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Welcome to I360

Course Introduction & Syllabus Highlights

Final Assessment : **Due Monday, Dec 10 @NOON**

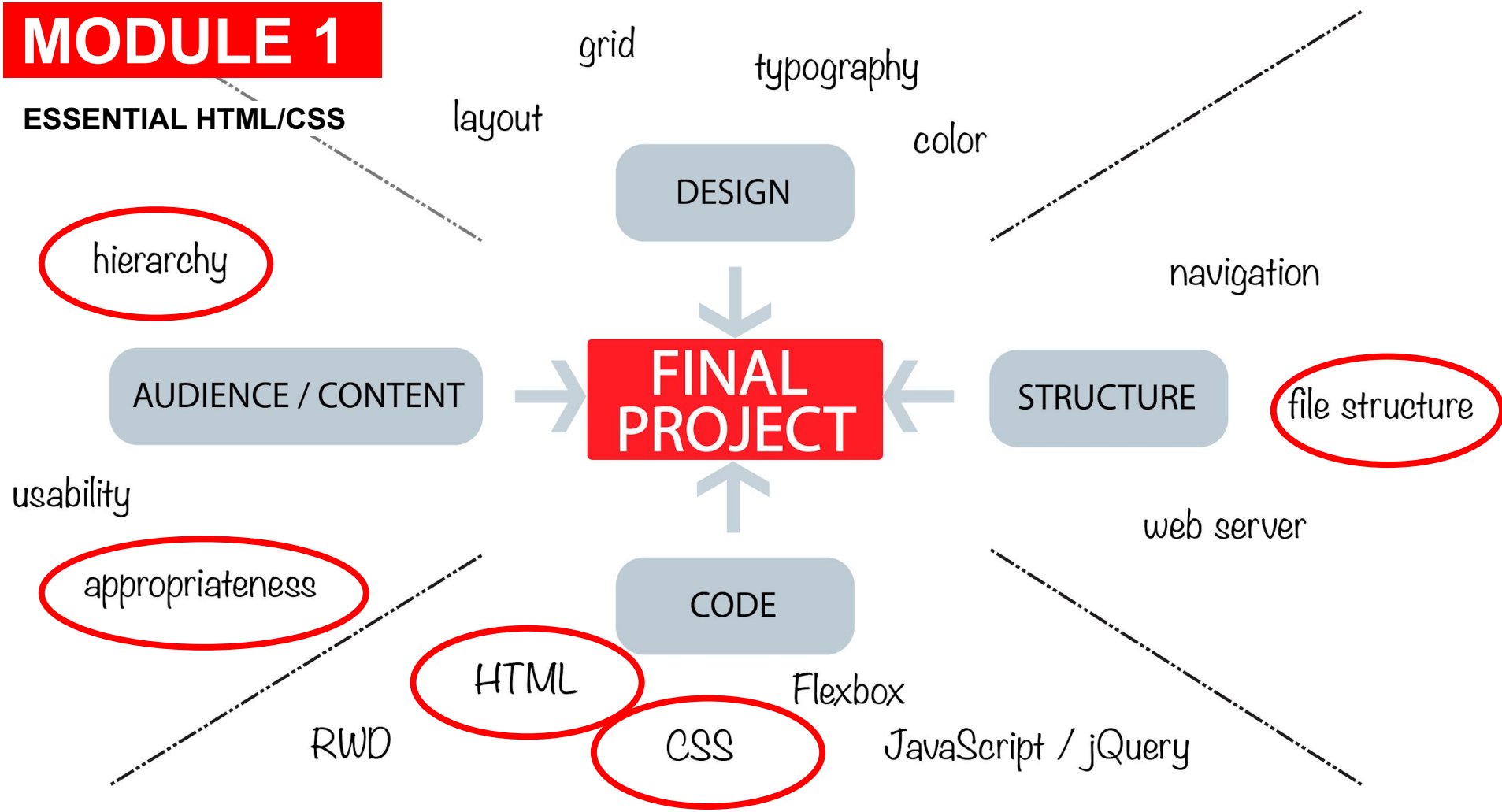
Create a responsive website using HTML, CSS & Flexbox

Showcase your ability to create online content and structure using HTML and CSS… Use Flexbox for layout, and ensure your design is a valid, responsive multi-page website using modern coding practices and with consideration for usability and user experience.

