SYLLABUS
PART I
EDISON STATE COMMUNITY COLLEGE
IMD 121S INTRODUCTION TO WEB DEVELOPMENT
3 CREDIT HOURS

COURSE DESCRIPTION
Introduction to creating and modifying webpages with HTML using appropriate industry tools. The latest standards of HTML and CSS will be used with an emphasis on mobile web development and web accessibility. JavaScript will also be introduced. Lab fee.

COURSE GOALS
The student will:

Bloom's Level		Program Outcomes
2	1. Understand foundations, resources, and applications of the internet and the world-wide web.	6
5	2. Build websites using current HTML standards to establish document structure and content of webpages.	6
3	3. Apply CSS elements to describe the presentation of webpages.	6, 7
3	4. Effectively incorporate multimedia files for websites.	6, 7
3	5. Develop basic programming skills using interactive client-side programming languages to enhance webpages.	6
3	6. Apply other appropriate industry tools, technologies, and web standards from standards bodies for web development.	6, 7
2	7. Describe the principles of web usability and ADA compliance.	7
5	8. Develop a fully functional website using the website development lifecycle from a team-based approach.	2

CORE VALUES
The Core Values are a set of principles that guide Edison State in creating its educational programs and environment. They will be reflected in every aspect of the College. Students' educational experiences will incorporate the Core Values at all levels, so that a student who completes a degree program at Edison State will not only have been introduced to each value, but will have had them reinforced and refined at every opportunity.

TOPIC OUTLINE
1. HTML Fundamentals
2. HTML Forms and Multimedia
3. CSS Fundamentals
4. CSS Layouts and Special Effects
5. Sass
6. Mobile Web Development
7. CSS Frameworks
8. Web Accessibility
9. JavaScript Fundamentals