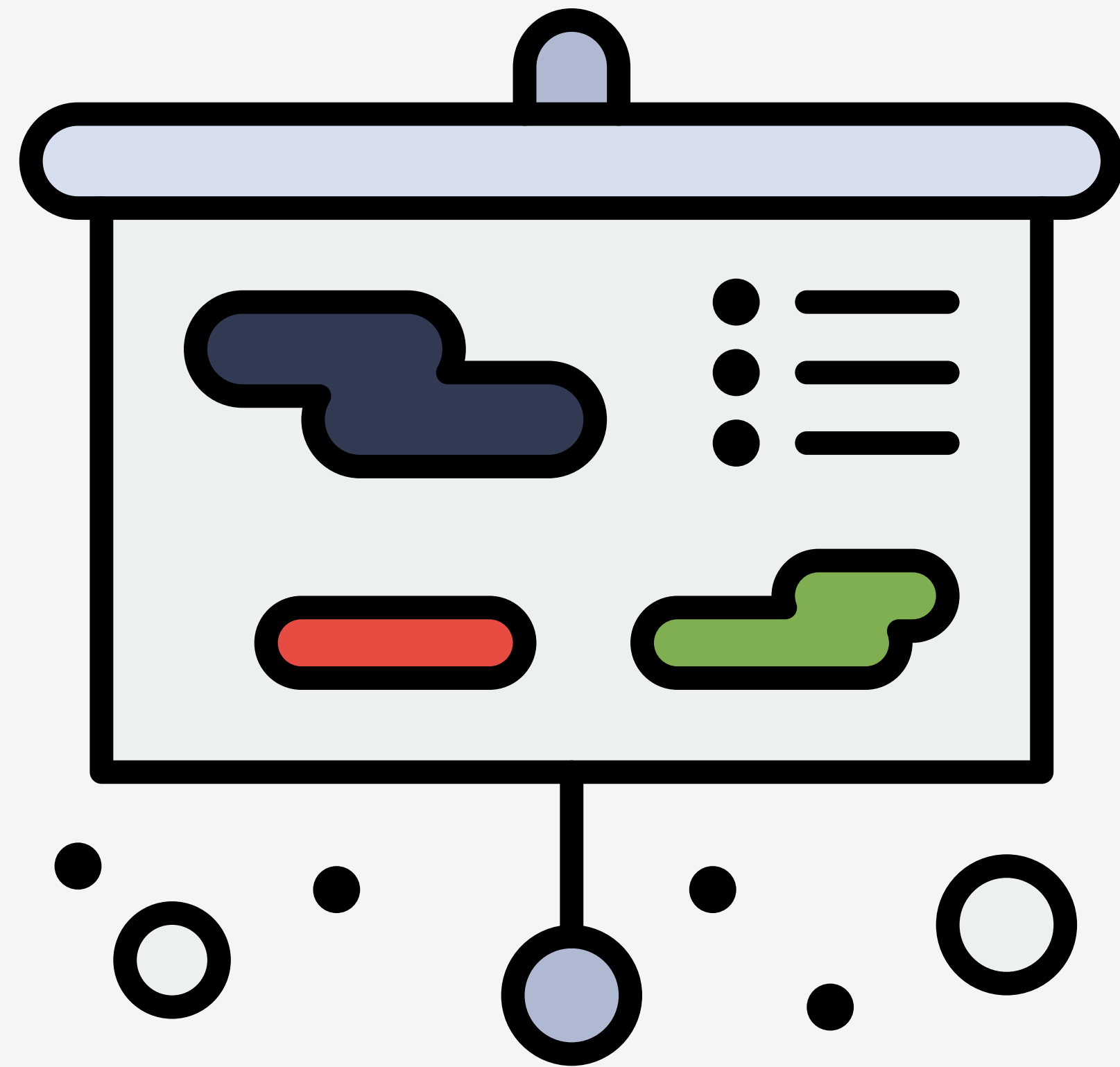

RESPONSIVE WEB DESIGN II

Lecture 1

TODAY'S TOPICS



- Professor Introduction
- Course Introduction
- IMDAC Introduction
- Tools & Services
- Visual Studio Code

ANNOUNCEMENTS



- Sign-in Sheet
- Recordings

MICHAEL EISENBRAUN

(eyes in brown)

MICHAEL EISENBRAUN



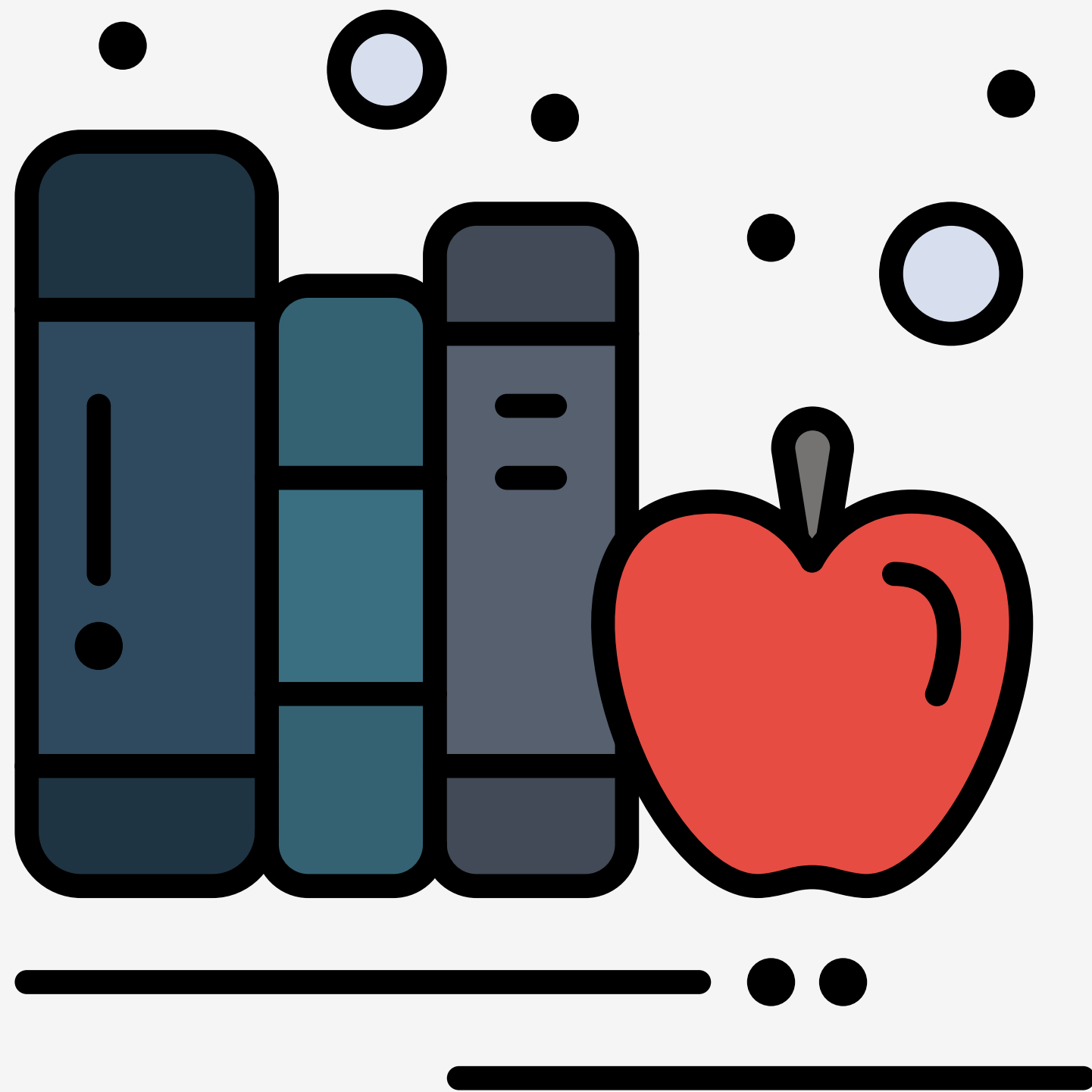
- First web site in 1997
- Graduated from Iowa State in 2005
- First web develop job in 2006
- Started teaching in 2016
- Wife and 3 Kids
- Immigrated to Canada in 2015

