Meeting hours: Tuesday and Thursday 3:00pm to 4:15pm

Meeting location: Dragas Hall 1102

Instructor

Dr. Andrey Chernikov
Office: ECS 3311A, email: achernik@cs.odu.edu, phone: 757-683-7732
Office hours: Tuesday and Thursday 10:50am – 12:50pm and by appointment

Course Information


Current course information and assignments: https://www.blackboard.odu.edu (check frequently)

Course objectives:
• to learn basic techniques for parallelizing sequential algorithms
• to master the complexity analysis of parallel algorithms
• to practice implementing, evaluating, and analyzing parallel software

Prerequisites:
• familiarity with basic algorithms and data structures
• ability to use an imperative-style programming language (C/C++ is recommended)
• desire to learn
• willingness to work hard


Grading

Weights of assignments

• 80% all homeworks including programming assignments (to be given regularly every one or two weeks)
• 20% take-home final exam
• 10% extra credit challenge problems will be given later in the semester

Your final percentage score will be computed as follows:

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\text{final score} = \frac{\text{your total homework score}}{\text{maximum total homework score}} \times 80 + \frac{\text{your final exam score}}{\text{maximum final exam score}} \times 20 + \frac{\text{your total challenge problem score}}{\text{maximum total challenge problem score}} \times 10.
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Policies

- All assignments will be published and submitted through the Blackboard system. No other medium will be accepted, unless you obtain my prior permission.
- Late homeworks (including programming assignments) will be accepted without penalty only under unforeseen and unavoidable circumstances such as illness, accompanied by a documented evidence (e.g., doctor’s note). I strongly recommend to start working on your assignments early.
- The penalty for late submission is 20% per day. For example, after two days you will receive only 60% of the assignment’s grade.
- You can either type or handwrite your assignments. However, appeals of low grades based on misread handwriting will not be accepted. Please use the portable document format (pdf) for submission.
- Your writing must be clear and concise. Points will be taken off for unnecessarily wordy or incomprehensible solutions.
- You must work on all assignments individually, unless explicitly stated otherwise. You cannot ask any person, except me, for help with solving your assignments.
- You cannot share any code or data.
- All code must be written by you.
- You are free to consult the internet and any printed materials. All sources used in your answers, except the textbook, must be cited. If you need to quote a cited source verbatim, use quotation marks and indentation.
- You can ask others for help with setting up your computing environment and standard software, such as compilers, word processors, and standard libraries.
- Class attendance is not factored into the grade; however, it is very important for the understanding of the material.
- You are free to propose a challenge problem that you like, but you need to obtain my approval before starting working on it.
- You must be familiar with and abide by the University Honor Code: https://www.odu.edu/about/monarchcitizenship/student-conduct/code.

Disability

Old Dominion University is committed to ensuring equal access to all qualified students with disabilities in accordance with the Americans with Disabilities Act. The Office of Educational Accessibility (OEA) is the campus office that works with students who have disabilities to provide and/or arrange reasonable accommodations. If you experience a disability which will impact your ability to access any aspect of my class, please present me with an accommodation letter from OEA so that we can work together to ensure that appropriate accommodations are available to you. If you feel that you will experience barriers to your ability to learn and/or testing in my class but do not have an accommodation letter, please consider scheduling an appointment with OEA to determine if academic accommodations are necessary. The Office of Educational Accessibility is located at 1021 Student Success Center and their phone number is (757)683-4655. Additional information is available at the OEA website: http://www.odu.edu/educationalaccessibility/