The e-Learning Center

The e-Learning Center was established as a unit at Princess Sumaya University for Technology in 2016. Administratively, the Center reports to the President or his deputy. This Center is working hard to achieve quantitative and qualitative objectives in the service of the academic community in Jordan in particular and the Arab world in general. It aims to achieve these goals through the following:

- The improvement and development of the educational process at the University using strategies supported by modern technology, especially computer applications and information technology.
- The provision of training for faculty members in the full range of online teaching and learning skills, and in all disciplines in this context.
- Providing faculty members with practical and technical assistance in the design, development and implementation of online content for courses taught at the University.
- Participation in national and international projects that contribute to the development of the e-learning environment.

The Center's vision and mission are built upon a comprehensive implementation to control the quality of work and the outcome of online teaching and learning. The Center is currently working on building a database of faculty members that includes their achievements in the field of e-learning. This database is to be updated continuously. In addition, work is underway to refine, enable and develop existing expertise through exchanging experiences with evaluation and quality assurance bodies, and with national, regional and international accreditation organizations.

Future plans for the Center include: expanding the scope of regional and international cooperation agreements in the various areas of e-learning development; the creation and implementation of online courses with special themes and content unique to PSUT; and the introduction of new learning technologies to cover all areas of modern e-learning. These include Augmented Reality, Virtual Reality, and Artificial Intelligence.

Dr. Adiy Tweissi   **Mr. Jarir Al Nsour**

Director of the e-Learning Center   **Content Administration and Technical Support**

The Center's Vision:

The transition of the learning process from using traditional methods to making full use of technology, and consolidating the concept of interactive content sharing between the instructor and the students, as well as among students.

The Center's Mission:

Our mission is the creation of a simplified and easy-to-use interactive learning environment using educational technology, focusing on the quality of education and the interconnectivity of content to ensure e-learning outcomes that are compatible with traditional learning outcomes.

The Center's Values:

- Working with team spirit.
- Providing an appropriate learning environment.
- Offering support and assistance to both students and instructors.
- Productive and ongoing cooperation with Jordanian and international universities in the field of e-learning.

Strategic goals:

1. To provide an appropriate learning environment and provide assistance and training to the beneficiaries of the service, whether students or instructors.
2. Continuous development and keeping pace with the latest technologies in the field of education technology.
3. Reacting to feedback from students and instructors to aid in content development.
4. To expand the circle of influence by forging business partnerships with local and international educational institutions.
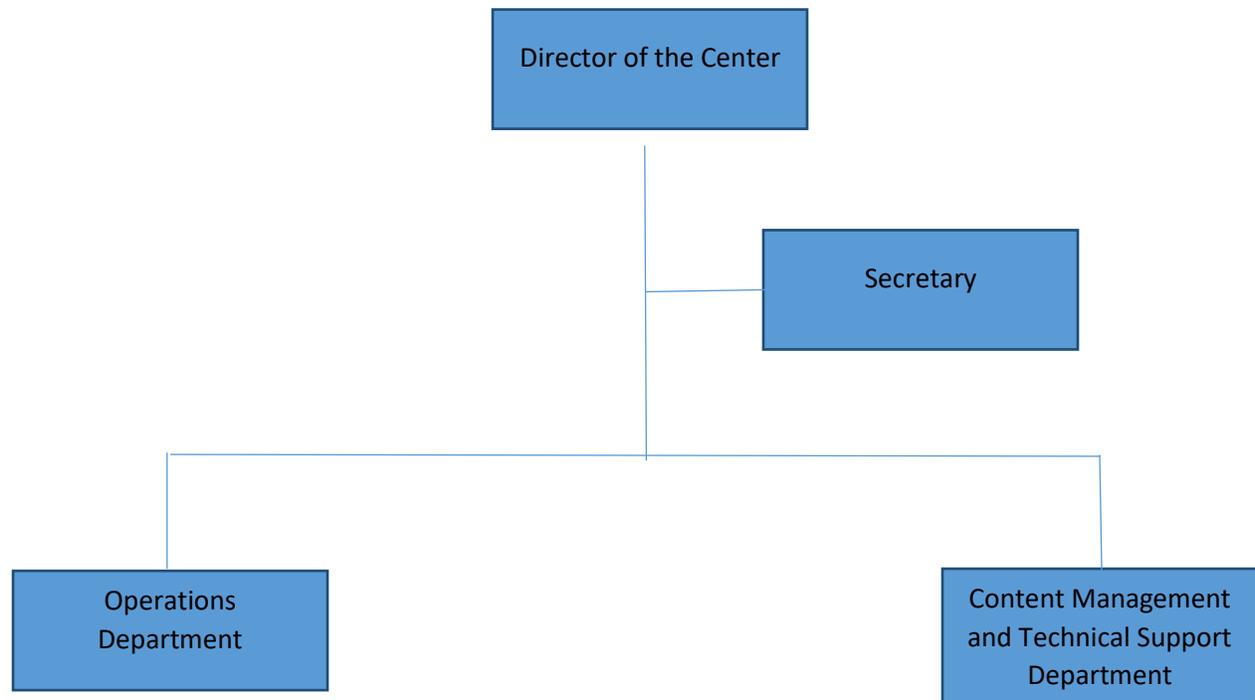
Four-Point Analysis Model:

Advantages	Disadvantages
1. The Center is located within the PSUT campus. PSUT specializes in ICT disciplines. It is also close to the Royal Scientific Society (RSS). 2. Availability of electronic devices and other equipment. 3. Cooperation between the University and its counterparts in Jordan and Europe. 4. PSUT has a history of successful e-learning experiences.	1. Infrastructure difficulties, especially interruptions in Internet service. 2. The unwillingness of some of the beneficiaries of the service to develop skills and switch from traditional methods of education to e-learning and blended learning. 3. The learner does not receive immediate feedback from the teacher. 4. The Center suffers from little or no feedback from teachers and students.
Opportunities	**Challenges**
1. Benefiting from the agreements concluded between the University and international universities well-known for their advancements in e-learning. 2. Creating financial revenue through fees, examinations and electronic courses. 3. Holding specialized, intensive courses on the benefits of e-learning for the beneficiaries of the service. 4. The formation of research teams to generate and publish scientific papers in this field.	1. Motivate teachers and students to keep pace with developments and embrace the transition from traditional to e-learning. 2. Monitor the latest developments in the rapidly advancing field of education technology. 3. Limited financial resources. 4. The limited human resources specialized in e-learning and teaching technology. 5. Raising the quality of e-learning and reaching content compatibility between traditional teaching and e-learning.

The Center's functions:

1. To provide all the necessary hardware and software to formulate the academic content of the courses.
2. To hold training courses for students and faculty members.
3. To develop a mechanism to evaluate the educational content of courses and their compatibility with the outputs of traditional education.
4. To analyze students' results and pinpoint strengths and weaknesses.
5. To ensure diversity in the presentation of content, employing graphics, slides, videos, etc.
6. The recording and uploading of lectures onto the Internet.
7. To analyze the results of feedback from students and faculty members, and modify the content accordingly.
8. To develop relations with Jordanian and international universities with regard to e-learning.
9. To promote electronic courses and education technology via modern social media.

Organizational Structure:

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                    │ Director of the Center │
                    └─────────────────────┘
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                              │        ┌──────────────┐
                              ├────────│  Secretary   │
                              │        └──────────────┘
                              │
              ┌───────────────┴───────────────────┐
    ┌──────────────────┐            ┌──────────────────────────┐
    │    Operations    │            │   Content Management     │
    │    Department    │            │ and Technical Support    │
    └──────────────────┘            │       Department         │
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Functions of the Operations Department:

1. Recording lectures.
2. Entering audio, video and digital data.
3. Continuing modification of the courses as directed by the Content Management Department.
4. Entering and modifying online tests.
5. Providing training for service recipients.
6. Advertising and promotion of online courses on social media platforms and other media.

Functions of the Content Management and Technical Support Department:

1. To present the course material in a clear, easy fashion, in coordination with the course instructor.
2. To ensure the integrity and comprehensiveness of online content for all parts of the course.
3. To ensure the diversity of teaching methods used to present the course.
4. To work on the management of the e-Learning Management System.
5. To monitor the servers, storage units, and other devices.
6. To make backup copies of the uploaded courses.
7. To ensure that servers run without interruption.
8. To carry out amendments to courses according to feedback from students and faculty members.
9. To analyze evaluation results and provide continuous improvements.
10. To enter and modify online tests.