

COSC 5/4735, Advanced Mobile Programming

Spring 2025

Instructor: James Ward  
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Office Hours: TBA and by Appointment

Grading: Grades will be based on the percentage listed below and a curved at the end of the semester. There will be no extra credit.  
Homework 89%  
Project/Presentation 11%

Lecture Course Web page: <http://www.eecs.uwyo.edu/~seker/>

Texts:

Optional:

Web Development with Node & Express 2nd, Ethan Brown

Distributed Systems with Node.js, Thomas Hunter II

Flutter & Dart Cookbook, Richard Rose

Learning Web App Development, Semmy Purewal

Prerequisites:

COSC 2030

Homework:

Programming or homework assigned in lecture will be due at 5pm on the date listed for each assignment, unless otherwise specified Late submissions will be accepted for a period of 24 hours after it is due, with a 20% late penalty. The deduction will not count with a university excused absence. DO NOT TURN HOMEWORK INTO THE EECS OFFICE.

**There WILL be homework due for credit during the last week of class.**

Topics:

- JavaScript and Node.js
- Web development with node.js
- Express and more plugins.
- Database access and Firebase
- Dart and Flutter for cross-platform app development

Please see the Syllabus addendum for additional information.