Plan • Code • Design • Problem-Solve • Understand Audience and User Experience • Evaluate your Work

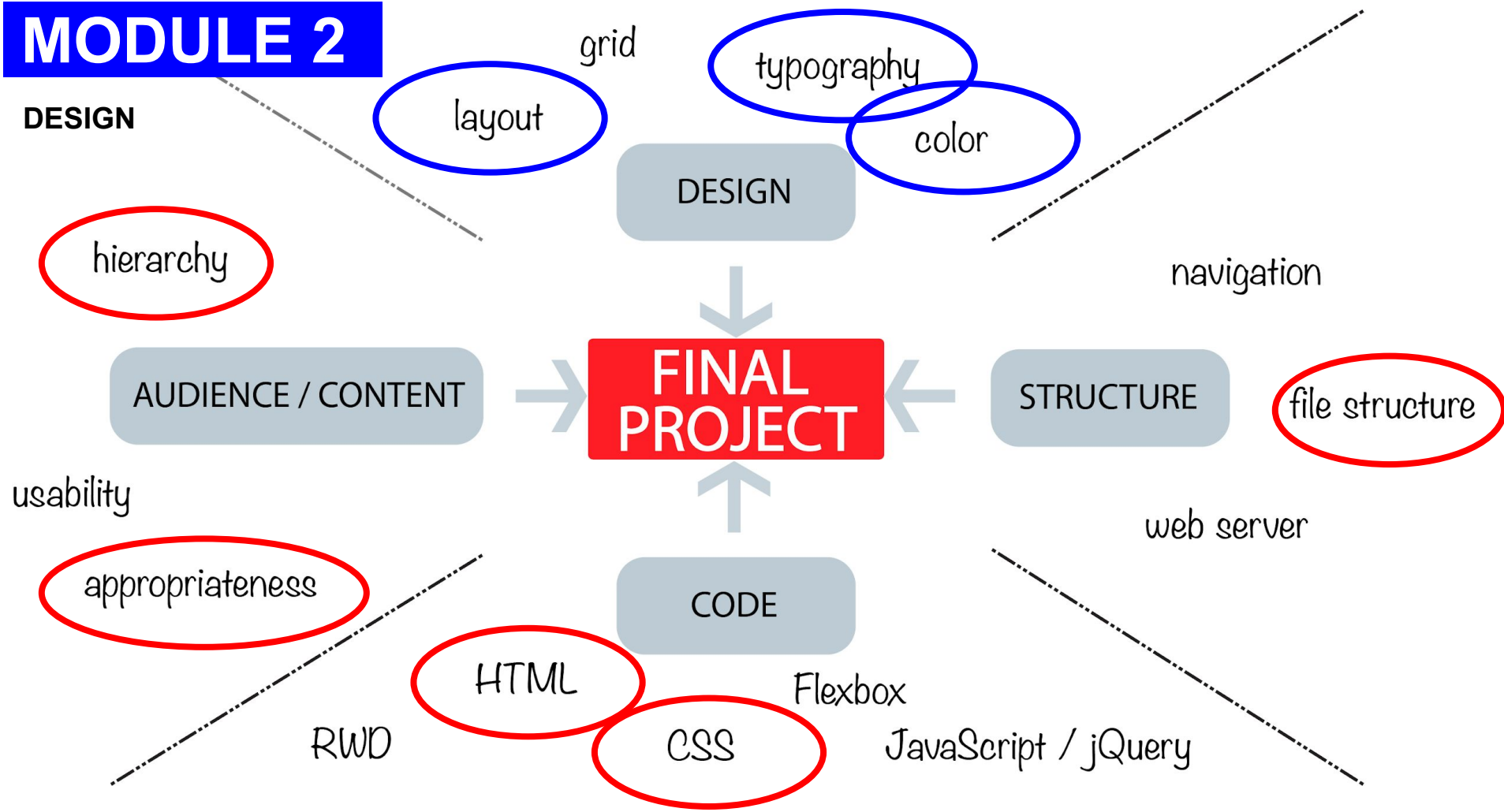
MODULE 1

