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| ***Track 2 : Engineering is Creating Collaboratively******Phase 1******Improvisation: mobilize the creative power of the individual and the collective*** | As an engineer, you will be expected to tell compelling and convincing stories on your own or with other people, in a wide range of professional and personal contexts. This class will involve guided **improvisation** theatre games/activities to explore and develop individual and group creativity. Exercises will focus on: * how to better **listen** to one’s partners and develop **groupmind**
* exploring 4 skills of creativity – **creating, building, repurposing, combining** - through storytelling
* using guided improvised storytelling as an effective **prewriting** activity
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| ***Milestone*** | Write short pieces based on improvised collective stories. |
| ***Language skills sought.*** | * You will learn to be better **listeners**, a hallmark quality displayed by efficient team players and managers.
* You will learn to apply **reactive and idiomatic** language, and use effective fillers and feedback.
* You will develop **fluency** and **confidence** when speaking, rising from greater awareness of nonverbal and verbal components of speech.
* You will be invited to aim for **precision** and a **wider range of vocabulary**.
* You will learn to effectively apply principles of **storytelling**, an essential set of tools when communicating about science and technology to nonexpert audiences.
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| ***Activities and Learning Styles*** | * **Action-based, hands-on learning through doing.**
* **Improvisation and storytelling activities in groups of 2 to 6 students.** Most activities will **not** involve an audience as everyone will be taking part in activities at all times.
* **Group discussions and debriefs**.
* **Writing short pieces in pairs**
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| ***Application and assessment*** | 1. develop better **listening** to partners
2. learn to **think on your feet**, to be a reliable group partner
3. learn how to **deal with mishaps**, **recover from mistakes** and manage stress
4. attain better **adequacy between intention and intonation/body language**
5. acquire greater **fluency** in interactions and monologues
6. acquire greater vocabulary **range and precision**
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| ***Evaluation of Performance : What the student is expected to do to show acquisition of language skills.*** | 1. **Participate** in improvisation activities ***and*** debriefs actively; a**pply techniques and** tell a story on your own AND collectively **(50%)**
2. **Write** short pieces using material developed in oral activites (50%**)**
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| ***Resources*** | *1 - Impro: Improvisation and the Theatre and Impro For Storytellers* by Keith Johnstone *2 - Into the Woods: a 5-act journey into story, by John Yorke, 2015 3 - Flow* and *The Psychology of Creativity and Invention*, Mihali Csikszentmihalyi (1990, 1997) |