



Project Number: 585901-EPP-1-2017-1-UK-EPPKA2-CBHE-JP (2017-2897/001-001)

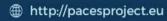
### ERASMUS + KA2 Capacity Building in the field of Higher Education

DEV2.3	Virtual Accessibility Set up
Prepared by	University of Maribor
Contributors	All partners
Work Package	WP2 - Establishment of Accessibility Centres
Type	Report
Date	15-1-2020
Editing	Matjaž Debevc, Peter Čakš, Ines Kožuh, Sarah Merry, Mohamed Shehadeh, Ahmed Mehanna, Mootaz Anany, Sameh ElShafie, Badredine Souhail, Moh. El-Sherif
Form	FINAL REPORT

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### Tasks and outcomes of the DEV 2.3 Virtual Accessibility set up

As we live in connected society one of the most important goals of WP 2 is to make content about accessibility centres available on different levels and channels, not only at the partnered universities and faculties but also all across the countries on web sites, as well as on social media (which is part of another WP). Special sections of websites in each partnered country (one partner per country – Arab Academy for Science, Technology and Maritime Transport (AASTMT) in Egypt and Université Abdelmalek Essaâdi (UAE) in Morocco has been planned as one of sustainability effects of the project.

As a part of DEV 2.3 the implementation of information about the project and accessibility, virtual computer tools, such as videoconferencing systems, adapted to the hearing and visually impaired, and web-based environments has been carried out. It is also possible to enable through those websites' accessibility of electronic materials for students with disabilities as well as help of tools for creating accessible PDFs and e-learning materials.

This section is prepared with long term goal to enable through existing or new web servers' access to information and e-learning materials for students with disabilities. This also includes the purchase of a video-conferencing system (purchase of Zoom software was carried out as a part of DEV 2.2 – See ANNEX A) for collaborative and cooperative web-based video communication and access to social networks.

As an additional value to the DEV 2.3 on PACES WEBPAGE (part of WP 7) two subpages, each for one of the countries has been integrated. They hold information on specific resources for Egypt and Morocco.

Accessibility Center web content draft has been designed for each partner (ANNEX B). It was shaped through the best practice examples study in DEV 2.1, when not only the equipment and services, but also web content was observed.

In ANNEX B are listed selected elements of the accessibility centre and the accompanying website. It was supposed to be used as an example of what kind of content on the web site and services should accessibility centre have.

Partner were asked to take this document as a guidance and adopt it upon their needs, abilities and plans. They were not expected to implement everything, but to adopt some contents and ideas to their country

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with all the specific characteristics - accessibility centres, country policy on SWD, university and other faculty services.

In ANNEX C are Guidelines for interacting with Students with Disabilities at AASTMT are available.

The content of Virtual Accessibility Centre (ANNEX B) was planned and divided into four main sections:

- BASIC INFO
- CAMPUS ACCESS
- INFORMATION FOR STUDENTS
- INFORMATION FOR STAFF

In the table they were put next to suggested services (ANNEX B) which were used to visualise all the possibilities virtual AC can offer to the SWD and to the employees as well as to the other students.

- SUPPORT FOR STUDENTS
- CAMPUS INFRASTRUCTURE
- ASSISTIVE TECHNOLOGY
- LIVE AND ACCESSIBILITY SERVICES
- TRAINING SERVICES
- CLASSROOM & COURSE MANAGEMENT
- PROMOTIONAL SERVICES
- EMPLOYABILITY SERVICES

The aim of this part of WP 2 was to empower partners for further work, especially on remoted locations or faculties through omnipresent communication channel – www.

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#### Activities completed - MOROCCO

#### **UNIVERSITE ABDELMALEK ESSAADI**

#### 1. Web site description

Virtual accessibility Centre web site has been implemented as a part of main university (Mansoura University) web page in the section Projects and include content upon partner's decision. The front page of the subpage is shown below.

The Virtual Centre consists in giving visibility on the web of UAE Accessibility Centre by giving an overview of the equipment installed in the centre, their use and to see how technology and training can help students with disabilities, as well as on the activities undertaken within the centre on the frame of PACES project.

Website: http://accessibilitycentre.uae.ma/paces/virtual ac.php

#### 2. Photos/screenshots



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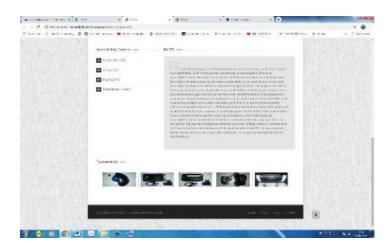
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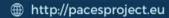


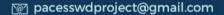




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#### **Activities completed - EGYPT**

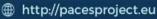
#### **Arab Academy for Science, Technology and Maritime Transport (AASTMT)**

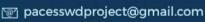
#### 1. Web site description

The aim of Virtual Accessibility Centres at Arab Academy for Science, Technology and Maritime Transport (AASTMT) is prepared with long term goal to enable through existing web page of PACES project or new web servers at AASTMT access to information and e-learning materials for students with disabilities (SwD). The accessibility centre and the accompanying website was supposed to be used as an example of what kind of content on the web site and services should accessibility centre have. The implementation of information about the project and accessibility, Virtual Accessibility Centres, virtual computer tools, such as videoconferencing systems, adapted to the hearing and visually impaired, and web-based environments is to be carried out.

Website: <a href="http://pacesproject.eu/en/virtual-ac">http://pacesproject.eu/en/virtual-ac</a>

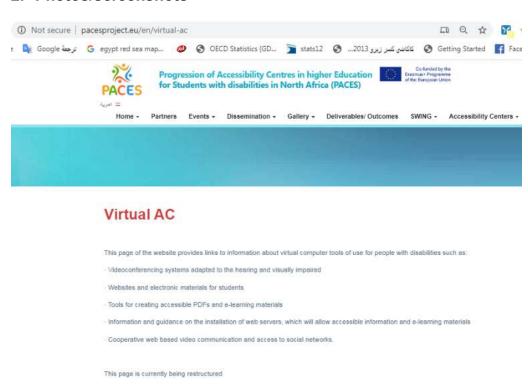
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## **ANNEX A: Software preferences for accessible videoconferencing**

University	ZOOM	PEXIP	ADOBE CONNECT
Arab Academy for Science, Technology, and			
Maritime Transport	1		
Ain Shams University	1		
Fayoum University	1		
Mansoura University			
Abdelmalek Essaadi University			1
Ibn Tofail University	1		
Mohammed V University of Rabat			1
University of Moulay Ismail	1		
SUM	5		2

<sup>\*</sup>Presentation and voting on videoconferencing software were carried out on Coventry Meeting in April 2018.