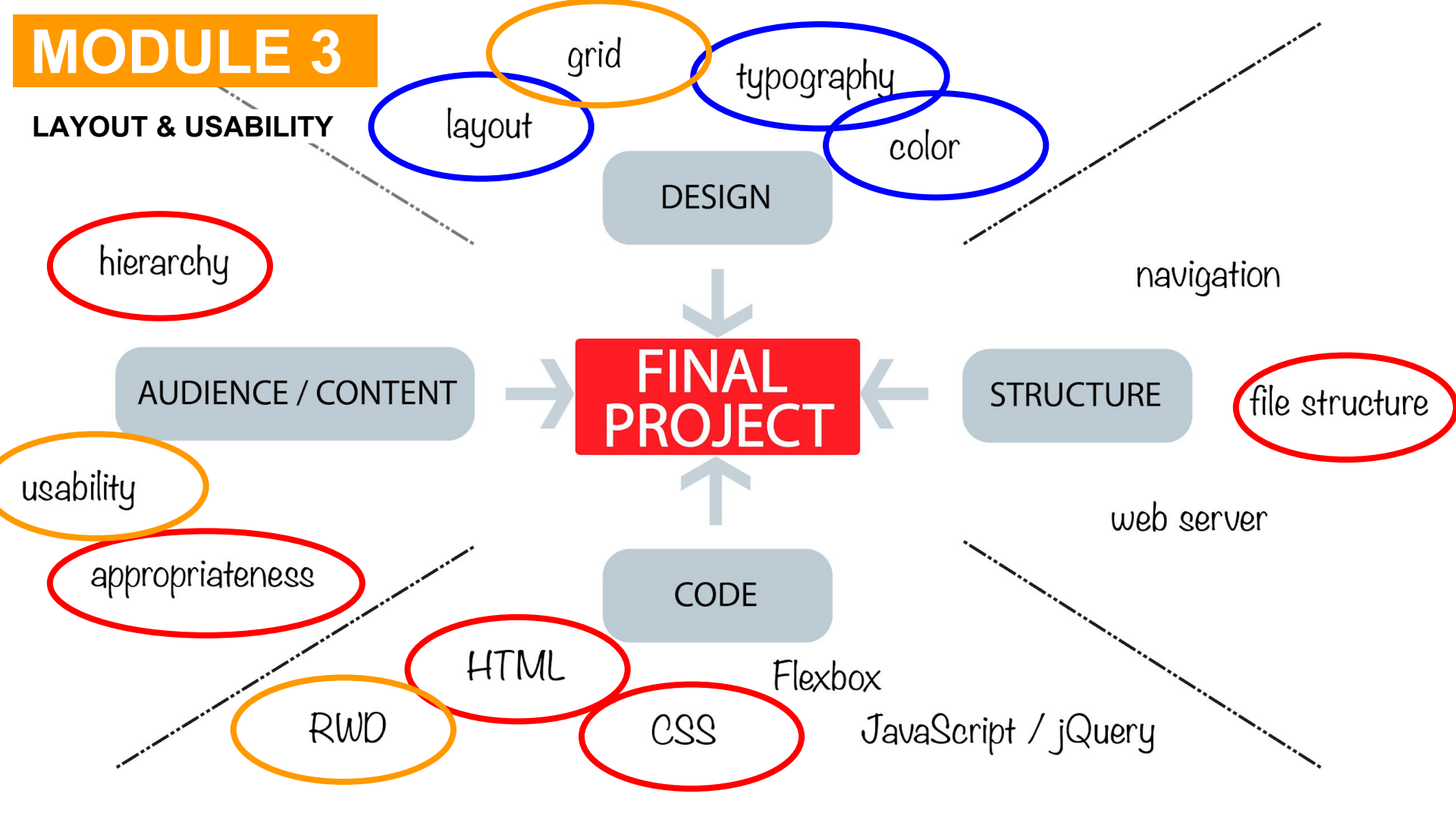
ESSENTIAL HTML/CSS



MODULE 2

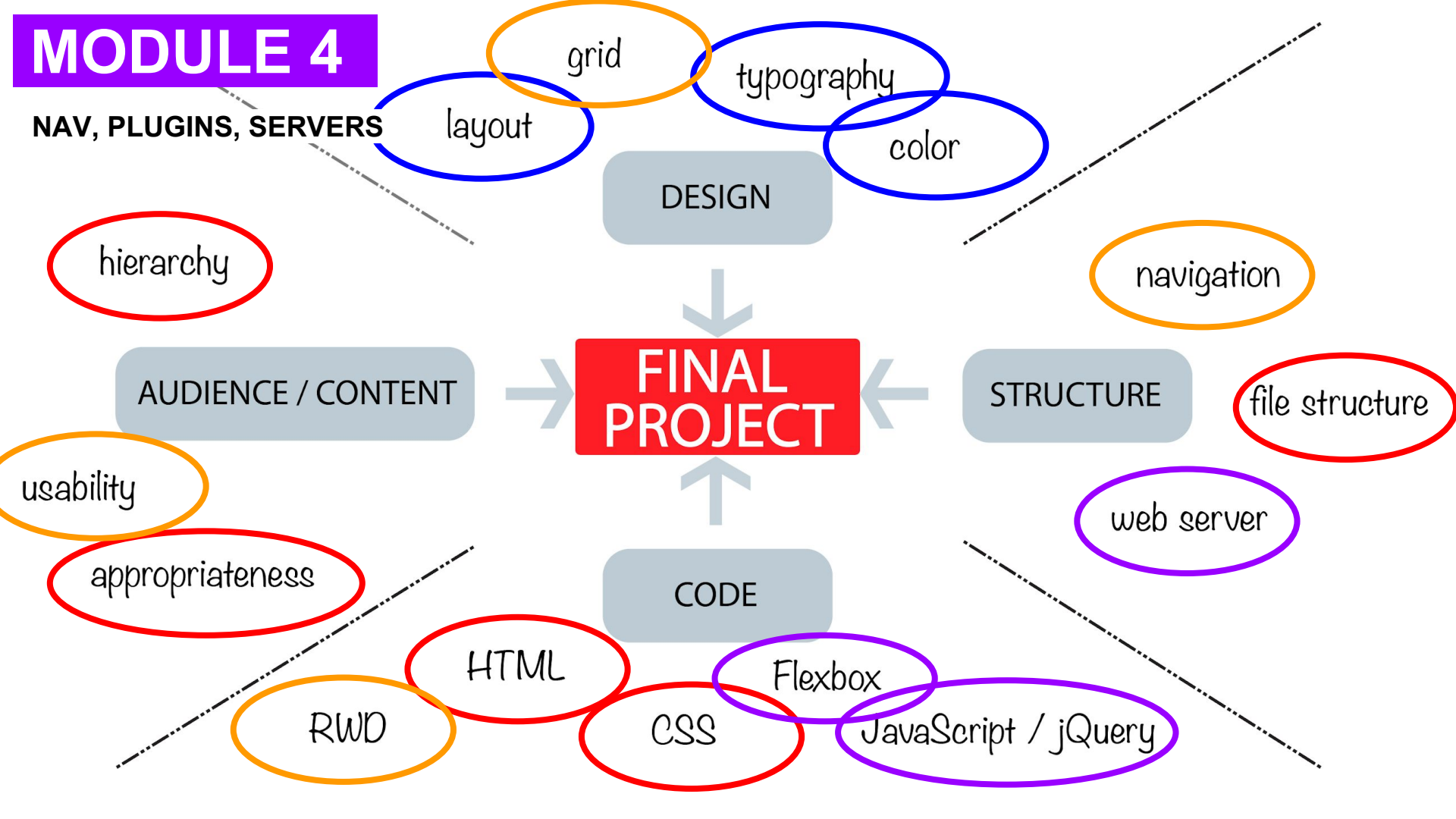
DESIGN




MODULE 3
LAYOUT & USABILITY
grid
typography
layout
color
DESIGN
hierarchy
navigation
AUDIENCE / CONTENT
FINAL PROJECT
STRUCTURE
file structure
usability
web server
appropriateness
CODE
HTML
Flexbox
RWD
CSS
JavaScript / jQuery

