Math 2440/D642– Discrete Structures and Algorithms I
Fall 2018

PROFESSOR: N. Corina Calinescu, PhD
OFFICE: N426
E-MAIL: ccalinescu@citytech.cuny.edu
WEB PAGE: http://websupport1.citytech.cuny.edu/Faculty/ccalinescu/

LECTURE: Monday and Wednesday 12:00-1:40 pm in N-601B

OFFICE HOURS: Tuesday, 1:00-2:00 pm, Wednesday, 11:00 am -12:00 pm, and by appointment in my office N426.

PREREQUISITES: MAT 1375 or higher, and CST 1201 or CST 2403

TEXTBOOK: Discrete Mathematics and Its Applications, 7th edition, K. Rosen

EXAMS: There will be three one-hour exams and a final. The final exam is a full period examination given on the last class meeting of the semester.You must take the final to pass the course. No student will be allowed to take the final exam early. Exams start at the beginning of the period. No extra time is given for students who arrive late. No make-up exams. Unless a valid excuse (medical, or university related travel) is presented in advance, a missed exam will receive the score 0. Personal travel is not a valid excuse. If a student misses an exam for a valid reason and provides written notification from the university, that percentage of the grade may be made up on the final. No books or notebooks are allowed during the exams.
  • Exam I – Wednesday, September 26 – from the topics covered up to and including the session before the Exam I day
  • Exam II – Wednesday, October 24 – from the topics covered after Exam I and up to and including the session before Exam II day
  • Exam III – Monday, November 19 – from the topics covered after Exam II and up to and including the session before Exam III day
  • Final Exam – Wednesday, December 19– it covers all topics studied

HOMEWORK, QUIZZES, PROJECTS: The syllabus and list of homework problems can be found on
    http://www.citytech.cuny.edu/mathematics/docs/courses/MAT2440.pdf
    Students should do all the homework problems. The homework is not collected. Two quizzes will be given at dates to be announced in the class. Projects will be assigned during the semester.

EVALUATION: There are 515 points in this course (15 points are extra credit).
   - Three one-hour exams worth 100 points each (300 points in total);
   - Final exam worth 150 points;
   - Quizzes worth 20 points;
   - Projects worth 30 points
   - Extra credit (maximum 15 points) – 3 points for each correct solution of a problem presented at the board)
Grading:
   A= 93.0 – 100 % (465 – 500 points)
   A-=90.0 – 92.9 % (450 – 464 points)
   B+=87.0 – 89.9 % (435 – 449 points)
   B=83.0 – 86.9 % (415 – 434 points)
   B-=80.0 – 82.9 % (400 – 414 points)
   C+=77.0 – 79.9 % (385 – 399 points)
   C=70.0 – 76.9 % (350 – 384 points)
   D=60.0 – 69.9 % (300 – 349 points)
   F= 0 – 59.9 % (0 – 299 points)
   The grades will not be curved.
Example of grade computation: One student has obtained: 90 in Exam 1, 75 in Exam 2, 81 in Exam 3, 132 in Final, 15 in blackboard work and 24 in quiz. In total the student got 417 points (417/500 = 83.4%). Student's grade for the course is B.

ATTENDANCE: Attendance is required and will be taken. Latenesses and students leaving before the end of the period will be recorded. The official Mathematics Department policy is that two latenesses (this includes arriving late or leaving early) is equivalent to one absence.

AVAILABLE HELP: during my office hours or in the Liberal Arts Learning Center AG18.

The professor reserves the right to make any changes in this syllabus, which will be announced during the class meetings.