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## ANNEX B: Guidelines for the development of the centre and the website

#### **Virtual Accessibility Center**

(Prepared by Prof. Dr. Matjaž Debevc and Peter Čakš, University of Maribor - July 2018)

Below are listed chosen elements of the accessibility center and the accompanying website. It is an example what kind of content on the web site and services should accessibility center have.

The table should be taken as a guidance what you could do and enable for your students. Those services are not mandatory. You should adopt them upon your plans and abilities.

Name	Web site content	Services
Name suggestions:	BASIC INFO (Q&A)	SUPPORT FOR STUDENTS
		Getting started
Accessibility	CAMPUS ACCESS	Guidance
Center	Campus accessibility (+map)	Tutoring support
Center	<ul> <li>List of classrooms &amp; other facilities</li> </ul>	Evaluation of study process
	<ul> <li>Parking &amp; transportation</li> </ul>	
		CAMPUS INFRASTRUCTURE
	INFORMATION FOR STUDENTS	Evaluation of premises
	Study guidelines	Planning the premises
	Local disability coordinators and student	Supervising
	tutors	
	Assistance with time management and	ASSISTIVE TECHNOLOGY
	organizational strategies	Equipment
	Service animal guidelines	o List
		<ul> <li>Guidelines (student, staff)</li> </ul>
	INFORMATION FOR STAFF	o Loan
	Guidelines for interacting with people	Technologies to assist with learning
	with disabilities	Accessible library
	Assistance with time management and	
	organizational strategies	LIVE AND ACCESSIBILITY SERVICES
	<ul> <li>Volunteer opportunities</li> </ul>	<ul> <li>Live captioning (audio, video)</li> </ul>

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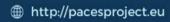
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Transcriptionists
Note taking
Sign language interpretation
Accessible learning material creations
TRAINING SERVICES
Technology training (students, staff, tutors)
Video tutorials (students, staff, tutors)
CLASSROOM & COURSE MANAGEMENT
Classroom relocation
Creating blind/deaf friendly classroom
Creating blind/deaf friendly courses
Exam adjustments
Co-ordinating alternative exam arrangements
PROMOTIONAL SERVICES
PR & marketing support
EMPLOYABILITY SERVICES
Practical Employment Skills
Market Awareness
Post Graduate Opportunities

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## ANNEX C: Guidelines for interacting with Students with Disabilities (SwD) at AASTMT, Egypt

ACCESSIBILITY CENTRE			
Location	Arab Academy offers various premises in the University to their students.		
	Abu Qir Campus, Alexandria		
	1) Room 021– Main AC		
	2) Room 106 CS*		
	3) Room G 001		
	4) CS Library		
	• Miami Campus, Alexandria		
	5) Room B 002 – AC		
	6) Room A 317		
	7) Room A 209		
	<ul> <li>Sheraton Campus, Cairo</li> <li>8) Room 211 (Sheraton Campus, Cairo)</li> </ul>		

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	P.S.:				
	1. All these rooms are under the umbrella of the main campus (Abu Qir				
	Campus, Alexandria).				
	2. There is no equipment in G 001 because it is mainly responsible for the				
	Volunteering works.				
	3. CS*: Computer Science Building				
	The equipment is well installed in four labs, (106 CS*, A 317, A 209 and 211),				
	based in three campuses; the equipment was used during the training of st				
	and students. The labs were open for all disabled students to support them in				
	their study. In addition to a <b>Braille printer</b> installed on room 211 (Sheraton				
	Campus)				
Operating	• Academic Semester :				
hours					
	From Sunday to Thursday from 8:30 AM – 3:30 PM				
	C V (				
	• Summer Vacation :				
	From Sunday to Thursday 09:30 AM - 01:30 PM				
	Tront Sunday to Thursday 09.30 Thir				
Contact	Abu Qir Campus, Alexandria				
	1) Mr. Warda ElAzab				
	2) Eng. El Sayed Barakat				
	2) Elig. El Sayed Barakat				
	Miami Campus, Alexandria				
	3) Dr. Safaa Allam				
	4) Mr. Ahmed Hassan Abdelsamiaa				
	, , , , , , , , , , , , , , , , , , , ,				
	• Sheraton Campus, Cairo				
	5) Dr. Abeer BadrEldeen				
	6) Mr. Ahmed Lotfy				

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Equipment (hearing,	Abu Qir Campus, Alexandria			
seeing)	ITEM	Enabling Disability (which students with the equipment assist?)		
	Ten infovox4 V4.000 Software Key License World	Using speech synthesis with pleasant voices transforming any written text into speech, in real time. Arabic use for <b>Blind &amp; Visual</b> Impairments diviequally in (Room <b>106 CS*</b> ).		
	Eight JAWS Software PRO V.16 English only dongle license.	For <b>Blind &amp; Visual</b> Impairments divided 5 license an license in (Room <b>106 CS*</b> ).		
	Ten Big Sized Keyboard and Carriage for the Keyboard	For <b>Visual Impairments</b> divided equally in (Room <b>CS*</b> ).		
	Five User Network License Zoom Text Software 10.1 Magnifier	For <b>Blind &amp; Visual Impairments</b> divided 3 license ar license in (Room <b>106 CS*</b> ).		
	One Everest-D V4 Braille Embosser	For Blind & Visual Impairments Students in Library.		
	Four HIMS BrailleSense U2 MINI (Braille displayer + note taker)	For Blind & Visual Impairments Students in room CS		
	Twenty Braille Keyboard Label	For Blind & Visual Impairments Students in room CS		
	Five Joysticks- mouse alternative	For mobility disability in room 106 CS		
	Two Personal Induction hearing loops	For Students with hearing disability in room 106 CS		

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ITEM	Enabling Disability (which students with the equipment assist?)
Ten infovox4 V4.000 Software Key License World	Using speech synthesis with pleasant voices transforming any written text into speech, in real time Arabic use for Blind & Visual Impairments divided eq in (Room A209)
Eight JAWS Software PRO V.16 English only dongle license.	For Blind & Visual Impairments divided 5 license a license in (Room <b>A209</b> )
Ten Big Sized Keyboard and Carriage for the Keyboard	For Visual Impairments divided equally in (Room A Miami Campus, Alexandria).
Five User Network License Zoom Text Software 10.1 Magnifier	For Blind & Visual Impairments divided 3 license a license in (Room <b>A209</b> )
One Everest-D V4 Braille Embosser	For Blind & Visual Impairments Students in Room A Miami Campus, Alexandria.
• Sheraton Cam	npus, Cairo
ITEM	Enabling Disability (which students with the equipment assist?)
One INDEXBRAILLE Everest-D5 V5 (Braille Printer)	For Blind & Visual Impairments Students in room (Sheraton Campus, Cairo)

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#### **CAMPUS ACCESS**

# Campus accessibility (+map)

Arab Academy offers various premises in the University to their students.