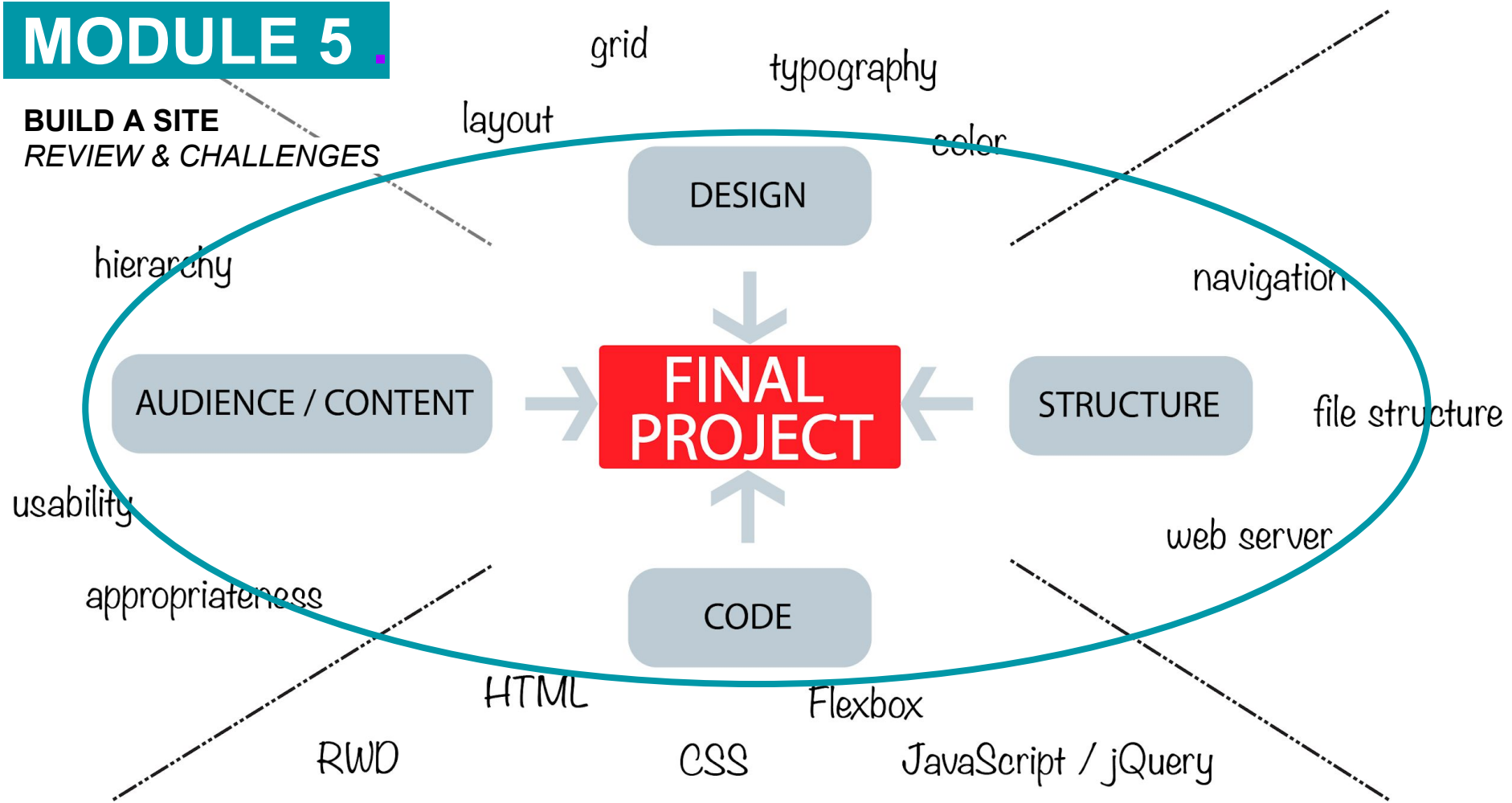
MODULE 4

NAV, PLUGINS, SERVERS



MODULE 5 .

