Mathematically	978-0-32-164585-2
MT155-ON	Intermediate Algebra	Intermediate Algebra	978-0-13-419617-6
MT158-ON	College Algebra	Algebra & Trigonometry	978-0-32-199859-0
MT160-ON	Elementary Plane Trigonometry	Algebra & Trigonometry	978-0-32-199859-0
MT201-ON	Calculus I	Calculus Early Transcendentals, 11th Edition	978-1-119-23492-0
MT215-ON	Introduction to Linear Algebra	Linear Algebra And Its Applications	978-0-13-688092-9
BS101-ON	Introduction To Business	Understanding Business	978-1-25-992943-4
BL103-ON	Introduction to Geneal Biology		
PS101-ON	Introduction to Psychology		
SC101-ON	Introduction to Sociology	Sociology:Down-To-Earth Approach, 15th Edition	978-0-13-473657-0
CI101-ON	Computer Technology and Applications	Go! All In One:Computer Concepts and Aplications, 4th Edition	978-0-13-543897-8
CI213-ON	Desktop Spreadsheet Application	Exploring Microsoft Office Excel 2019, Comprehensive	978-0-13-545275-2
CI215-ON	JAVA I	Introduction to Java Programming, 10th Edition	978-0-13-376131-3
CI216-ON	C# I	Computing with C# and the .NET Framework	978-1-4496-1550-5
CI220-ON	Cyber Ethics	Cyber Ethics Morality and Law in Cyberspace, 7th Edition	978-1-284-18506-8
CI221-ON	PYTHON I	Starting Out with Python, 4th Edition	978-0-13-444432-1
CI245-ON	JAVA II	Introduction to Java Programming, 10th Edition	978-0-13376131-3
CI246-ON	C# II	Computing with C# and the .NET Framework	978-1-4496-1550-5
CI251-ON	PYTHON II	Starting Out with Python, 4th Edition	978-0-13-444432-1
CI256-ON	HTML5	Web Development & Design Foundations with HTML5 , 9th Edition	978-0-13-480114-8
CI275-ON	Computer Organization and Architecture	The Essentials Of Computer Organization and Architecture, 5th Edition	978-1284123036
CI301-ON	Data Communications	Business Data Networks and Security, 11 th Edition	978-0-13-481712-5
CI310-ON	Principles of Database	Database System Concepts, 6th Edition	978-0-07-352332-3
CI320-ON	Data Structures	No Text Book	
CI321-ON	Computer Operating Systems	Operating Systems Internal and Design Principles, 9th Edition	978-0-13-467095-9
CI328-ON	Introduction to Data Science and Big Data	Introduction to Python for Computer Science and Data Science	978-0-13-540467-6
CI340-ON	Artificial Intellegience	Artificial Intelligence: A Modern Approach	1292401133
CI345-ON	Machine Learning		
CI351-ON	Natural Language Processing		
CI354-ON	SQL Server Database Programming	No Text Book	
CI492-ON	Senior Project	No Text Book	
DM240-ON	Computer Graphic Design	Adobe Illustrator CC Revealed	978-1-305-26261-4
DM260-ON	Digital Imaging: Photoshop I	No Text Book	
DM290-ON	Digital Video Production	No Text Book	

Software

Course ID	Course Title	Software
CI101-ON	Computer Technology and Applications	Microsoft Office Suite
CI213-ON	Desktop Spreadsheet Application	Microsoft Office Excel
CI215-ON	JAVA I	Eclipse
CI216-ON	C# I	Microsoft Visual Studio: C#
CI221-ON	PYTHON I	Python : Idle
CI245-ON	JAVA II	Eclipse
CI246-ON	C# II	Microsoft Visual Studio: C#
CI251-ON	PYTHON II	Python : Idle
CI256-ON	HTML5	Notepad and Web Browser
CI310-ON	Principles of Database	Microsoft Office Access
CI320-ON	Data Structures	Python : Jupyter
CI328-ON	Introduction to Data Science and Big Data	Python : Jupyter
CI340-ON	Artificial Intellegience	Python : Jupyter
CI345-ON	Machine Learning	Python : Jupyter
CI351-ON	Natural Language Processing	Python : Jupyter
CI354-ON	SQL Server Database Programming	SQL Server Management Studio
CI492-ON	Senior Project	Python/Java/C# for Programming Project
DM240-ON	Computer Graphic Design	Adobe Illustrator
DM260-ON	Digital Imaging: Photoshop I	Adobe Photoshop.
DM290-ON	Digital Video Production	Davinci Resolve

Laptop Specifications

View Display	16" or higher
RAM Memory	16 GB or higher
CPU Type	Intel or AMD (Intel CPU is faster than AMD)
CPU Speed	2.0 or higher
HDD Capacity	500 GB or higher
HDD Type	SSD (Solid State Device)

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