COURSE INTRODUCTION

RWD II

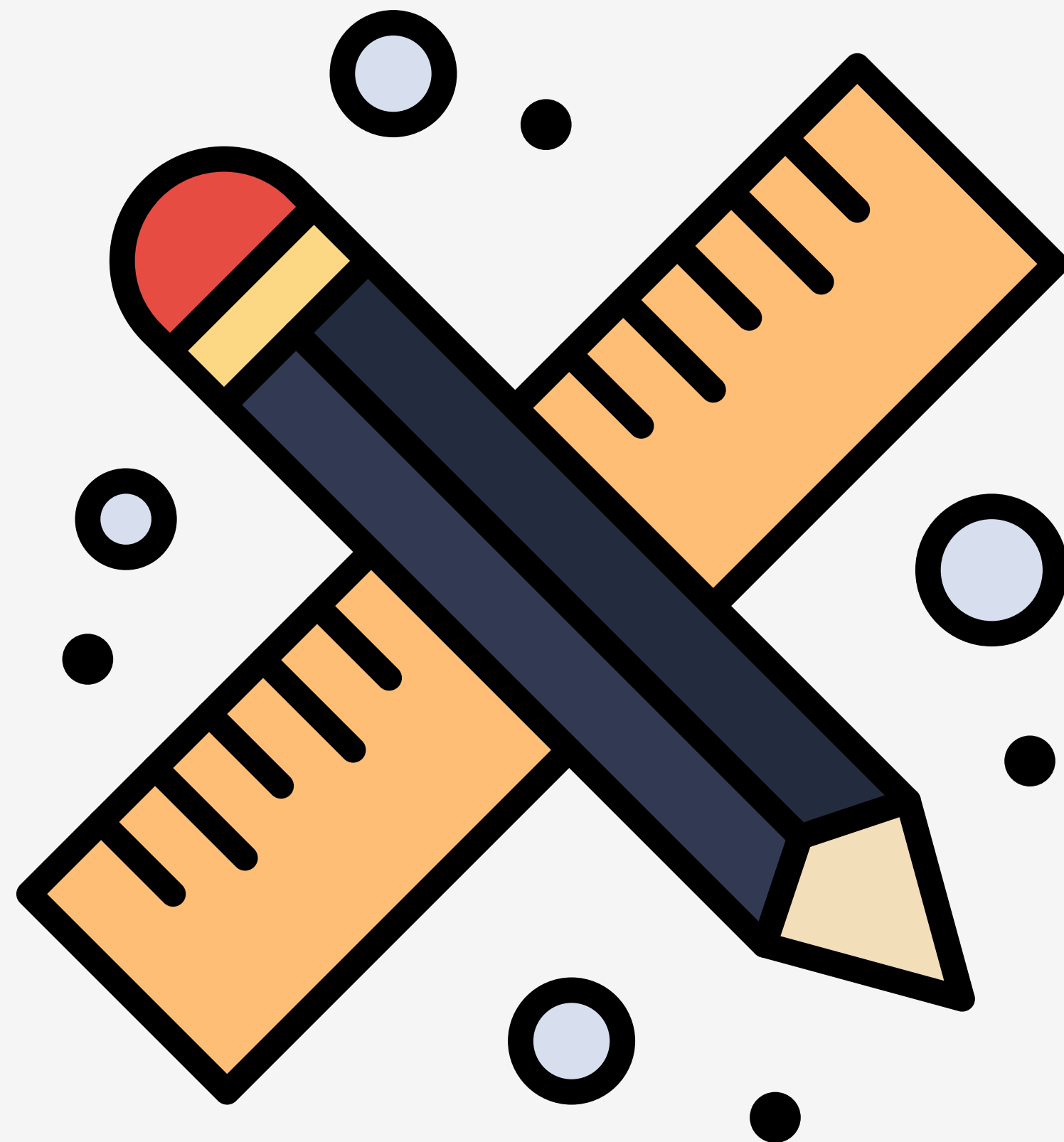


COURSE TOPICS



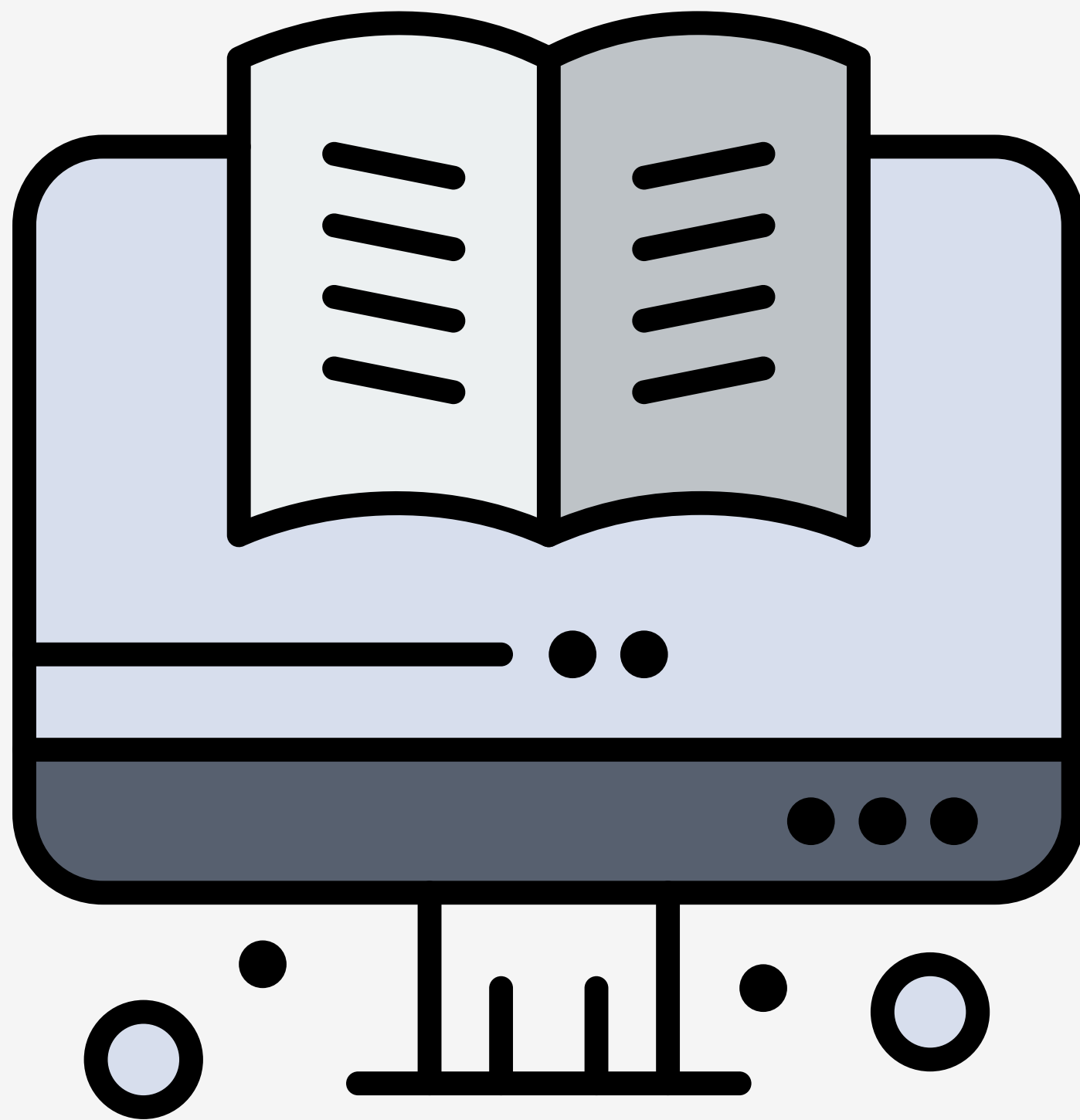
- Cascade and Inheritance
- Flexbox and CSS Grid
- Responsive Images
- CSS Animations
- CSS Management
- Sass
- Bootstrap

