

# IEEE Learning Network (ILN)

*NIRMA University, 28<sup>th</sup> March 2022*

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# Essential Topics for Technical Professionals

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IEEE Standards	Photonics & Electro-Optics	Power & Energy	Robotics
Signal Processing & Analysis	Telecommunications	Transportation	Cyber Security

# A Step-by-Step Approach to Designing Blockchain Solutions

## ▶ This 5-course program:

- Offers practical guidance on how to access and design blockchain solutions for businesses,
- Includes basics of the technology of how to understand the expected benefits of a blockchain solutions, and
- Offers guidance on how a solution would benefit a prospect company, design/propose new solutions, expected costs, resources required to develop a solution, and more.

## ▶ Courses included in this program:

- Making the Case
- Defining Functional Requirements
- Defining Non-Functional Requirements
- Selecting the Platform
- Implementing the Solution



*In partnership with:*



### Target audience:

- Technical professionals in charge of designing products and solutions within large organizations
- Product Managers
- Solution Designers
- Solution Architects

# IEEE Learning Network (ILN)

<https://iln.ieee.org>

# Access the IEEE Learning Network (ILN)

**Campus Link: <https://iln.ieee.org>**

**Remote Login Link: <https://iln.ieee.org.elibrary.nirmauni.ac.in/public/TrainingCatalog.aspx>**

- Your institutional access to the ILN is IP authenticated.
- Click “Sign In” at the top of the screen.
- As you are on your organization’s network, you will see “Access provided by: *Your Institution*” at the top of the screen. Enter your IEEE personal credentials to proceed.
- If you do not have IEEE personal credentials, click “Create Account” and complete the required fields.

IEEE Learning Network

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# Browse or Search for Courses

<https://iln.ieee.org>

- Type in a keyword in the search bar at the top. Type ahead suggestions for course titles will appear.
- Alternatively, click the magnifying glass to navigate to the search page listing all course results.

The screenshot displays the IEEE Learning Network website interface. At the top, a dark blue navigation bar contains links for 'IEEE.org', 'IEEE Xplore Digital Library', 'IEEE Standards', 'IEEE Spectrum', and 'More Sites'. On the right side of this bar, it shows the user's name 'Paul Henriques (Pilot eLearning L...)' and a 'Cart (0)' icon. Below the navigation bar, the 'IEEE LearningNetwork' logo is on the left, followed by navigation tabs for 'Home', 'My Courses', and 'Transcript'. A search bar is positioned to the right of these tabs, containing the text 'Blockchain'. A red arrow points to the search bar. A dropdown menu is open below the search bar, listing several course titles with 'Online' status: 'Understanding Blockchain Technology: Abstracting the Blockchain', 'Blockchain in Smart Grid', 'Enterprise Blockchain for Healthcare', 'Enterprise Blockchain Overview', 'Designing Blockchain Solutions: Defining Functional Requirements', 'Designing Blockchain Solutions: Making the Case', 'Designing Blockchain Solutions: Selecting the Platform', and 'Enterprise Blockchain for Supply Chain'. At the bottom of the dropdown menu, there is a link that says 'See all results for "Blockchain"'. In the background, a banner for an 'Upcoming System M' event is visible, scheduled for 'Saturday, 15 January 2022' from '12:00 AM ET - 5:00 AM ET'. The IEEE logo is also present in the bottom right corner of the page.

# Launching a Course

- Upon selecting a course from the search result set, you will be brought to the course page.
- An orange box on the right side with “This content is included in your institution’s subscription” will appear if the content is available.
- Click “Open Item” at the bottom of the course page. The course player will open.
- Use the buttons at the bottom of the player to navigate through the course.

The screenshot shows the IEEE Learning Network interface. At the top, there is a navigation bar with links for Home, My Courses, Transcript, Browse Catalog, and Search Catalog. The main content area displays the course title "Designing Blockchain Solutions: Making the Case" and its status as "Online". A description follows, explaining that the course provides a template for strategic, opportunity, and readiness assessments. Below this is the instructor's name, Hunter Albright, accompanied by a circular portrait photo. Further down, the publication year (2021) and ISBN (978-1-7281-7776-2) are listed. At the bottom left of the course details, there is a blue "Open Item" button. On the right side of the page, an orange-bordered box contains the text "This content is included in your institution's subscription." Below this box is a thumbnail image of a blockchain network. At the bottom right, there is a table with course details: Course Provider: Educational Activities, Course Number: EDP633, Duration (Hours): 1, and Credits: 0.3 CEU / 3 PDH. A red arrow points from the text in the orange box to the "Open Item" button.

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Search Results

## Designing Blockchain Solutions: Making the Case

Online

Is a blockchain solution the right way to go? For companies making the case for or against a blockchain solution, three key steps are required: strategic assessment, opportunity assessment, and a readiness assessment. This course provides a template with examples for learners to use and populate in order to come up with their own conclusions.

**Instructor**




**Hunter Albright**

Dr. Hunter Albright is a faculty member at the University of Colorado, Boulder, and teaches at the Leeds School of Business and the School of Engineering. As the executive director of the university's blockchain alliance, he is leading the research, application, and education of blockchain technology and solutions. He is a member of the C4's Certified Bitcoin Professional Advisory Board and supports the IEEE's blockchain efforts as the co-chair of the IEEE Blockchain Education Initiative and co-chair of the IEEE Blockchain for Transactive Energy Initiative.

**Publication Year:** 2021  
**ISBN:** 978-1-7281-7776-2

[Open Item](#)

*This content is included in your institution's subscription.*



Course Provider: <b>Educational Activities</b>
Course Number: <b>EDP633</b>
Duration (Hours): <b>1</b>
Credits: <b>0.3 CEU / 3 PDH</b>

Item Details



# Obtaining Course Transcripts

- Click “Transcript” at the top of any ILN page to access the transcript of all courses.
- Click on a course title in the list to access the course page.
- Click the blue “View Certificate” on any successfully completed course to access the certificate on-demand.

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Title	Type	Status	Score	Start Date	Completion Date	Expiration Date	Credits	Action
Communication and Presentation Skills for Technical Professionals	Online	Started		8/12/2019				
Sensors for Autonomous Vehicles	Online	Failed	60.00	8/12/2019	9/24/2019			
Overview of Edge Computing	Online	Started		8/12/2019				
eLearning Archive: Tunable Semiconductor Lasers	Online	Started		8/12/2019				
Enterprise Blockchain for Grid Modernization	Online	Completed	86.67	8/14/2019	9/24/2019		0.3 CEU 3 PDH	<span>View Certificate</span>

# Thank You!

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IEEE Information, Training, and Tools:

[www.ieee.org/go/clientservices](http://www.ieee.org/go/clientservices)