

# CT1112 Module Overview

**Lecturer:** Karen Young

**Assessment:** Continuous Assessment

**Objective:** Develop the non-technical skills critical to career success

**Lectures:** Semester 1: Tuesday 09h00-10h00  
Semester 2: Wednesday 14h00-15h00

# CT1112

## Module: Why?

- *“I care most about an applicant’s ability to solve a problem, how they think through a task and communicate with those around them” (VP Development, DataFinch Tech)*
- *“I wish more candidates came in with face-to-face communication skills” (CEO, IncentiLock)*
- *“I really appreciate a candidate when they have a good sense of self-awareness. They know what they're good at and where they need improvement. If you don’t know where you are lacking, how can you grow? ” (CTO)*
- *“Any candidate who can communicate clearly and show these communication skills will definitely attract the attention of recruiters.” (Senior Technical Recruiter)*

1BCT Timetable 2023/2024 Year 1, Semester I					
Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
9:00 am		CT1112 Professional Skills I: MRA201 (K Young)			
10:00 am	EE130 Fundamentals of EEE: ENG-2001	[A] MA160 Mathematics: Tyndall Theatre [B] MA190 Mathematics: Anderson Theatre	[A] MA160 Mathematics: AC213 [B] MA190 Mathematics: Fottrell Theatre	[A] MA160 Mathematics: Dillon Theatre [B] MA190 Mathematics: Fottrell Theatre	CT102 Algorithms & Info. Systems: IT125G (J Griffith)
11:00 am	CT103 Programming: Dillon Theatre (K Mason/S Redfern)	CT101 Computing Systems: ENG G018 (B Chakravarthi)		CT1114 Web Development: BLE2012, Block E (S Redfern)	CT102 Algorithms & Info. Systems: IT125G (J Griffith)
12:00 pm				CT1114 Web Development: BLE2012, Block E (S Redfern)	
1:00 pm	[A] MA160 Mathematics: IT125 [B] MA190 Mathematics: IT250	CT101 Computing Systems: Joseph Larmor Theatre (B Chakravarthi)	CT102 Algorithms & Info. Systems: AC214 (J Griffith)		
2:00 pm		CT103 Programming Lab: IT106 (K Mason/S Redfern)	CT101 Computing Systems Lab: IT102 (B Chakravarthi)		
3:00 pm	EE130 Fundamentals of EEE: ENG-2001 (J Breslin)	CT103 Programming Lab: IT106 (K Mason/S Redfern)	CT101 Computing Systems Lab: IT102 (B Chakravarthi)		
4:00 pm	CT103 Programming: IT125G (K Mason/S Redfern)	CT103 Programming Lab: IT102 (K Mason/S Redfern)	CT101 Computing Systems Lab: IT102 (B Chakravarthi)		
5:00 pm		CT103 Programming Lab: IT102 (K Mason/S Redfern)	CT101 Computing Systems Lab: IT102 (B Chakravarthi)		
6:00 pm					

# CT1112 Module: When?

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Please note that labs will commence when advised by lecturers.

<http://www.cs.universityofgalway.ie/timetables/>

Thursday 14 September 2023

Version 4



# Developing Professional Skills: CT1112

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# CT1112 Module: What?

*This module is concerned with the development of effective communication skills to support your academic and professional career as a computer scientist. Non-technical skills, such as communication, collaboration, time management and critical thinking skills are critical components of computing career success. Students will complete the course with a greater understanding of their own communication style, strengths and weaknesses, and will be equipped with the tools and techniques required to continue to develop these skills throughout their careers.*

# CT1112

## Module:

### What?

- Emotional Intelligence; Self Awareness
- Work Organisation & Effective Time Management
- Personal Communication Skills: Written, Verbal & NVC
  - Technical Writing, Referencing and Plagiarism
  - Social Media Skills
- Interpersonal Communication Skills:
  - Group work
  - Presentations: Agile Standups
  - Code Reviews
  - Collaborative Technology Tools

# CT1112 Module: What?

## Semester I Course Outline: Personal Communication Skills

**Week 1:** CT1112 Module **Overview**

**Week 2:** What is Computer Science? What does a Computer Scientist Do?

**Week 3:** EI: Self Awareness; Adaptability; Resilience

**Week 4:** Work Organisation: Planning, Time Management

**Week 5:** Effective Communication

**Week 6-10: Writing Skills:** Technical Writing; AI; Plagiarism; Tools

# CT1112 Module: How?

## Course Assessment:

➤ Weekly MCQ's:	20%
➤ CS Blog/ Reflections:	10%
➤ CS Communication Tools Report:	10%
➤ Scientific Writing Paper:	20%
➤ Social Media (LinkedIn):	10%
➤ Scrum Presentation:	10%
➤ Code Review:	20%





The 8 Traits That Lead to Great Success RichardStJohn.com

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THE 8 TRAITS  
**SUCCESSFUL**  
PEOPLE HAVE  
**IN COMMON**

**8**  
**TO BE**  
**GREAT**

**Richard St. John**

# Professional Skills: Resources

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## CT1112 Canvas Links:

- ✓ Computer Science: Crash Course (Carrie Anne Philbin)  
<https://www.youtube.com/playlist?list=PL8dPuuaLjXtNIUrzyH5r6jN9ullgZBpdo>
- ✓ Study Skills: Thomas Frank <https://www.youtube.com/watch?v=lhuwS5ZLwKY>

## Online:

- ✓ TedTalks
- ✓ LinkedIn Learning

## University of Galway:

- ✓ Career Development Centre
- ✓ Academic Writing Centre