ASSIGNMENTS



- 7 - 9 Participation (20%)
- 2 Exercises (20%)
- Midterm Project (30%)
- Final Project (30%)

COURSE CONTENT



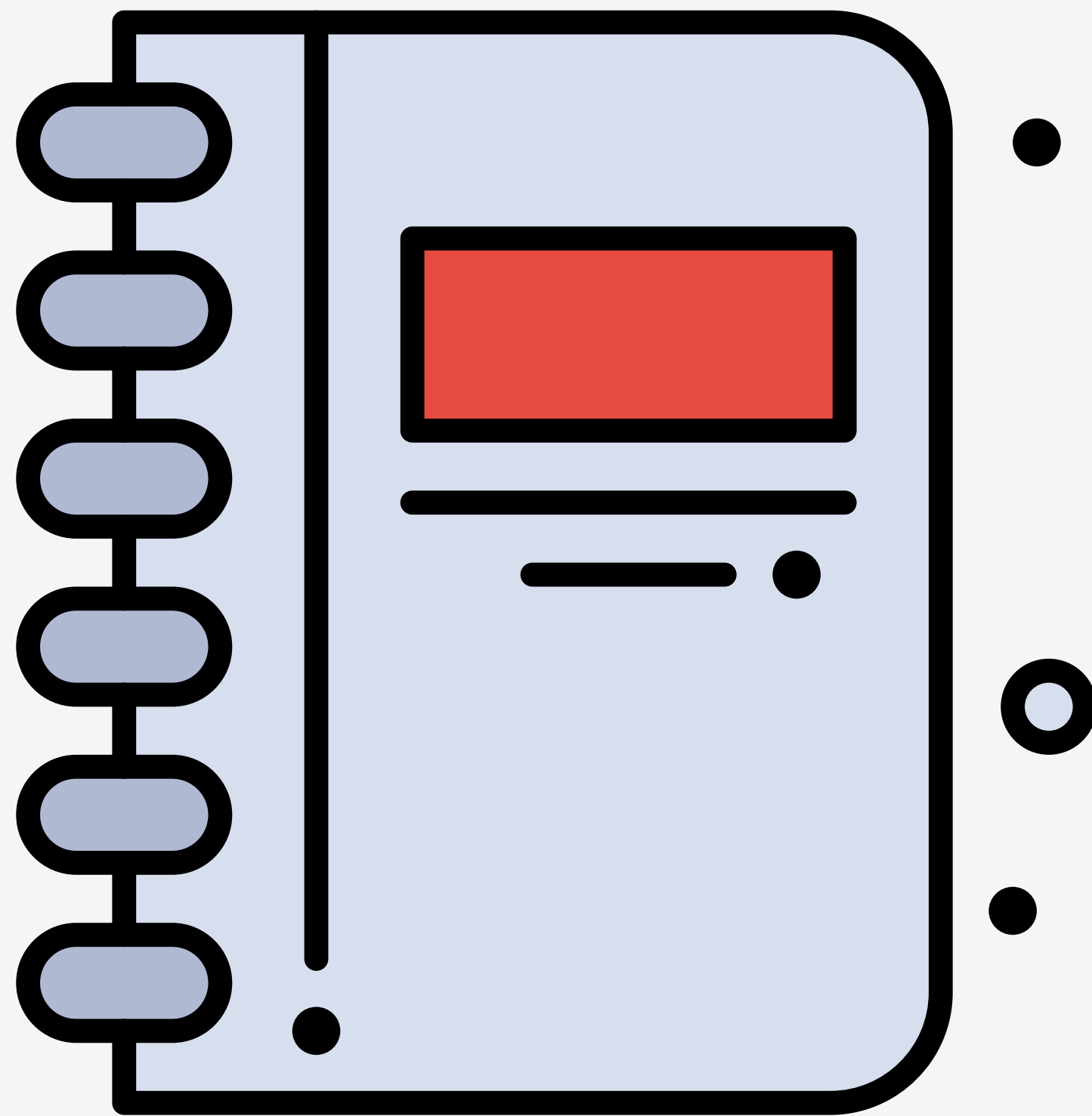
- IMDAC Website is use for content
- BrightSpace is used for submission and grades
- GitHub Pages for site hosting

COURSE STRUCTURE



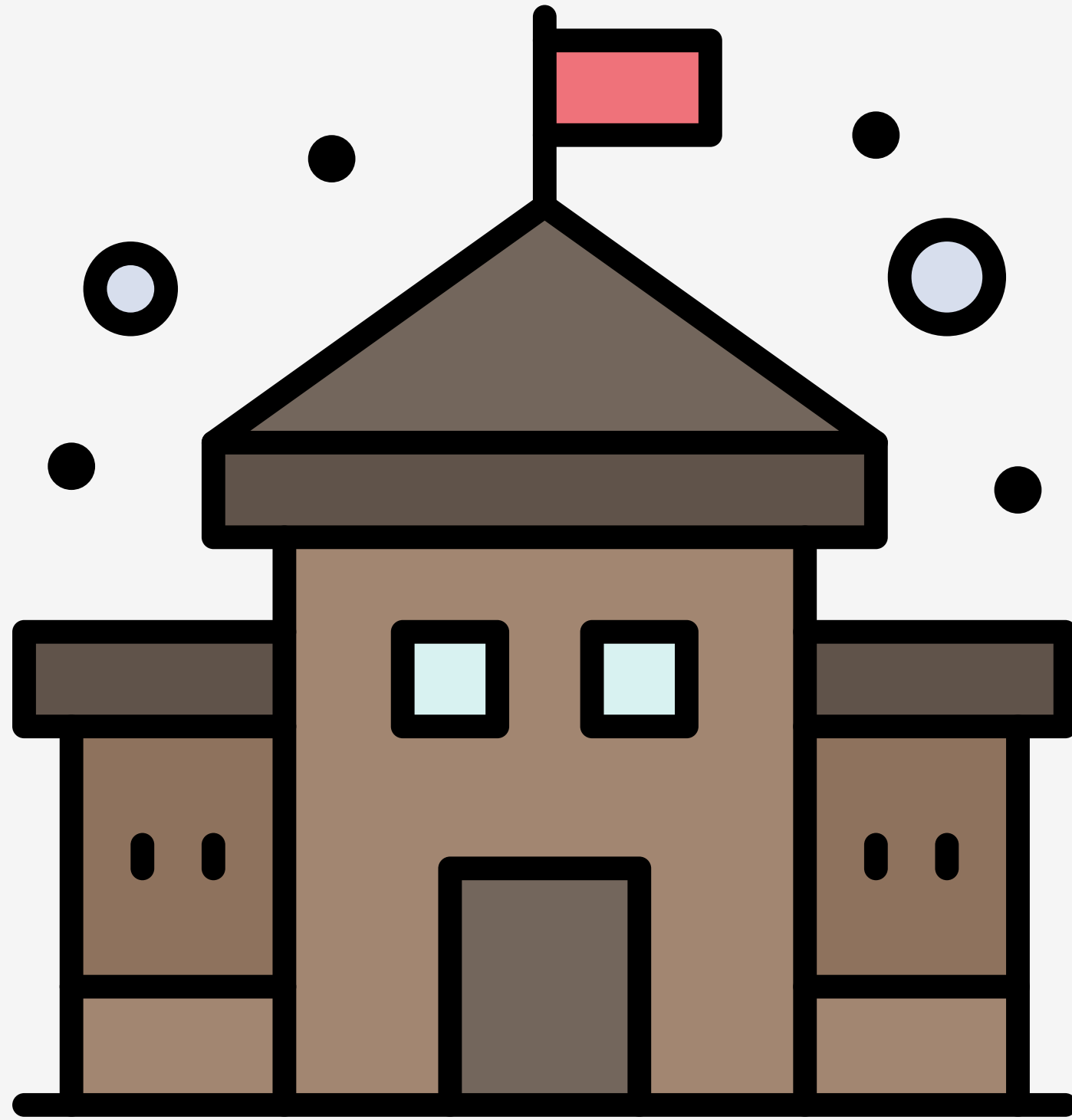
- 14 weeks
- Two classes per week
- First class will focus on theory and practice
- Second class will include hands-on examples and lab
- Slides and recordings will be made available