• Abu Qir Campus, Alexandria

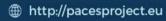
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http://360.aast.edu/abokir/index.html



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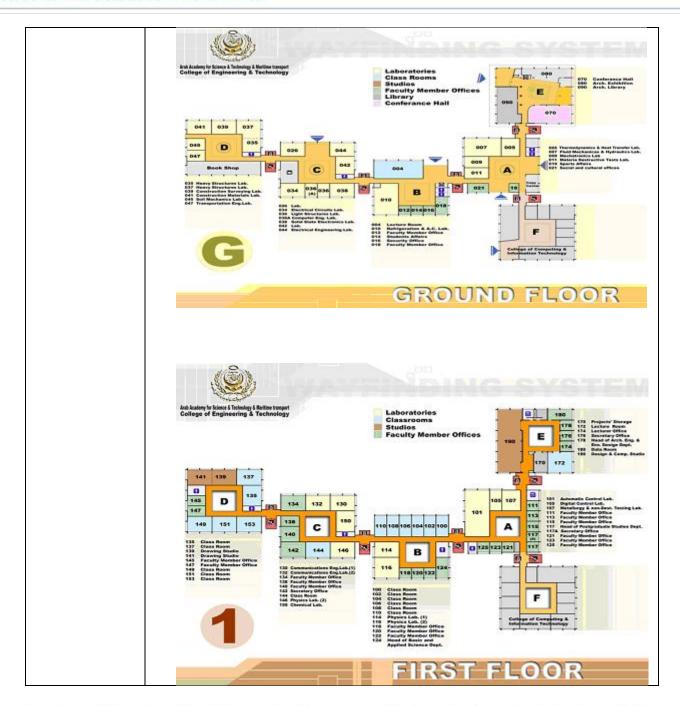
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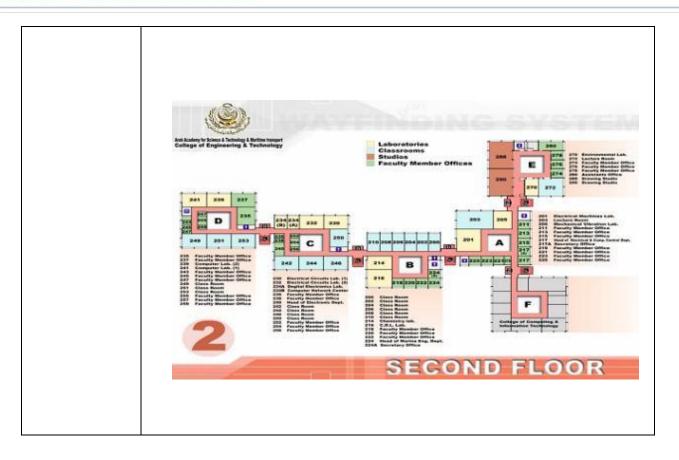
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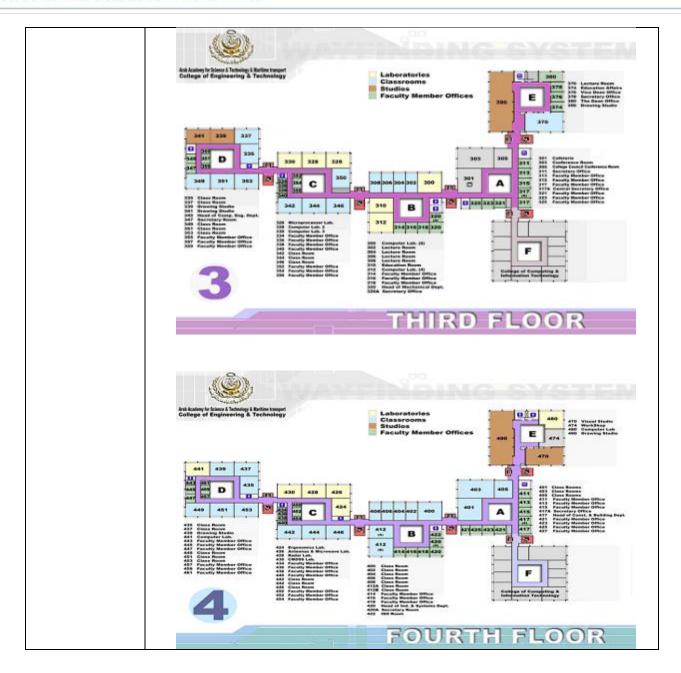
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#### • Miami Campus, Alexandria

 $\frac{https://www.google.com.eg/maps/@31.264798,29.9984014,273 m/data=!3m1!1e3?h}{l=en}$ 

#### • Sheraton Campus, Cairo

https://www.google.com.eg/maps/@30.0957158,31.3745517,253m/data=!3m1!1e3?hl=en

http://360.aast.edu/sheraton/index.html

http://360.aast.edu/doki/index.html

## List of classrooms & other facilities

- The classrooms, laboratories, accessories, workshops, studios & faculty offices are located in the neighbouring Building A, B, C, D, E, & F.
- Some classes are equipped with a suitable blackboard and illumination, a high-resolution projector capable of displaying video and computer images mounted on the ceiling to serve the interests of both students and staff and fulfil the educational objectives and outcomes of the program.
- Some of the classrooms are mainly for theoretical and problem solving purposes so there is no computers provided in the classrooms but power plugs are available in case students would like to take notes on their laptop computers.
- There are classrooms with a capacity of 25 students and some class rooms with a capacity of 50 students with a lighting system suitable for reading/writing purposes.
- All classrooms are provided with white boards, data shows, and wireless internet. Classrooms are fairly distributed around the program administration and faculties rooms' vicinity.
- List of facilities are arranged in the following table & maps.

