**SESSION PLANNING SHEET**

Based on session planning sheet shared by UMKC

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| **SLG Leaders: Ali Sedigh Moghadam** | | | **Date: 2024-05-07** |
| **Supported Course: IPC144** | | | **Week #: 2** |
| **CO-FACILITATION CHECKLIST:** | | | |
| Check session plans in the *Leader’s Guide* for inspiration  Decide who will plan and lead each activity. What support do you need from your co-facilitator?  Prepare your PowerPoint or session file  Check for accessibility & compatibility  Upload your session planning sheet to MS Teams  Promote your session! | | | |
| **SESSION OBJECTIVES:** *What does the group most need to get out of this session?*  (*Consider the time of the semester, numbers anticipated, proximity of tests, etc.)* | | | |
| How to set up Visual Studio IDE, Matrix, using commands to compile C on Matrix, Write a simple hello world program, and answer questions related to the first block of code. | | | |
| **ICEBREAKER:** | | | |
| Ask students “What was cool when you were younger but isn’t cool now?” and “If you could have one superpower what would it be?” 10 mins | | | |
| **Content/Concept and Duration** | **Activity Outcomes**  *Use verbs from* [*Bloom’s Taxonomy*](https://seneca.sharepoint.com/:i:/s/SupportedLearningGroupsStaffTeam/EQ1BpnwsuPJEjiptc012R4sB757IFopBbxlObkym8ZFOHA?e=9xFAGJ) | **Collaborative Technique**  *How will participants work on this task together? Provide instructions for participants.* | **Resources and References**  *Add applications needed and titles and/or links to resources used to plan this session activity.* |
| **OPENING ACTIVITY:** | Students will: |  |  |
| Brain dump (Recall what the professor taught them in the first session) 10 mins | State the concept of how they learn setting up Visual Studio, Matrix, and write a hello word code. | Students will write what they remember on Menti | From the IPC144 notes |
| **MAIN ACTIVITY 1:** | Students will: |  |  |
| Ask them who converts the C code that we write into the computer language.  Give them some sample outputs and ask them to write a code to get the same result. 25 min | Develop and execute a code to get the preferred result. Discuss how to write the code in a group environment. | Make breakout rooms and assign two (Or more in case the number of students is high) students to each room and ask them to write a code in time manner and bring their code and output even if it does not work or they are not getting desire output. | Visual Studio IDE  Output samples are made by me. Output sample here: [IPC144\_SLGLeaderNote\_w1.docx](https://seneca-my.sharepoint.com/:w:/g/personal/ali_sedigh-moghadam_senecapolytechnic_ca/ESNUuWQkSW9AmTVYgt4RZKcBeiGYTM1rqZn1tqujmq2Cnw?e=L9OXPo) |
| **MAIN ACTIVITY 2:** | Students will: | | |
| Ask the students to discuss each other out put and code. Also asking questions from code itself. 15 min | Memorize and judge codes. | By group discussion by using the mics. | Output samples are made by me. Output sample here: [IPC144\_SLGLeaderNote\_w1.docx](https://seneca-my.sharepoint.com/:w:/g/personal/ali_sedigh-moghadam_senecapolytechnic_ca/ESNUuWQkSW9AmTVYgt4RZKcBeiGYTM1rqZn1tqujmq2Cnw?e=L9OXPo) |
| **MAIN ACTIVITY 3:** | Students will: | | |
| Ask students to login to their Matrix, make a new directory, move their files there and compile it there. 15 min | Use matrix and understand how to use simple Unix commands. | Make breakout rooms and assign two (Or more in case the number of students is high) students to each room | From the IPC144 notes |
| **CLOSING ACTIVITY:** | Students will: |  |  |
| Summarize what they have done in the session by discussing. 15 min | Repeat what they learned from the session. | Just discuss using the mics. | From the IPC144 notes  Output samples are made by me. Output sample here: [IPC144\_SLGLeaderNote\_w1.docx](https://seneca-my.sharepoint.com/:w:/g/personal/ali_sedigh-moghadam_senecapolytechnic_ca/ESNUuWQkSW9AmTVYgt4RZKcBeiGYTM1rqZn1tqujmq2Cnw?e=L9OXPo) |
| **POST-SESSION REFLECTION:** | | | |
| Take 3-5 minutes to briefly summarize your session. You may address any of these questions:   * What went well? * What didn’t? * What did people say? * What would you do differently next time? * What content / learning strategies will you cover in your next session? | | | |

Link to SLG leader notes and sample output: [IPC144\_SLGLeaderNote\_w1.docx](https://seneca-my.sharepoint.com/:w:/g/personal/ali_sedigh-moghadam_senecapolytechnic_ca/ESNUuWQkSW9AmTVYgt4RZKcBeiGYTM1rqZn1tqujmq2Cnw?e=L9OXPo)

Slideshow is available on Menti