CLASS TIMES



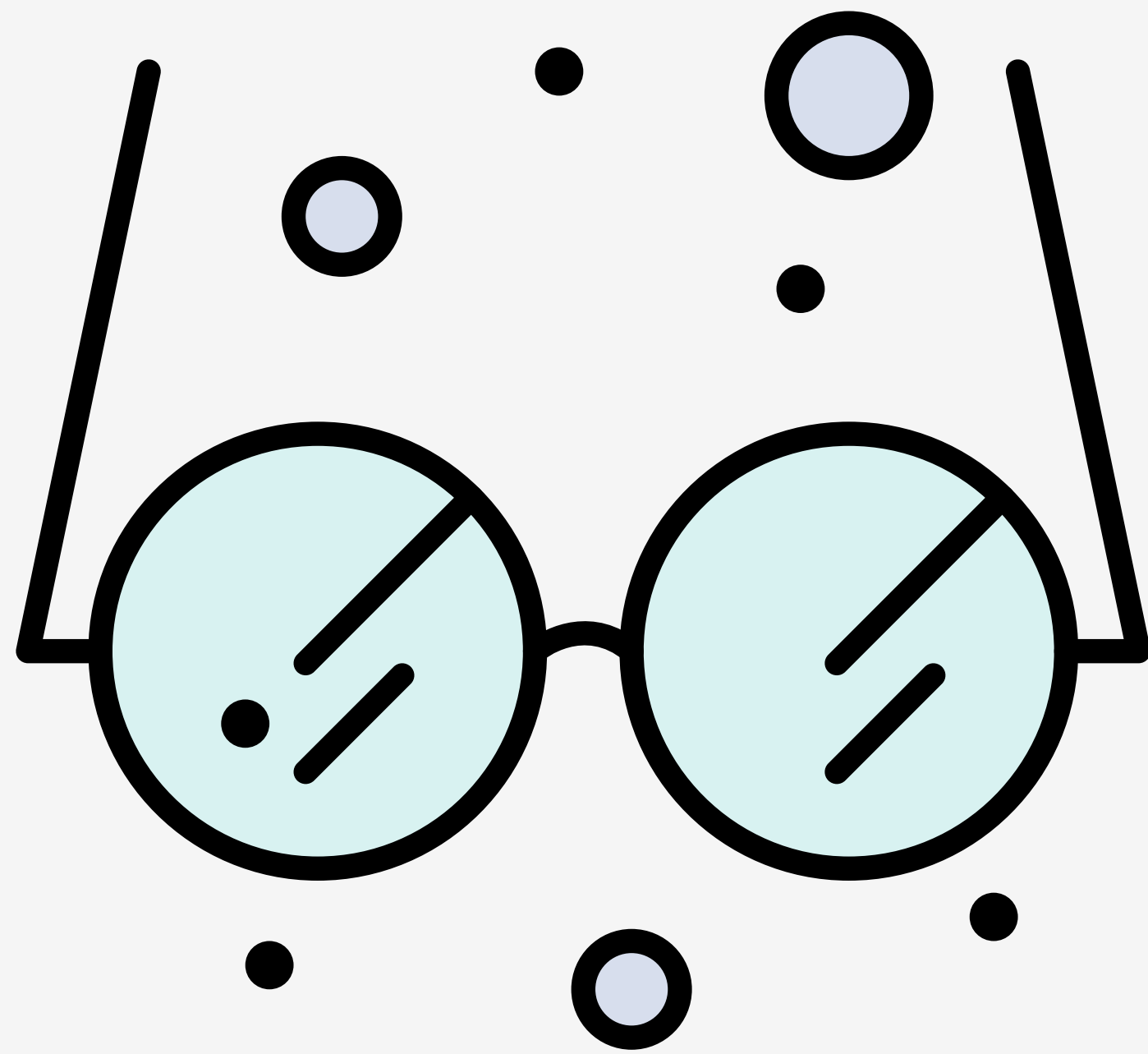
- **Section 010:**
Tue 3:00 PM - 5:00 PM (T229)
Thu 3:00 PM - 5:00 PM (T308)