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	Classrooms & Studios	Offices	Laboratories & Workshops	Accessories
	004	012- 014- 016	005- 007- 008	017- 044- 070
		018- 019- 021	009- 010- 011	074- 078- 080
Ground		001CS	026- 034- 035	090- 140-
Floor			036- 036A-	002CS- 003CS
			037 038- 039-	004CS
			041 042- 045-	
	101CS- 102CS	107CS- 108CS	047 105- 170	101- 103- 107
	101CS- 102CS 103CS- 104CS	107CS-108CS 109CS-110CS	103- 170	114- 116- 130
	105CS-104CS 105CS-106CS	111-113-115		132- 146- 150
	100- 102- 104	118- 120- 121		132- 140- 130
1 st	106- 102- 104	122- 123- 124		
Floor	135- 137- 139	125-134-138		
	141- 144- 149	140- 142- 145		
	151- 153- 172	147- 174- 176		
	190	178- 180		
	201CS- 202CS	207CS- 208CS	201- 205- 214	237- 239- 241
	203CS- 204CS	209CS- 210CS	216- 230- 232	
	205CS- 206CS	211- 213- 215	234- 234A	
	200- 202- 203	217- 220- 221		
	204- 206- 208	222- 223- 224		
	210- 242- 244	225-235-236		
2 <sup>nd</sup>	246- 229- 250	238- 240- 241		
Floor	251- 253- 288	243 - 245 - 247		
	290	252-254-256		
	200 202 204	276- 278- 280	226 220 220	201 202 205
	300- 302- 304	311-313-314	326- 328- 330	301- 303- 305
	306- 308- 310 312- 335- 337	315- 316- 317 318- 320- 321		
	342- 344- 346	323- 325- 336		
	349- 350- 351	338- 340- 343		
	353- 301CS	345- 347- 352		
3 <sup>rd</sup>	302CS-303CS	354-355-356		
	304CS- 305CS	357-359-		
Floor	306CS- 307CS			

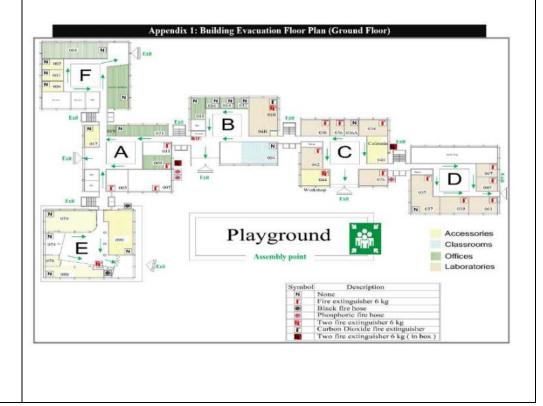
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1		_	1	
		308CS-309CS		
		310CS		
	401CS- 402CS	407CS- 408CS	426- 428- 430	419
	403CS- 404CS	409CS-410CS	441- 474- 480	
	405CS- 406CS	411-413-414		
	400- 401- 402	415-416-417		
	403-404-405	418- 420- 421		
4 <sup>th</sup>	406- 408- 424	422- 423- 425		
Floor	412A- 412B	427- 434- 436		
11001	435- 437- 439	438- 440- 443		
	442- 444- 446	445- 447- 450		
	449- 451- 453	452- 454- 457		
		459- 461		

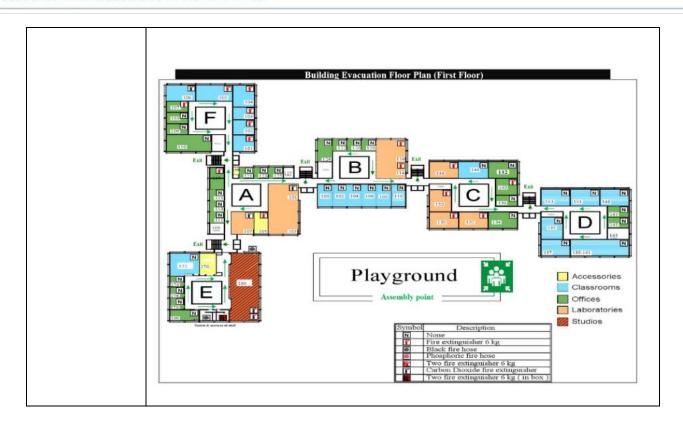


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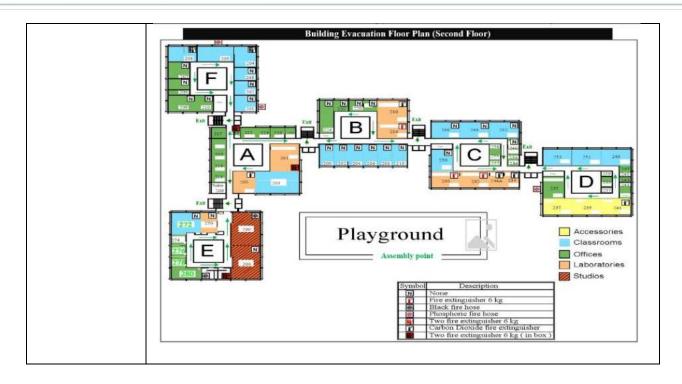
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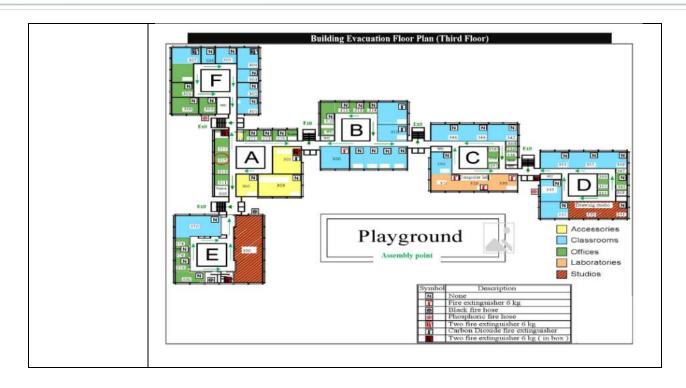
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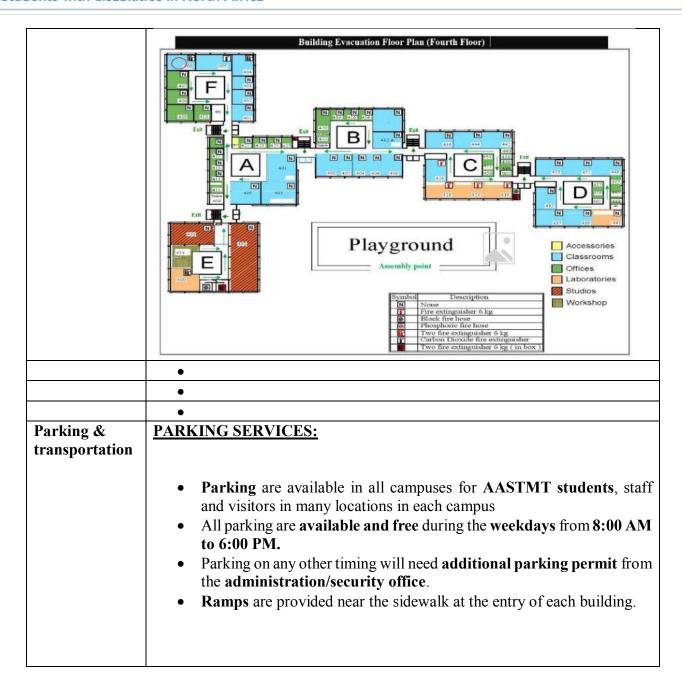
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#### **TRANSPORTATION SERVICES:**

