

CSCI-430 Server-side Development
Course By Appointment
Syllabus
Spring 2025

Course Description

This course covers servers-side web application development. Students will learn to set up a development server and develop web application servers that incorporate database connectivity and user authentication, and that provide RESTful APIs. Topics also include web protocols and security issues.

Lecture notes and links to online resources for this class will be provided by the instructor. The instructor will not hold lectures in this course. Students are expected to learn the material on their own, similar to an Independent Study. Each week the instructor will assign a programming assignment that will be due at the next meeting. At the following meeting students will demonstrate their solutions and the instructor will evaluate their work.

Instructor

Eric McGregor, Ph.D.
Office: McKinney Center, Room 243

Email: rmcgregor@bridgewater.edu
Phone: 540.828.5754

Office Hours: Posted outside McKinney 243, or by appointment.

Meeting Times: TBD - We will meet weekly at a time that all students and I are available.

Course Materials

JavaScript: The Definitive Guide (Optional)
David Flanagan
7 Edition
9781491952023

Course Website: <http://n0code.net/work/teaching/courses/csci430/spring2025>.

Grading

During this course you will be evaluated on the work you demonstrate at our weekly meetings. There are no exams in this course.

Demonstrations	90%
Meeting Attendance	10%

Course and Classroom Policies

‘Course and Classroom Policies, Spring 2025’ can be found on the course webpage.

This syllabus may be adjusted throughout the course at the discretion of the instructor.