STUDENT EXPECTATIONS



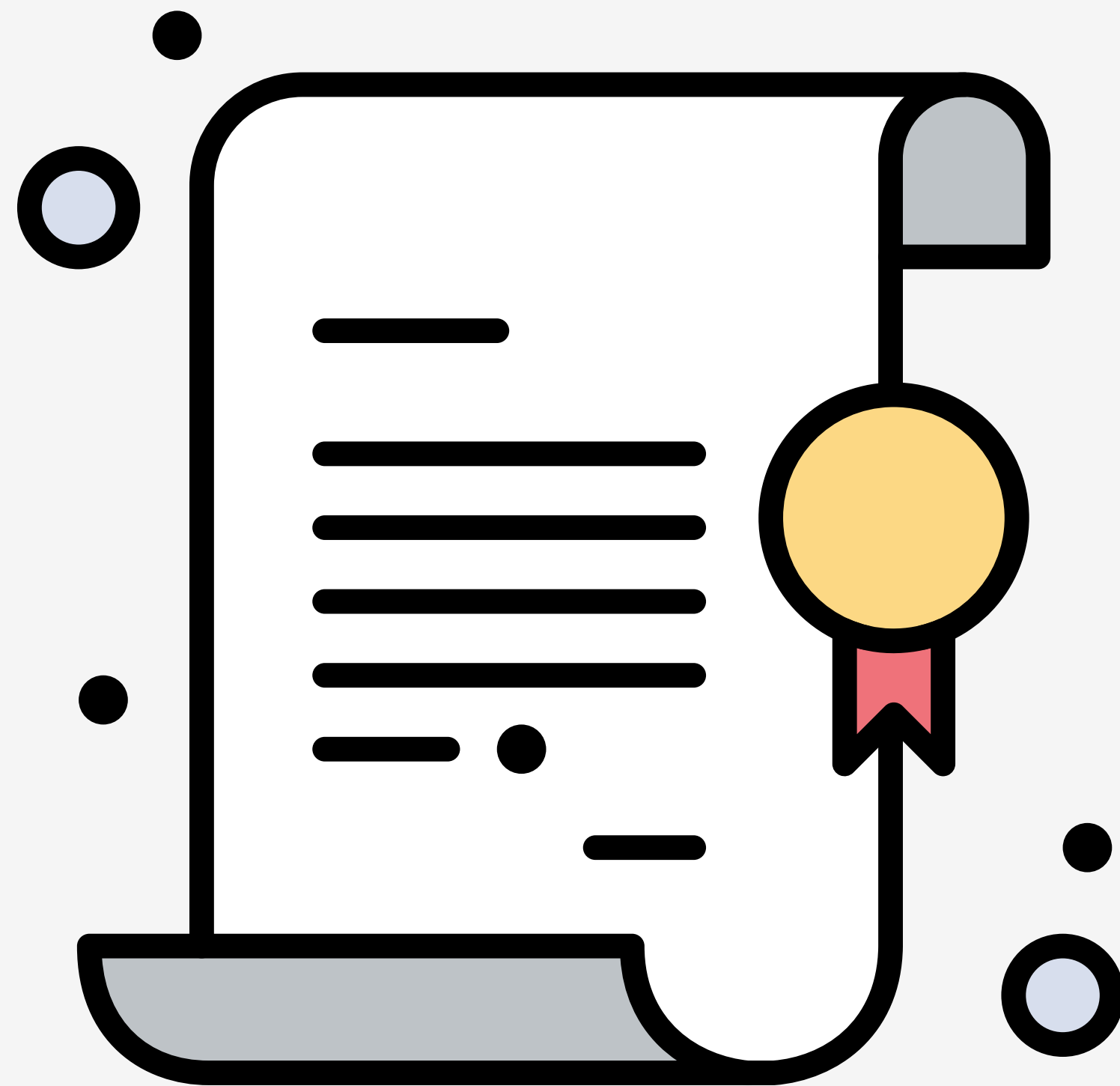
- Do the work
- Do your own work
- Don't be late
- Be respectful

PROFESSOR EXPECTATIONS



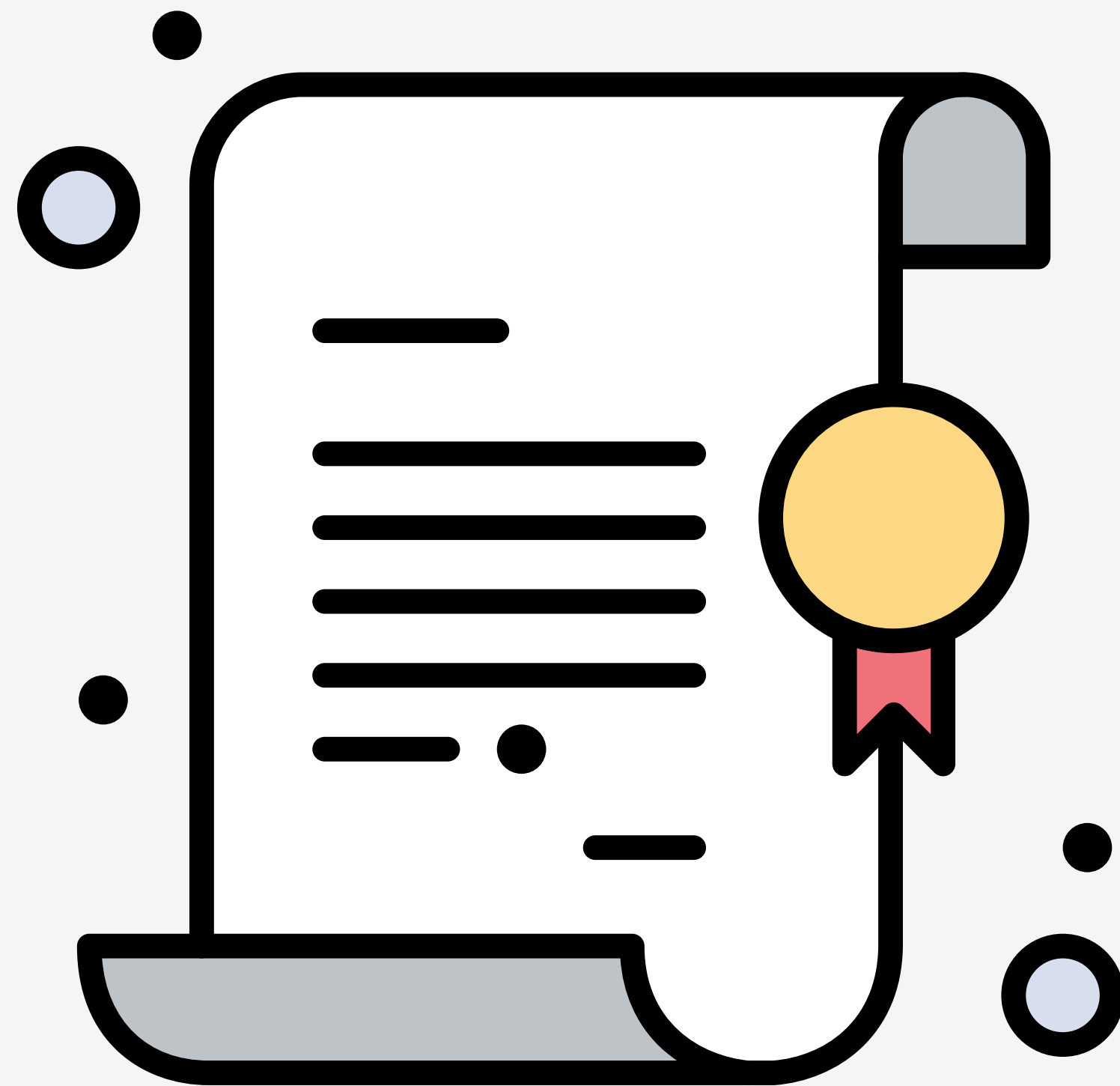
- Provide accurate and timely information
- Be flexible to the needs of the class
- Respond to emails within 48 hours
- Provide feedback within 2 week
- Fair and unbiased grading

PLAGIARISM & REFERENCING CODE



- Plagiarism is submitting someone else's work as your own **WITHOUT** proper reference
- Getting **ANY** code from online resource is considered plagiarism
- Sending or receiving code from a friend or classmate is considered plagiarism
- Working together on a project **MAY** fall under plagiarism

PLAGIARISM & REFERENCING CODE



- Any code that is not entirely your own should be referenced
- **ONLINE:** Include a description of what the code does and the source URL
- **PERSON:** Include a description of what the code does and the name of the person and when help was received
- **EXCEPTION:** Any code provided in class or in course content can be used without reference

IMDAC INTRODUCTION

TOOLS & SERVICES


SERVICES

GITHUB



- Web hosting service for remote Git repositories
- Integrates professional collaboration tools
- Social network for developers and content creators
- **SIGN-UP:** Use your Algonquin username and email

GITHUB

 Why GitHub? ▾ Business Explore ▾ Marketplace Pricing ▾

Search GitHub / Sign in Sign up

Built for developers

GitHub is a development platform inspired by the way you work. From **open source** to **business**, you can host and review code, manage projects, and build software alongside 31 million developers.