- Buses services are provided in all campuses for Students including Students with Visual or hearing disability for various locations and timing but the students themselves have to apply for the transportation service at the beginning of each semester and each examination period.
- Buses Routes timetable from/to AASTMT Campus is attached, and it covers
   Alexandria's
- AASTMT Student Affairs made agreement with many ride sharing apps to provide transportation service for SwD (especially mobility disability) using some promo codes. This service comprise the use of special vehicles (usually vans in an urban environment) that can transfer SwD (mobility disability) and their wheelchairs.

http://www.aast.edu/en/services/pdf/bus-scheme-for-AASTMT-students-lines.pdf

#### **Bus Lines Serving Students Of The AASTMT**

• **First Round of Lines** depart to the **AASTMT** on **7:00AM** for **ten routes**; these routes are attached in the following table (in Arabic language).

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سوحة

ميامى

### Progression of Accessibility Centres in higher Education for Students with disabilities in North Africa

The state of the s				
مساز الفطوط	وصول أبي قير	توقيت بداية الخط	تقطة البداية	الخط
محطة الرمل ـ ش بور سعيد الكورنيش ش محمد تجيب ـ ميامي الى ابو قير	08:15	07:00	محطة الرمل امام سعد زغلول	الكورتيش
سیدی جایر - ش سوریا - الکورنیش ش محمد تجیب - حیامی الی ابو قبر	08:15	07:00	سيدی جابر	الكورتيش
سينما امير - الإستاد - طريق الحرية الى ميامي الى ابو قير	08:15	97:00	سيثما أمير	طريق الحرية
صبِتَلَيَّة سمر – مستَتَمَّق الطلبَّة – كوبرى كليوباترا - سيدى جابر - طريق الحرية الي ابو قير	08:15	07:10	محطة سيدى جاير أمام مثلتت البحيرة	كثيويترا
منيدي جاير - طريق الحزية الى مناسى الى ابو قير	08:15	07:15	قلمتج ش السخاوي	سودی چاپر
فلمنج ش السخاوى - طريق الحرية الى حيامي الي ابو قور	08:15	07:15	عدارات الالكا	قمنج
سموحة + كريري كليوبائرا + الكورتيش ش محمد نجيب - ميامي الي ابو قير	08:15	97:00	سعوحة أمام منيزية الأمن	سوحة
سعوحة + كويرى كاليوبائرا + الكورتيش ش محمد تجيب ،	08-15	97-00	سعوجة امتوجدية	سددة

08:15

08:15

08:15

97:00

07:30

07:45

دور أول

The second round of Lines departs to the AASTMT starts at 9:00 AM for **five routes**; these routes are attached in the following table.

مسار الخطوط	وصول ابی قیر	توقيت بداية الخط	تقطة البداية	الخط
محطة الرمل - ش بور سعيد - ش سوريا - + الكورنيش ش محمد نجيب - ميامي الي ابو فير	10:15	09:00	محطة الرمل امام سعد زغلول	الكورنيش
سموحة + كويرى كايوباتر ا ∔ الكورتيش ش محمد نجيب ـ ميامي الي ابو قبر	10:15	09:00	سموحة مام مديرية الأمن	سموحة
سيدى جاير - طريق الحرية الى ابو قير	10:15	09:15	محطة سيدى چاپر أمام مشلتت البحيرة	میدی جابر
سيتما امير - الامئاد - طريق الحرية الى ابو قير	10:15	09:00	سيثما أمير	الحرية
منامی آلی ابو قبر	10:15	09:30	ميامى أمام الأكاليمية	ميامي

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ميامي الي ابو فير ميامي الي ابو قير

ميامي الي ابو قير

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• Six Bus lines are leaving the AASTMT on 2:30 PM to different destinations are attached in the followign table.

#### دور أول الساعة (2:30 ظهرا

مسار القطوط	توقيث يداية الخط	نقطة البداية	الخط
ابو قير عطريق الملاحة - ش 45 - الكرتبش الي محطة الرمل	02:30	ابو قير	لكورنيش
ابو قير حاريق الملاحة - ش 45 - طريق الحرية الى سياما امير	02:30	ابو قير	الحرية
ابو قبر حذريق الملاحة - ش 45 - طريق الحرية الى سيدى جابر	02:30	ايو غير	الحرية رشدى
ابو قبر حطريق الملاحة - ش 45 - ش ابو قبر - كوبرى كاليوباترا - سموحة	02:30	ابو قير	سوحة
ابو قير حطريق الملاحة - ش 45 - ش ابو قير - كوبرى كليوباترا - سموحة	02:30	ابو فير	سوحة
ابو قبر حيامي	02:30	ابو قبر	ميلمئ

• Another Six Bus lines are leaving the AASTMT at 4:30 PM.

#### دور ثائي الساعة (4:30 مساء

منبار القطوط	توقيت بداية الخط	تقطة البداية	الغط
ابو قير حطريق الملاحة - ش 45 - الكرنيش التي محطة الرمل	04:30	ابو قير	الكورتيش
ابو قير -طريق الملاحة - ش 45 - طريق الحرية الى سيلما امير	04:30	ابو قير	الحرية
ابو فير -طريق الملاحة - ش 45 - طريق الحرية الى سيدى جابر	04:30	ايو قير	الحرية رشدى
ابو قبر خطریق الملاحة - ش 45 - ش ابو قبر - کوبری کلیوباتر ا - سموحة	04:30	ابو قير	سموحة
ابو قير حطريق الملاحة - ش 45 - ش ابو قير - كوبرى كليوباترا - سموحة	04:30	ابو قير	سوحة
ابو قبر حياسي	04:30	ايو قير	ميامى

• Last round of buses leave AASTMT on 6:00 PM from the AASTMT.

