## **COSC 405: Computer Science Internship (3 credits)**

This is a supervised internship course that provides computer science students with the opportunity to gain practical, hands-on experience in a professional work environment. The internship allows students to apply and further develop their knowledge and skills acquired throughout their academic studies. Under the guidance of industry professionals and academic supervisors, students engage in real-world projects, tasks, and responsibilities relevant to the field of computer science. *(Prerequisite: Senior level (90 Credits), CGPA 2.0)*

**Course Learning Outcomes:**

By the end of the course, students will be able to:

A1. Demonstrate a critical understanding of computer science theories, concepts, and issues encountered during the internship.

A2. Apply theoretical concepts and knowledge gained in the computer science program to solve practical problems encountered in the workplace.

B1. Analyze complex computer science problems encountered in the workplace.

B2. Make informed decisions for computer science projects and tasks through the application of numeracy skills.

B3. Communicate effectively and professionally with team members, supervisors, and stakeholders in written and oral forms, utilizing appropriate ICT tools and platforms.

C1. Demonstrate autonomy and responsibility by taking ownership of assigned tasks, managing time effectively, and working independently as well as collaboratively within a team.

C2. Evaluate and reflect upon personal learning experiences during the internship.

C3. Exhibit ethical behaviour and responsibility in the workplace, considering the impact of decisions on the organization, clients, and society.

**Course Learning Materials:**

* NA

**Course Content:**

1. Field Work, Bi-Weekly Report1
2. Field Work, Site visit report 1
3. Field Work, Bi-Weekly Report2
4. Field Work, Bi-Weekly Report3
5. Field Work, Site visit report 2