Username

abcd0001 ✓

Email

abcd0001@algonquinlive.com ✓

Password

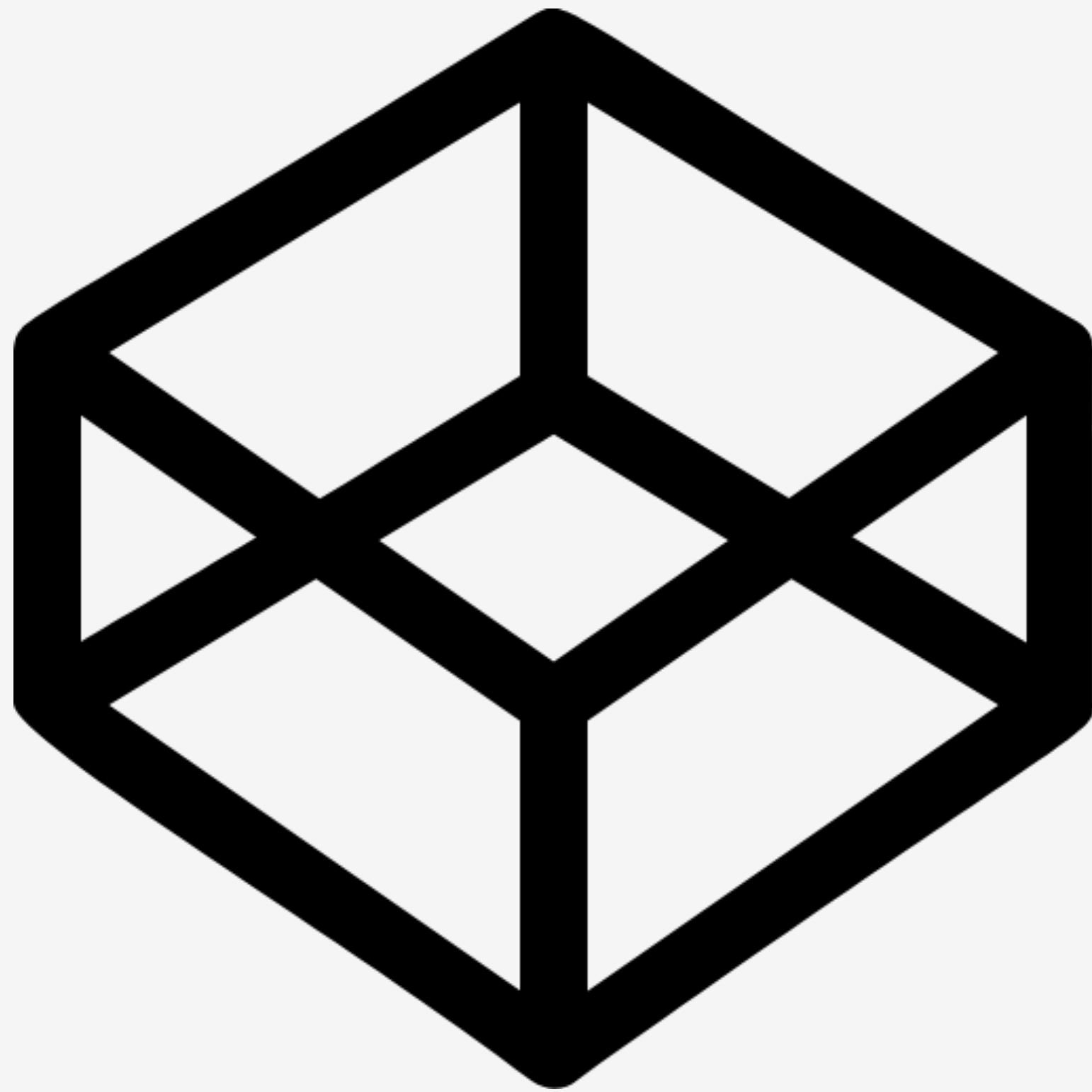
.....

Make sure it's more than 15 characters OR **at least 8 characters including a number and a lowercase letter.**
Read our documentation on [safer password practices](#).

Sign up for GitHub

By clicking "Sign up for GitHub", you agree to our [terms of service](#) and [privacy statement](#). We'll occasionally send you account related emails.

CODEPEN



- Social development environment for front-end development
- Great for prototyping and experimentations
- In-class practice examples
- Login with your GitHub account

CODEPEN

CODEPEN

Create ▾Explore ▾

Q

Sign Up

CODEPEN

Log in!

USERNAME OR EMAIL

PASSWORD

Log in

Forgot Password?