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اعة 6:30 مساء			
مسار الخطوط	توقيت يداية الخط	نقطة البداية	الخط
ابو قبر -طريق الملاحة - ش 45 - الكرنيش الى محطة الرمل	06:30	ابو قير	الكورنيش
ابو قبر حطريق الملاحة ـ ش 45 ـ طريق الحرية	06:30	ابو قير	الحرية

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#### INFORMATION FOR STUDENTS

### Study guidelines

AASTMT is inclusive and all of its colleges are equally welcoming to disabled and non-disabled students.

#### A. Student Admissions

The students are admitted to the faculties on the basis of their general secondary school certificate record (or its equivalent). At the time of admission, applicants must not be more than 22 years of age at the time of enrolment (must declare his military conscription status) and not being previously expelled from any other university.

Applicants take a placement English test to evaluate their English language level. Should they not pass the placement test, applicants are required to take a preparatory English language course on-campus. This preparatory course is taught by the same staff member teaching English courses in Engineering.

All information about admission, documents & fees are available on the following link: <a href="http://www.aast.edu/admissionrequirements">http://www.aast.edu/admissionrequirements</a>

#### **General Admission Rules and Regulations**

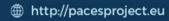
1. Admission rules and regulations of Egyptian General Certificate of Secondary Education

The Supreme Council for Egyptian universities for higher education sets the minimum acceptance percentage for three stages. In Year 2015, the minimum acceptance percentage for the first stage and the second stage has been set to 85% and the minimum acceptance percentage for the third stage has been set to 80%.

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- 1. The number of total schooling years must be 12 years or three schooling years after the successful completion of the Egyptian Preparatory School.
- 2. Successful completion of Arabic and Religious education courses from the Ministry of Higher Education.
- 2. Specific Admission Rules and Regulations of the GCE (General Certificate of Education) and GCSE (General Certificate of Secondary Education)

Successful completion of the GCE Mathematics Section

- 3. Requested courses and grades of International General Certificate of Secondary Education (IGCSE)
  - 1. The number of schooling years must not be less than 12 (or three years have passed on successful completion of the Egyptian preparatory school)
  - 2. Successful completion of the courses qualifying for admission into preferred majors.
  - 3. Successfully completion of Arabic and Religious education courses from the Ministry of Higher Education.

#### Mandatory Courses

English Language or English Literature, Physics, Chemistry, Mathematics and Advanced Mathematics (A Level) or Advanced Supplementary Level Mathematics (AS Level).

#### • Elective Courses

#### Four courses from the following prospectuses:

Four courses from the following prospectuses: Computer, Economics, Accounting, Business Studies, Biology, History, Geography, French, Arabic as First Language, Information Technology and Art & Design.

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#### **Required Grades**

Minimum grade "C" for "O" Level and minimum grade "E" for AS and A level are required.

For more details, please refer to attachment 2.

#### 4. Requested Courses and grades of American Diploma

- 1. Successful completion of SAT2 with a minimum score of 900 points in two courses, one of which must be Mathematics and the other can be Physics, Chemistry, or Biology.
- 2. Successful completion of maximum three courses in the eleventh grade at school and a minimum of five new courses in the twelfth grade (including none repeated courses from the eleventh grade).
- 3. Successful completion of SAT1 exam with a minimum 1200 points and the SAT2 exam with a minimum 900 points but the combination of points should satisfy the acceptance percentage set by the Supreme Council for Egyptian Universities as mentioned above.

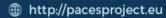
### 5. Requested requirements of Egyptian General Certificate of Secondary Education

Admission requirements for Egyptian General Certificate of Secondary Education are set according to the rules of The Supreme Council of Egyptian Universities. It should be noted that the rules of the Supreme Council of Egyptian Universities are, also, applied for IGCSE and American Diploma certificate holders.

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### **B. Evaluating Student Performance**

AASTMT Information and Documentation Center (IDC) has developed an information system to serve different departments and colleges inside the AASTMT campus. The information system is composed of eight different software activities serving different entities inside the AASTMT. The CET is one of the entities and has therefore access to the "College and Education Software Activity". This activity is composed of four software modules; Academic Advising System, Scheduling System, Academic and Research Activities of Faculty Members System, and Web Services (Academic Advising, and Scheduling Systems) System.

The Academic Advising System can be accessed by the academic advisor committee for the registration and advising process. The academic advising committee can retrieve information about the student performance and monitor it by accessing their transcripts, GPA calculation reports, and course schedule planning sheet. More details about monitoring student performance are given in Section D.

### **Assessment and Grading System** Assessment

The faculties adopt a continuous assessment system. The total marks of the assessment of a typical course are 100 which are distributed along the semester as follows:

- 30% of the grade is declared after the 7th week of class.
- 20% of the grade is declared after the 12th week of class.
- 40% of the grade is allocated to the final exam and is declared after the 16th week of class
- 10% of the grade is awarded based on the student attendance, participation and assignments submission.

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AASTMT uses a standard 4-point grading scale, and its equivalent letter grading system, as the framework for student evaluation. From the 4-point scores, cumulative and major grade point averages are determined. General grade is set according to the cumulative grade point averages as listed in Table 1-2 and also can be found on the following link: <a href="http://www.aast.edu/gradingsystem">http://www.aast.edu/gradingsystem</a>.

Table 1-2: General grade and its respective GPA and percentage.		
General Grade	GPA	Average Marks
Satisfactory	$2.0 \leq \text{GPA} < 2.4$	50% - less to 60%
Good	$2.4 \leq GPA < 2.8$	60% - less to 70%
Very Good	$2.8 \le \text{GPA} < 3.4$	70% - less to 85%
Excellent	<b>GPA</b> ≥ 3.4	85% and above

CET policies for those cases where a student's cumulative GPA falls below 2.0 are outlined in the academic advisory in section D. These policies are outlined in the CET Catalogue and are available at the college website <a href="http://www.aast.edu/en/colleges/coe/">http://www.aast.edu/en/colleges/coe/</a>.

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A student's grade point average (GPA) is computed by dividing the total number of grade points accumulated by the total number of semester hours attempted.

#### **Evaluating Student Performance**

The grading is applied to all courses out of 100 marks, with the exception of practical training course (IM400) which is graded as a pass/fail course.

Grading is listed in Table 1-3 also on <a href="http://www.aast.edu/coursegrades">http://www.aast.edu/coursegrades</a>; where, A+, A-, B, B+, B- and C+ are passing grades C- and D are conditional passing grades, which are not counted as passing grades unless the student achieves the required cumulative Grade point Average for his registered Credit hours upon graduation, which is 2.0.

