

## WEB DEVELOPMENT CAPSTONE

*Web Development Capstone is a course designed to guide students in a project-based environment in the development of up-to-date concepts and skills that are used in the development of today's websites. Some concepts for discovery and mastery include: Front-end (HTML5, CSS3, Bootstrap, JavaScript, jQuery, jQuery mobile), Foundation paradigms (OOPS, Design Patterns, Object Modeling, JSON, AJAX), MEAN Stack (MongoDB, Express Framework, AngularJS, Node.js) Data Exchange (HTTP, WebSockets), Development Environment & Tools, DISHA (Resume & Interview prep package).*

- Internet Skills for Webmasters
- Demonstrate creation of well-formed web pages in HTML5
- Format web pages using CSS3
- Plan, design, implement and maintain websites
- Code using JavaScript
- Understand and use PHP Programming
- HTML5 API's for App Development
- Explore careers in Web Development and prepare a portfolio of projects created