OR

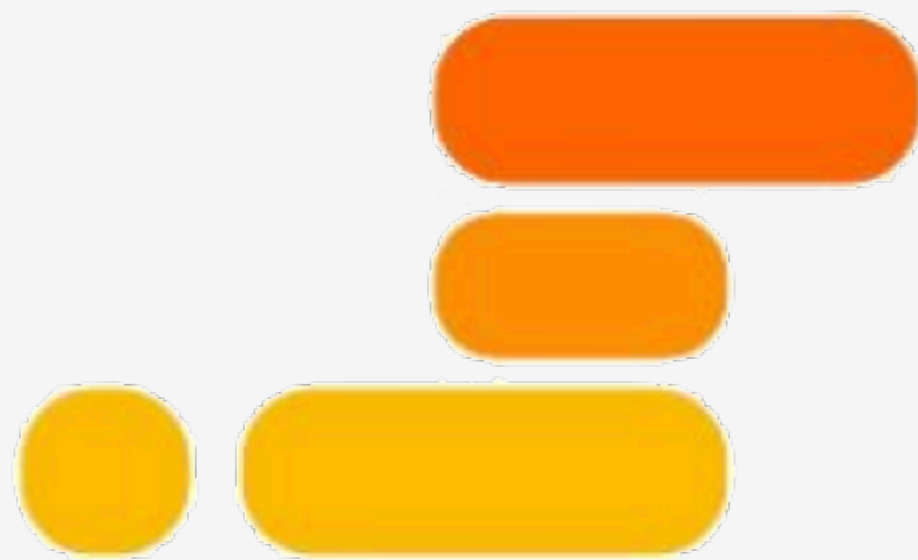
Log In with Twitter

Log In with GitHub

Log In with Facebook

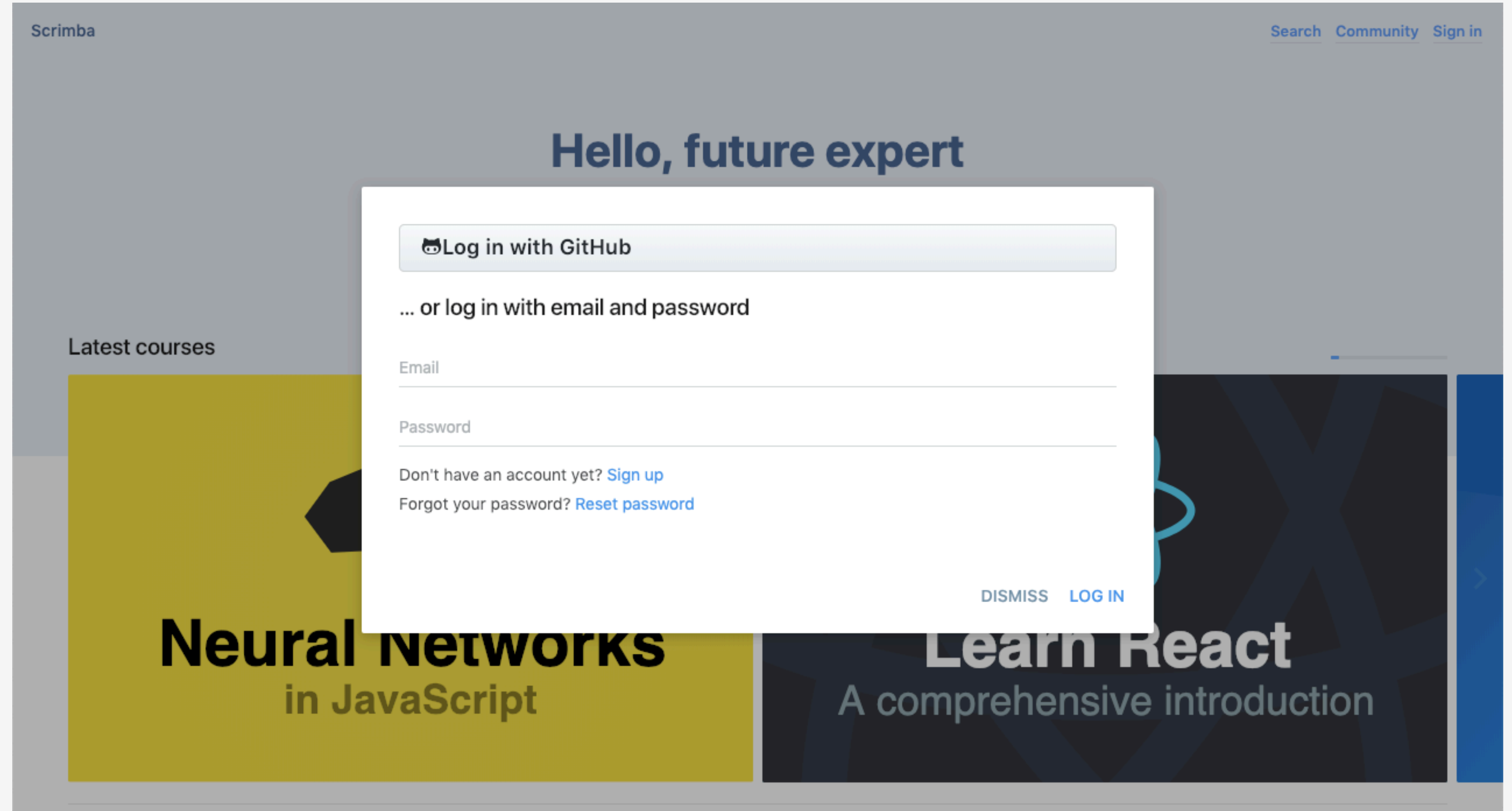
Need an account? [Sign up now!](#)

SCRIMBA



- A "new" educational platform for learning coding
- Uses interactive screencast that allow the view to pause and interact with the code
- Many courses are free
- Login with your GitHub account

SCRIMBA



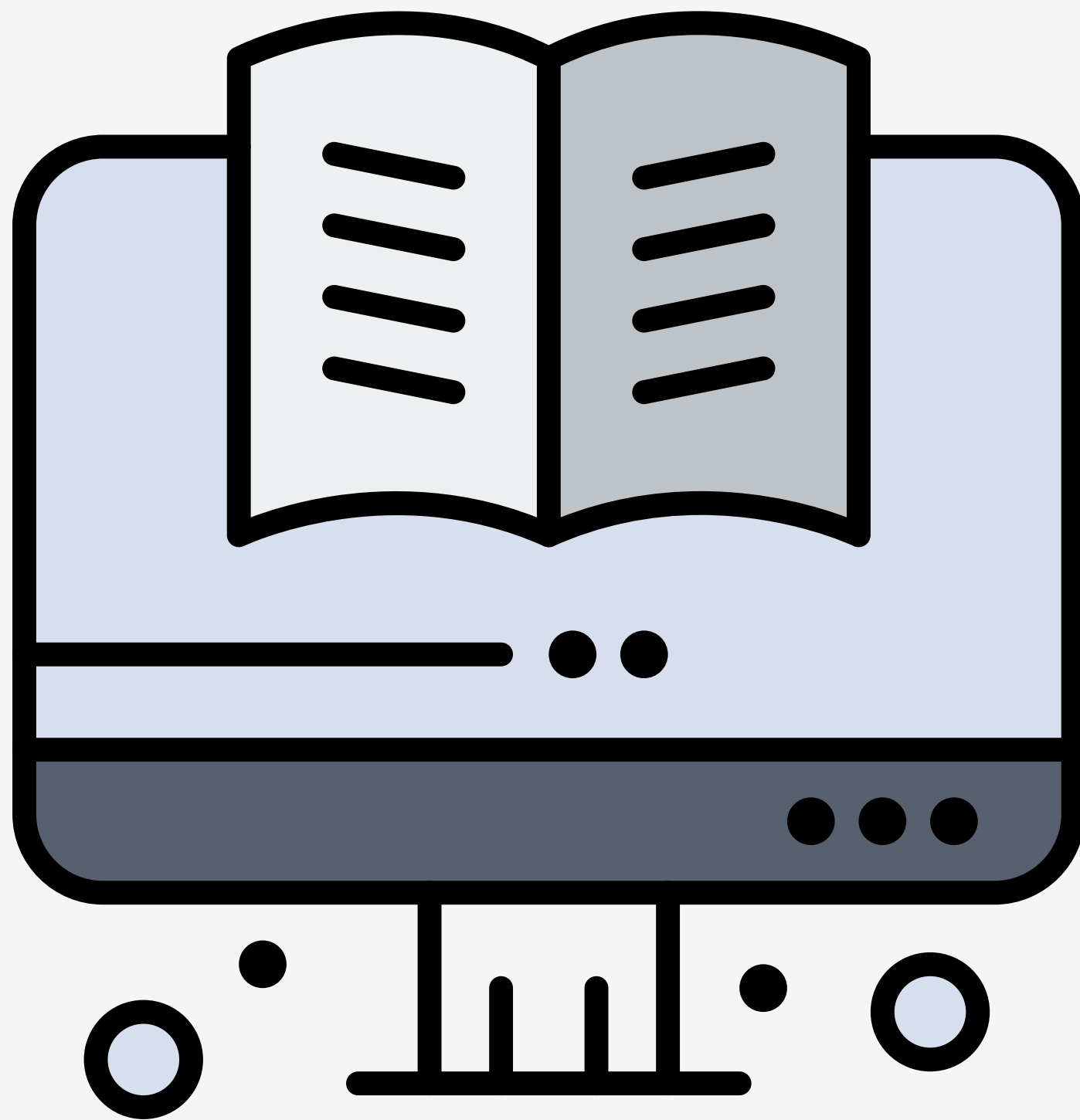
LINKEDIN LEARNING

- Formally Lynda.com
- Massive library of online courses
- All Algonquin College students get full access to LinkedIn Learning



