UNIVERSITY OF CALIFORNIA, MERCED
School of Engineering

ENGR 191   M. Matsumoto
Professional Seminar   Spring 2022
ASSIGNMENT #1
(due Wednesday, January 26, 3:30 pm)

The purpose of this assignment is for you to gain (or reinforce) understanding of:
- The relationship between education level, career opportunities, and salary outlook.
- Typical things people do in computer science/engineering careers.
- Your career goals
- The "Handshake" platform for exploring job and internship opportunities for UC Merced students.

Tasks
1. Find the website for the Occupational Outlook Handbook from the U.S. Bureau of Labor Statistics.
2. Surf through the website. Explore the information that is available. You should be able to find job career information based on different occupation groups, median pay ranges, entry-level education, etc.
3. Find and review information for occupation(s) that are associated with your major.
4. If you have not already done so, claim your account on the UC Merced HANDSHAKE career management system and create a profile.

Work to be Submitted (Deliverables):
1. There are TWO worksheets in the Assignment 1 Excel file.
2. Add information to the Education Level worksheet using information from the Occupational Outlook Handbook. For *each entry-level education level (e.g. Associates Degree)*, identify **FIVE** potential occupations, the 2020 median pay, and whether on the job training is required. **You should list a total of 25 occupations**. HINT: Use the drop-down menu for Entry-Level Education (under Select Occupations By).
3. Add one or more observations about the relationship between education level, occupation type, median pay, and training for entry-level into the bottom of the Education Level spreadsheet.
4. Add requested information into the second worksheet, UCM Major – Occupation, for the occupation closest to your major.
5. *Upload the complete Assignment 1 Excel file into CatCourses*
6. *Take a screenshot of your HANDSHAKE profile that includes your name and upload it into CatCourses*.
7. *There are two documents to be uploaded into CatCourses*: Assignment 1 Excel file (2 worksheets) and screenshot of your HANDSHAKE profile (must have your name shown).

How to Access and Set Up HANDSHAKE:
STEP 1: CLAIM YOUR ACCOUNT ON THE UC MERCED HANDSHAKE CAREER MANAGEMENT SYSTEM.
Log on to the UCM Handshake Career Management System. https://ucmerced.joinhandshake.com/login using your UCM Single Sign on (SSO).

STEP 2: COMPLETE YOUR PROFILE ON THE UC MERCED HANDSHAKE CAREER MANAGEMENT SYSTEM
Complete your Profile by adding important information as prompted. You may choose to indicate
- The type of position you are looking for (full-time, internship),
- Which industries you are interested in
- What are you looking for in a company (company culture, company size)
- Job roles
- What skills you bring to the company
- What courses you have taken
- Clubs and Organizations you belong to
- Places you've worked, interned or volunteered
- Set your Privacy settings. Decide if you want to make this information visible to employers or if you want to make your profile private. It is your decision.