Intending Learning Outcomes (1/3)

- Explain the rationale of choosing TDMA access scheme for DAMPS

- Use concepts of re-use, spectrum efficiency, traffic, and trunking efficiency to measure system capacity

- Assess different techniques to increase capacity and choose the best technique to fit a given application

Intending Learning Outcomes (2/3)

- Examine and compare field structure of TDMA time slot of DAMPS forward and reverse channels

- Breakdown of high level block diagram of DAMPS into its main units and critisize the functionalities of each block

Intending Learning Outcomes (3/3)

- Investigate main types of intereferecne in mobile systems, methods of reducing intereference, and solve simple design problems to meet performance criteria

- Model simple problems related to interfernce, and traffic blocking using simulation tools and present results in a team

Hazim Tawfik