If the student fails to do so, he/she shall have to repeat a number courses with grade C- and D that are recommended by the academic advisor to improve his/her GPA.

**Table1-3: Grading system** 

	Tunier of Grading System		
Marks	Grade	Verbal Grade	
95 or above	A+	Excellent	
90 to less than 95	A	Excellent	
85 to less than 90	A-	Excellent	
80 to less than 85	B+	V. Good	
75to less than 80	В	V. Good	
70to less than 75	B-	V. Good	
65to less than 70	C+	Good	
60to less than 65	С	Good	
55to less than 60	C-	Satisfactory/conditional Pass	
50to less than 55	D	Satisfactory/Conditioned Pass	
Less than 50	F	Fail	

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- A: Performance of the student has been of the highest level.
- *B*: *Performance of the student has been good.*
- *C*: *Performance of the student has been adequate.*
- D: Performance of the student has been less than adequate.
- F: (Fail) Performance of the student has been such that course requirements have not been met.
- *I:* (Incomplete) Performance of the student has been incomplete due to circumstances beyond his/her control.
- W: Withdrawal from the course.
- U: (Ungraded): Registration done for the course but still ungraded

A+, A-, B, B+, B- and C+ are passing grades. C- and D are conditional passing grades, which are not counted as passing grades unless the student achieves the proper cumulative Grade Point Average for his registered credit hours. If he fails to do so, he shall have to repeat the Courses with grade C- and D to raise his GPA. The grading system is applied to all the courses, with the exception of practical training course (IM400) which is graded as a pass or fail course.

### Attendance, Absence, Withdrawals and Academic Probation

#### Attendance

Regular attendance in all classes is required and attendance is mandatory. Students are expected to arrive on time and remain in class for the entire period scheduled. The responsibility for work missed due to any type of absence rests with the student.

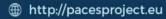
Students are expected to attend every class session (lectures, tutorials, labs, etc.). Each instructor will maintain current records and will, upon request, furnish an accurate report of any student's attendance pattern to the Registration Office. Attendance is checked from the first class meeting; therefore, late registrants will have some absences when they first meet a class.

#### Absence

When students are absent, for any reason, they are still responsible for the content of the missed lecture and for any assignments. If the absence causes the student to miss a major examination: that examination may be made up if the instructor is convinced that the absence was justified. A student's attendance record is a legitimate part of the criteria, which the instructor may use in assigning a grade for the courses. It is the responsibility of students to be aware of the attendance policies for their classes.

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#### Withdrawals

After the student has missed over 20% of class, the student will be asked to withdraw from the course and a grade of "W" will be entered.

Students can withdraw from study during a semester and before the final examination by filling out a withdrawal permit; have it properly executed by the Registrar in order to leave a clear record. A student completing this process will have a "W" recorded on the permanent record.

#### **Academic Probation**

Students are placed on academic probation if their accumulative GPA is less than 2.00 at the end of any semester on the credits hours attempted at the AASTMT. More details about academic probation are available in Section D.

#### Meeting Prerequisites

Students of the each program must meet both the college and program required courses under the supervision of the academic advisor. Students are not entitled to register any course without the completion of the prerequisite course(s). Students have no other way of registering courses except through Academy Advising Software System, which ensures that students fulfill the prerequisites' conditions.

#### C. Transfer Students and Transfer Courses

In August 2008, the College has formed a committee that constitutes a number of faculty members who are directly involved with the transfer of students and courses. The committee objective was to revise the rules pertinent to the transfer process and also to recommend the mechanism by which this process is performed. This section briefly discusses the rules and mechanism set by this committee and that are put in effect since August 2008.

#### **Transferring Hours from other colleges or institutions**

The college accepts transferred students from other colleges or institutions given that students meet the requirements for AASTMT admission. In addition, the college allows transfer of credit hours of enrolled students at any time during their course of study (in cases of exchange or visiting students programs for example).

The transfer of students and credit hours from other colleges or institutions must be approved by the Deanery of Admission and Registration who is responsible for guaranteeing that the applicant satisfies all these requirements and also for checking the authenticity of the documents presented by the applicant.

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Upon approval, the deanery of admissions and registration forwards the applicant request along with the documents he/she provided to the college. The college, in turn, forwards the documents to the department running the program that the student is transferring to. Each department nominates an academic advisor for processing the transfer requests; where, credit transfer is carried out according to the following guidelines:

- 1. Credit can be transferred for applicants from Public Universities with a minimum grade of "D" or an equivalent of 50%. On the other hand, Credit can be transferred for applicants from Private Universities given that the student's grade is at least "C" or an equivalent of 60%.
- 2. The course can be transferred if the number of credit hours studied by the applicant in the other college is equal to or greater than the number of credit hours for the same course at the selected program.
- 3. If the student is applying from a college that does not adopt a credit hour system, the number of contact hours is used as a guide for evaluating the courses' credit.
- 4. The course can be transferred if its scientific content maps to at least 80% of the scientific content of the same course at the concerned program. For courses offered by other departments to the required program, academic advisors in these departments may be contacted to verify this issue. Also, in some cases, the academic advisor may request further details about the course contents, which is provided by the applicant through the Deanery for Admission and Registration.
- 5. A transfer student has to complete a minimum of 90 credit hours (50% of total credit required for graduation) at the desired program to obtain graduate degree.
- 6. The academic advisor prepares a list of the courses studied by the applicant in other universities that satisfy the rules of credit transfer mentioned above and their equivalent courses in each program. This list is verified by the head of program and, upon approval, is sent back to the Deanery of Admission and Registration.

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Finally, the Deanery of Admission and Registration enrolls the approved students in the specified program or transfers the approved credits for current students; where, credit hours of transferred courses are counted as achieved credit hours only and will not affect the GPA of the student. A fresh transfer student would have a GPA of 0.0 regardless of the number of credit transferred. A student who is already enrolled in the program and transfers credit into the program would not affect his GPA.

### **Transfer from Other Programs**

A student at the college may transfer from one program to another upon his/her request. Also, in some cases this might be the recommendation of the academic advisor if the student's cumulative average is less than 2.00 for more than 2 semesters.

The student applies for the transfer to another program at the Deanery for Admission and Registration and receives a "Request for Transfer" form and his transcript. The student then head to the department running the program he/she wishes to transfer to; where, he/she gets the approval of the head of program.

The head of program approval depends on the qualifications of the student (GPA and grades in courses relevant to the program) and based on the availability of vacant places in the program.