BUILD A SITE
REVIEW & CHALLENGES



How you will be evaluated:

CODING & PROJECT PLANNING / EVALUATION

- Three quizzes on HTML and CSS knowledge (small)
- Four increasingly complicated coding projects (medium)
- Final project design & content plan (medium)
- Final website project with reflection essay (large)

How you will be evaluated: *(cont…)*

EVALUATING WEBSITES / USABILITY

- Participation on key concepts and topics in class (small)
- Exam on the Krug book, a “Krug Kwiz” if you will (medium)
- Website Evaluation / Usability report (2-part project) (large)

Grading

Participation in Lecture and Lab 25%

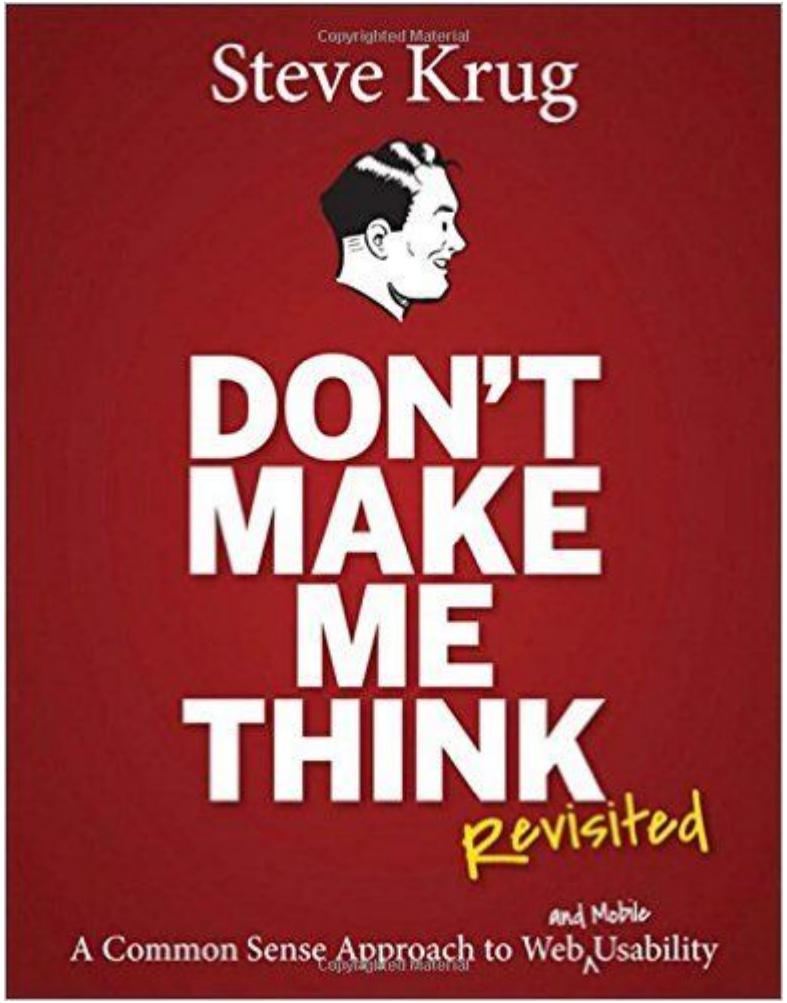
Projects / Quizzes 40%

Final Project & Reflection Essay 35%

Course Book

- Bookstore
- Amazon or B&N
- Kindle / e-reader

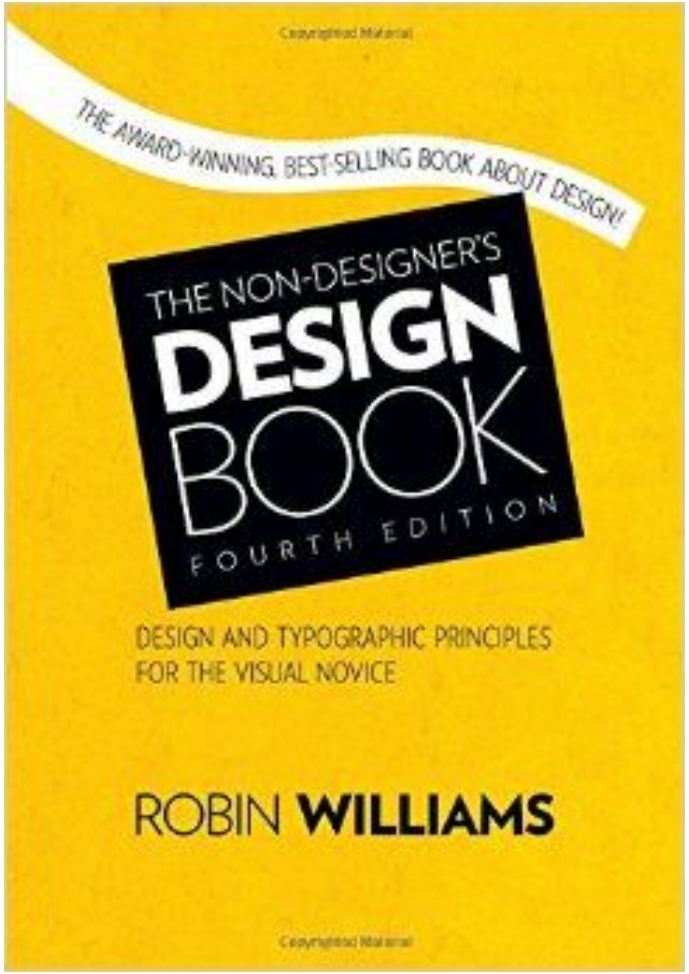
Read this book for an exam and 2-part project due in Module 3.
(middle of the semester)



Additional Resource

- Amazon or B&N

If you don’t have a background in graphic design… if you have never taken a design course before… this is a reasonable start.



Learning Outcomes

1. **RESPOND**: Recognize current industry trends and issues, and discuss the future of the web platform.
2. **PROBLEM SOLVE**: Use computational thinking to solve code construction and web design issues.
3. **CREATE**: Using web standards, write and combine disparate pieces of code into a functional and professional website.