TOOLS

GIT & NODE



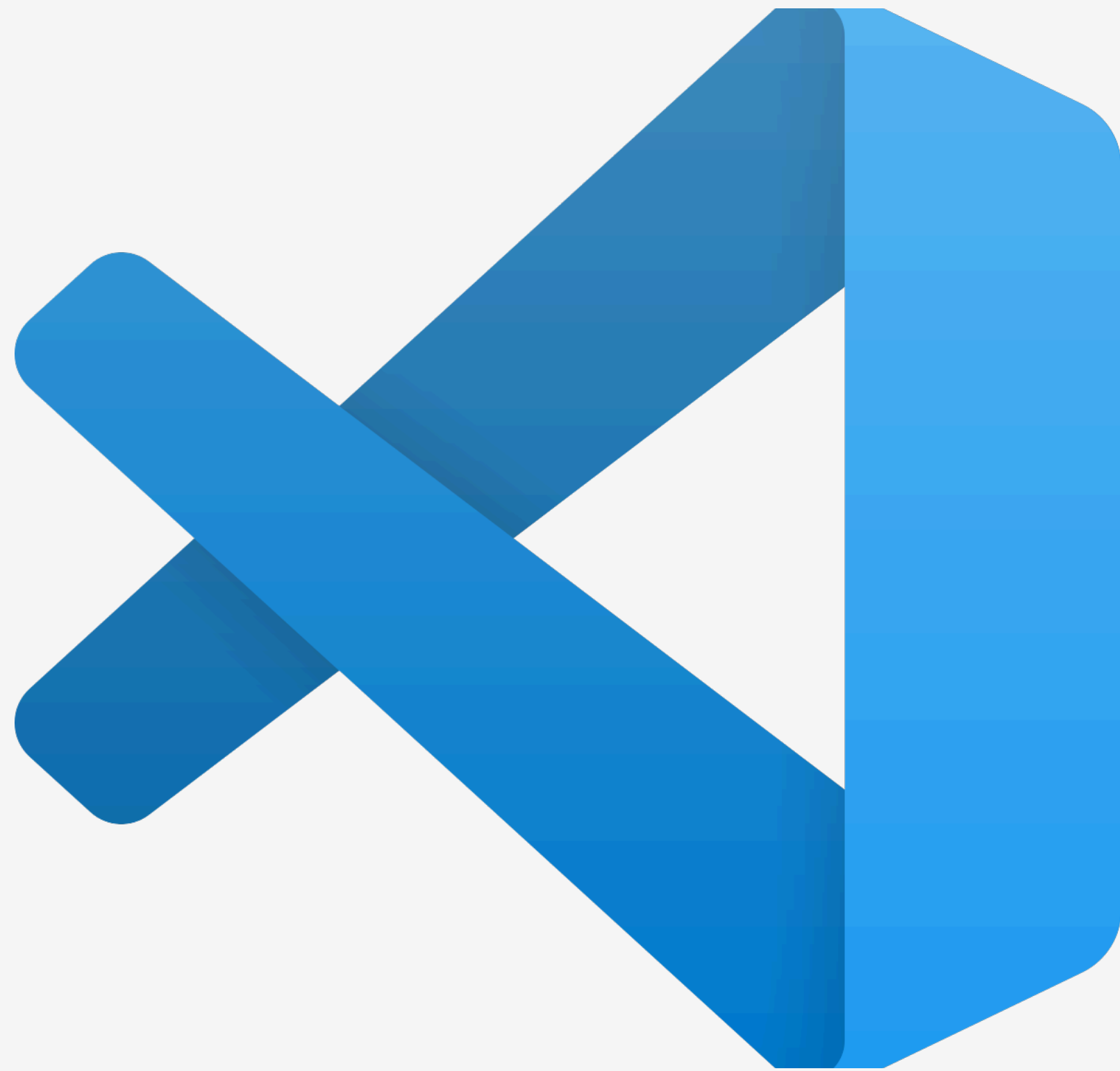
- **Git** & **Node** are CLI applications
- **Git** is a versioning control system
- **Node** is server-side JavaScript runtime
- **NPM** is the largest library of open source packages

VISUAL STUDIO CODE



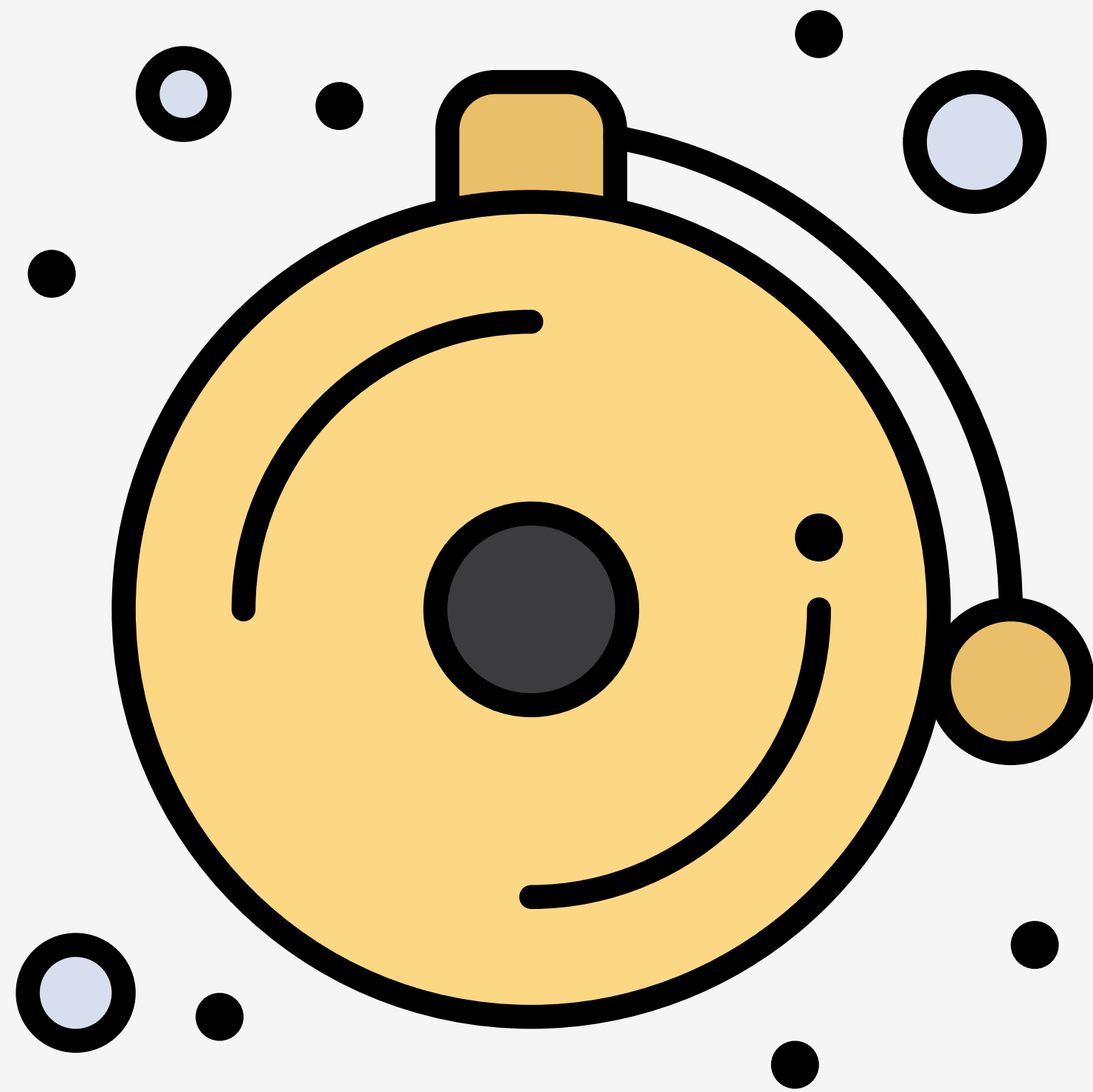
- Created and Maintain by Microsoft
- Free and Open Source
- Available for Windows, macOS and Linux
- Rapid development schedule
- Extensive extensions library
- Large and growing community

VISUAL STUDIO CODE



- Command Palette
- Quick Open
- Side by Side Editing
- Multi-cursor Editing
- Integrated terminal
- Integrated source control

NEXT TIME...



- Git & GitHub
- GitHub Pages
- **Participation:** GitHub Pages