

## Course Syllabus Part II

### WEB 340 Node.js

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#### Course Resources

**Course Text:**

Pragmatic NodeJS; Richard Krasso; First Edition;

Textbook included with the course material.

**Required Resources:**

N/A

**Supplemental (not required) Resources:**

N/A

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#### Course Schedule

Weeks	Topics Covered	Readings	Assignments
1	Introduction to Node.js	<ul style="list-style-type: none"><li>Chapter 1</li></ul>	<ul style="list-style-type: none"><li>Discussion Board 1.1</li><li>Assignment 1.2</li><li>Assignment 1.3</li><li>Quiz 1.4</li></ul>
2	Module System and Diagnostics	<ul style="list-style-type: none"><li>Chapter 2</li></ul>	<ul style="list-style-type: none"><li>Discussion Board 2.1</li><li>Assignment 2.2</li><li>Quiz 2.3</li></ul>
3	Error Handling and Unit Testing	<ul style="list-style-type: none"><li>Chapter 3</li></ul>	<ul style="list-style-type: none"><li>Discussion Board 3.1</li><li>Assignment 3.2</li><li>Quiz 3.3</li></ul>
4	Node Event System	<ul style="list-style-type: none"><li>Chapter 4</li></ul>	<ul style="list-style-type: none"><li>Discussion Board 4.1</li><li>Assignment 4.2</li><li>Quiz 4.3</li></ul>

Effective Date of Syllabus: 10/31/2024

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Weeks	Topics Covered	Readings	Assignments
5	Process and OS	<ul style="list-style-type: none"> <li>Chapter 5</li> </ul>	<ul style="list-style-type: none"> <li>Discussion Board 5.1</li> <li>Assignment 5.2</li> <li>Quiz 5.3</li> </ul>
6	HTTP	<ul style="list-style-type: none"> <li>Chapter 6</li> </ul>	<ul style="list-style-type: none"> <li>Discussion Board 6.1</li> <li>Assignment 6.2</li> <li>Quiz 6.3</li> </ul>
7	Buffers and Streams	<ul style="list-style-type: none"> <li>Chapter 7</li> </ul>	<ul style="list-style-type: none"> <li>Discussion Board 7.1</li> <li>Assignment 7.2</li> <li>Quiz 7.3</li> </ul>
8	File System	<ul style="list-style-type: none"> <li>Chapter 8</li> </ul>	<ul style="list-style-type: none"> <li>Discussion Board 8.1</li> <li>Assignment 8.2</li> <li>Quiz 8.3</li> </ul>
9	Child Processes	<ul style="list-style-type: none"> <li>Chapter 9</li> </ul>	<ul style="list-style-type: none"> <li>Discussion Board 9.1</li> <li>Assignment 9.2</li> <li>Quiz 9.3</li> </ul>

### Grade Breakdown/Criteria

#### Grade component

9 Discussion Board

9 Assignments

9 Quizzes

1 Assignment

#### Available points

40 pts. each, total of 360 pts.

60 pts. each, total of 540 pts.

10 pts. each, total of 90 pts.

10 pts.

Total points possible 1,000 pts.

### **Late Work**

Pay close attention to the due dates of the gradable items in this course. Late work is generally not accepted unless prior arrangements are made with the instructor and fall within the special circumstances category. It is very important to keep up with your work and with your participation in the course. The instructor has the right to not accept late work.

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### **Participation**

Students are expected to login often and contribute to the class on a regular basis, including posting to the discussion board, submitting assignments, and participating in group activities as required. If you have specific participation requirements related to your educational funding or student status, you are expected to monitor your own participation to ensure you are in compliance with those requirements.

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### **Resources**

AI-based tools may be used as resources for assignments. Students must not violate copyright or intellectual property laws. When completing assignments, all resources should be cited, including AI-based tools. Resources should be used to support and validate your assignments, not to complete the assignment in total.

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### **Expectations for Students**

- Students should expect to spend approximately 10-12 hours per week to complete the activities and assignments in this course.
  - Students will log in as often as needed to complete their assignments and progress through the course.
  - Students will treat their classmates and the instructor with respect and courtesy.
  - Students are responsible for keeping current with the reading assignments and coming to class prepared to discuss the work assigned.
  - Students are responsible for knowing what assignments are due and when.
  - Students will submit only their own work and will not commit plagiarism or other acts of academic dishonesty.
  - Students will contact the instructor as soon as personal problems arise that may affect the student's ability to complete assignments on time.
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### **Expectations for Faculty**

- The instructor will treat all students with respect and courtesy.
- The instructor will make grading criteria clear and follow the criteria scrupulously in evaluating student work.

- The instructor will provide feedback about student work within 6 days of due dates (or 24 hours prior to the next due date)—feedback that helps the student learn and improve. •  
The instructor will respond to all student phone and email messages within 48 hours.

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### **Communications with the Professor**

Instructor contact information is in the **Instructor Info** area of the course.

Good communication is always a key to success in education. Please use the discussion boards for general questions about course or assignments. If you have a question, then it is likely other students have similar questions. A discussion posting is roughly the equivalent of raising your hand in the classroom. Tip: Start a new thread and use the word 'question' or 'help' in the subject line. If you have a personal question, suggestion, or a problem to resolve, then use email to contact your instructor.

I look forward to the class, and I look forward to working with you and your fellow classmates as we learn more about how this area applies to Web Development.

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