4. **APPLY**: Apply the principles of design, rules of typography and color theory to create an aesthetic and interesting website.
5. **ANALYZE & EVALUATE**: Assess a website for accessibility and usability, then implement changes to improve the user experience.
6. **REFLECT**: Honestly evaluate their work by reflecting on workflow and processes.

Is this course for me?

- Do you have limited to no experience outside of I101 (and perhaps I211) with HTML and CSS, but would like to be able to create a web interface?
- Do you want to be able to better understand web technologies and the essentials required for sites / interfaces on the web?
- Do you have experience, but want to have time this semester to hone your web skills and have a class that allows you to work on a website project?

YES

Is this course for me?

- Did you sign up because you believed this will be an easy course?
  Or a course where you don’t really have to attend?
- Do you want to just learn JavaScript and aren’t interested in web interfaces?
- Would you rather learn from an online service like Code Academy?

NO

Office Hours

611 N Woodlawn Ave

Office hours and contact information is posted in the Syllabus. The AI / UI office hours will begin next week.

If you have questions and cannot make the posted hours, please email one of your instructors to set an appointment.

Your Instructors

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Alturki, Reem (UI)

Castaneda, Maritza (UI)

Gilson, Jack (UI)

Lim, Tasha (UI)

Wilkeson, Ashley (UI)