Upon approval, the academic advisor for processing transfer requests performs the transfer; where, credit transfer is carried out according to the following guidelines:

Credit for a course can be transferred given that the student's grade is at least "D".

The course credit can be transferred if the number of credit hours studied by the applicant in the other program is equal to or greater than the number of credit hours for the same course at the transferred program.

The course can be transferred if its scientific content maps to at least 80% of the scientific content of the same course at the concerned program. For courses offered by other departments to the transferred program, academic advisors in these departments may be contacted to verify this issue.

The academic advisor prepares a list of the courses studied by the applicant in other program that satisfy the rules of credit transfer mentioned above and their equivalent courses in the transferred program. This list is verified by the head of program and, upon approval, is sent back to the Deanery of Admission and Registration.

Finally, the Deanery of Admission and Registration enrolls the approved students in the transferred program or transfers the approved credits for current students; where, credit hours of transferred courses are counted as achieved credit hours and points;

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	thus, it will affect the GPA of the student. It should be noted that freshmen year students (semester one and two) are allowed to transfer into the required program automatically upon their request; except for students transferring from Architectural Engineering and Environmental Design and Marine Engineering.
Local disability coordinators and student tutors	<ul> <li>Each department in AASTMT has its academic advising committee who helps its students including SwD in:</li> <li>Advising SwD in the registration process.</li> <li>Taking academic decisions related to their study.</li> <li>Create supportive space for SwD.</li> <li>Increase awareness and advocacy for accessibility in AASTMT.</li> <li>The head of the academic advising committee, who is an associate or assistant professor in each department, has a team of Graduate Teaching Assistants (GTAs) and Teaching Assistants (TAs) who help with the advising and registration process.</li> <li>The advising committee can help students preparing their schedules, completing degree plans, and generally can consult students on academic matters, but it may not assume responsibility for the student's academic progress and ultimate success or failure.</li> <li>Students have an access to the Academic Advising System through their portal only if they have achieved more than 34 credit hours and an accumulated GPA more than 2.2.</li> <li>SwD encountering discrimination or harassment should request the Deanery of Student Affairs to solve these challenges.</li> <li>Deanery of Student Affairs is keen to improve the learning of all students including SwD at the University.</li> <li>Denary of Student Affairs aims to involve SwD through a variety of events, workshops, trips, leadership positions, programs and services.</li> <li>The vice dean of the CET for training and community service provides help and advice to students having any inquiries about training. The vice dean has an Industrial Advisory Committee which holds meetings on a semi-annual basis. These meetings discuss the opportunities of students' practical training, job market of the college's graduates and finally the industrial problems that may be treated in the research projects.</li> </ul>

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	<ul> <li>SwD in each program have accordingly trained in well-known companies nationally and internationally.</li> <li>SwD interested in training opportunities should contact the CET to know the</li> </ul>
	procedure the required templates and the list of companies in which they can have their training.
	<ul> <li>Moreover, the AASTMT Alumni organizes a job fair every year to provide job opportunities and discuss career, resume and interviewing tips.</li> </ul>
	The AASTMT has also a unit for international agreements that help students with internships and student exchange programs. Students can access the website ( <a href="http://www.aast.edu/en/sites/iacu/contenttemp.php?page_id=424000_16">http://www.aast.edu/en/sites/iacu/contenttemp.php?page_id=424000_16</a> ) for more information about student exchange programs, dual degree programs, and a list of international partners.
	• It is the student's responsibility to know the requirements for registration & graduation. All program information, graduation requirements, grading system, etc. are available in the AASTMT.
Assistance with time	To ensure efficient time management and other organizational strategies SwD are offered the following
management and	Academic Advising
organizational	Time Management Training
strategies	Student Support Scheme (SSS)
	Academic advisor are ready to empower SwD on how to utilize their time and workload through office hours. Moreover, Time Management training sessions are offered to Students and to the Volunteers in the Student Support Scheme (SSS). These sessions are delivered on-campus through traditional
	lectures and workshops to use <b>time planning tools</b> . Electronic version of the

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	courses' materials will be provided to the students in order to overcome any challenges facing them through their academic period.
Service animal guidelines	N/A

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INFORMATION FOR STAFF	
Guidelines for interacting	Accessibility center will make sure that:
with people with disabilities	<ul> <li>AASTMT's faculty staff have the will and culture of inclusion for different of learners including SwD.</li> <li>Make the courses accessible for SwD.</li> <li>Ease the Communication with students.</li> <li>Physical spaces of learning.</li> <li>Introduce Classroom inclusion culture.</li> <li>Offer out of class activities that invl</li> <li>Preparing student support scheme sessions.</li> <li>For any consultation or more information please contact the Accessibility center which will offer training modules on the following</li> <li>Diversity Education and Support,</li> <li>Non-traditional Students,</li> <li>Student Conflict Resolution Services</li> </ul>
Volunteering Opportunities	A SwD will interact with the Accessibility Center staff, his/her academic advisor, volunteers, secretaries, and librarians.
	<ul> <li>It is the Accessibility Center responsibility to inform the Volunteers about the newly introduced role they have.</li> <li>Accessibility centers will raises general staff's and professors' awareness on disability issues.</li> <li>For example, faculty secretaries who deal with SwD are trained on: how to communicate with them using alternative means, how to provide support to them, the Accessibility Center services in order to notify the student in turn, and they are familiarized with the Students' Needs.</li> <li>On the other hand, staff members will attending special seminars on using and demonstrating the available assistive technologies that installed in the AAST labs.</li> </ul>

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The advisor professor for students with disabilities in each faculty is informed by the Development Center for Faculty members at AASTMT about the course attendance, examination arrangements, and of all the alternative options for the disabled students.

- Volunteers will be involved in trainings about the SwD and how to assist SwD that will be offered.
- It was decided that the volunteered students will be monitored through the integration of efforts PACES team members with the Dean of Students Affairs in the Arab Academy for Science, Technology & Maritime Transport.
- To ensure the sustainability of the Volunteering Student Support Scheme, the Dean of Students Affairs will aware the newly enrolled students to volunteer with the Student Support Scheme- peer to peer during the orientation events.

There, will be certificates to the workshops / trainings for the enrolled students in the volunteering work.

- **Peer tutoring:** is easing academic and problematic courses specially if there are lots of missing information due to their disabilities.
- **Peer mentoring:** is supporting and leading SwD through the learning process and academic campus life.
- **Peer mediation:** is to facilitate the experience of education of SwD and resolve any obstacles that may obstruct the learning process for SwD in private.
- **Peer education:** is teaching SwD through specialized educators in their field of study.

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