LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK

DEPARTMENT OF COMPUTER SCIENCE

CURRICULUM CHANGE

1. **Type of change:** *New Course*

2.

Department(s)	Computer Science
Career	[X] Undergraduate [ ] Graduate
Academic Level	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Subject Area	Computer Science
Course Prefix & Number	CMP 465
Course Title	Technical Interview Preparation
Description	Professional development for software engineering and related tech careers. Includes: resume/cover letter, coding interviews, data structures/algorithm skills etc. for career advancement
Pre/ Co Requisites	PREREQUISITE: CMP 338 with a minimum grade of B- NOTE: Any student who does not have the prerequisite, may request permission to enroll from the department
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	_X__ Not Applicable ____ Required ____ English Composition ____ Mathematics ____ Science ____ Flexible ____ World Cultures ____ US Experience in its Diversity ____ Creative Expression

	____ Individual and Society ____ Scientific World

3. **Rationale:**
This course is designed to help students prepare for software engineering and related interviews in the tech industry.
This course will help students to:

- Build a professional portfolio so they can improve their chances at obtaining an interview at their dream company
- Sharpen their technical skills to succeed in the technical interview
- Refine their soft skills to make a better impression during the behavioral interview
- Gain the resources, comfort and confidence to move their career forward

Students can expect to learn best practices for writing resumes and cover letters, as well as developing their professional profile on LinkedIn and Github. Additionally, students will practice the soft skills needed to network like a pro and impress during the behavioral interview. Likewise, students will hone their knowledge of data structures and algorithms through applied problem solving and mock interviews, while learning best practices and problem solving strategies for coding interviews. As a result, students will be empowered with resources, sharpened skills, and increased confidence to propel their technical career forward.

4. **Learning Outcomes (By the end of the course students will be expected to):**

1. Build a professional portfolio
    a. Resume
    b. Cover Letter
    c. LinkedIn
    d. Github
2. Improve the technical skills needed to succeed in technical interviews
    a. Problem Solving
    b. Data Structures and Algorithms
    c. Programming
    d. Whiteboarding
3. Demonstrate soft skills to make a better impression
    a. Develop a 30 second Pitch
    b. Ask Appropriate Questions
    c. Handle Mistakes
    d. Highlight Achievements
4. Demonstrate the skills, comfort, and confidence to propel their tech career
    a. Create a list of: Books, Videos, Communities, Articles
    b. Imposter Syndrome (Understand, Address, Overcome)
    c. Develop a Roadmap

5. **Date of Departmental Approval:** Thursday, October 19, 2023