



# IT Technologies in TSMU (brief overview)

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**Medical Informatics Department**

<https://sites.google.com/a/tdmu.edu.ua/medical-informatics/>

<https://plus.google.com/u/0/b/105928281998211737833/105928281998211737833/about>



# Most important components of the TSMU IT- infrastructure

1. Cloud services [Google Apps For Education](#) and [Microsoft Office 365](#)
2. University web-site and user homepage (<http://www.tdmu.edu.ua>)
3. Learning management system Moodle ([http://moodle.tdmu.edu.ua/](http://moodle.tdmu.edu.ua) and [dl.tdmu.edu.ua/](http://dl.tdmu.edu.ua))
4. Video- repository ([http://videotube.tdmu.edu.ua/](http://videotube.tdmu.edu.ua))
5. Digital (text) repository ([http://repository.tdmu.edu.ua/](http://repository.tdmu.edu.ua))
6. Scientific journals publishing system ([http://ojs.tdmu.edu.ua/](http://ojs.tdmu.edu.ua))
7. Scientific conferences publishing system ([http://conference.tdmu.edu.ua/](http://conference.tdmu.edu.ua))



# 1. Cloud technologies in TSMU

**“Cloud Computing”** means storing and accessing data and programs over the Internet instead of your computer's hard drive. The cloud is just a metaphor for the Internet.

**Cloud computing** means that instead of all the computer hardware and software you're using sitting on your desktop, or somewhere inside your company's network, it's provided for you as a service by another company and accessed over the Internet, usually in a completely seamless way.



# Cloud technologies benefits

- **No more carrying around devices.** You don't need to worry about losing the device, breaking the CD, etc...
- **Easy access!** Lesson plans, labs, grades, notes, PowerPoint slides – just about anything digital that you use is easily uploaded and accessed anytime.
- **Stability:** cloud computing is now to the point of being a very stable technology that you can rely on.
- **Security:** Your data, content, information, images – anything you store in the cloud usually requires authentication (ID and password, for example) – so it is not easily accessible by anyone.
- **Shareability:** Working on an instructional assignment with other students? You can share some or all of your files that you have stored in the cloud. No more obtaining an extra thumb drive. You just need to send a link to the file(s) destination.
- And much more!



# Cloud services access requirements

- Mandatory required:
  - Internet connection (mobile preferred)
  - Computer (desktop, laptop, netbook, tablet, smartphone)
  - Installed web-browser application.
- Recommended:
  - Cloud service distributor (for the best access)
  - Skills of the effective internet and web-application usage.



# How it look like in reality: Google Datacenter



Our Council Bluffs data center provides over 115,000 square feet of space. We make the best out of every inch, so you can use services like Search and YouTube in the most efficient way possible.



# Most popular cloud services in the world



**TSMU students have chance to access those services free and favourable accordingly**  
**special academic licenses!**



# Cloud platform Google Apps For Education



Some key services:

- Electronic mail Gmail (with integrated Hangouts audio-video messaging service);
- Google Calendar;
- Google Drive and Google Docs – allow to create and edit web-based **documents**, spreadsheets, and presentations. Users can store **documents** online and access them from any computer (**unlimited for students!**);
- Google Sites – easy-to-create websites for your teams.
- Google Photo (**unlimited for students!**)
- Social network Google+





# Cloud platform Google Apps For Education

	A	B	C	D	E	F	G	H	I
1	Input	Expected Output	Actual Output	Pass?	13	33	39%		
2	1	1	Not yet impleme	FALSE					
3	2	2	Not yet impleme	FALSE					
4	3	fizz	fizz	TRUE					
5	4	4	Not yet impleme	FALSE					
6	5	buzz	buzz	TRUE					
7	6	fizz	fizz	TRUE					
8	7	7	Not yet impleme	FALSE					
9	8	8	Not yet impleme	FALSE					
10	9	fizz	fizz	TRUE					
11	10	buzz	buzz	TRUE					
12	11	11	Not yet impleme	FALSE					
13	12	fizz	fizz	TRUE					
14	13	13	Not yet impleme	FALSE					
15	14	14	Not yet impleme	FALSE					
16	15	fizzbuzz	fizz	FALSE					
17	16	16	Not yet impleme	FALSE					
18	17	17	Not yet impleme	FALSE					
19	18	fizz	fizz	TRUE					

5A) SELECT FILE -> PUBLISH TO T...

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**Introduction**

- Problem solving expert – Ability to work in multiple technologies and provide robust solutions to challenging problems
- 18+ years of IT experience performing in roles of developer, business analyst, team leader and project manager
- Highly experienced, motivated and adaptable developer/analyst within Lotus Notes/Domino technologies
- Extensive analytical capabilities with many years of SQL reporting
- Lesser experience but very capable working in Crystal Reports, Business Objects, Google Analytics and other BI tools
- Solid experience and expertise working with Microsoft Office: Word, Excel, PowerPoint, Access, Visio, VBA/Scripting
- Experience with basic graphic design – Adobe, Illustrator, Corel/PDF, etc.
- Sound knowledge of web design principles and best practices – Web 2.0, HTML5, CSS3, JavaScript, jQuery, AJAX, etc.

**Objective**

Secure a position that will provide an opportunity to add value to prospective employers utilizing my diverse background and skill sets. Ideally I would like to work in an environment that presents a challenge and potentially an opportunity to learn additional skill sets while leveraging my experience and knowledge.

**Skills Sets**

SQL, MySQL, Oracle, SQL Server, MS Office, Graphic Design, Requirement Gathering, Documentation, User/System Training, Lotus Notes, LotusScript, LFE, LEXLFC, iPages, PHP, jQuery, JSON, AJAX, HTML5, CSS3, JavaScript, Visual Basic/VBA, MS Access, OLE, ODBC, ADO, SQL, OO Programming, XML/XSL, SDLC, Data Masking, Crystal Reports, Business Objects, WebSphere SSO, RDBMS, Web Services/SOA



# Cloud platform Google Apps For Education

Google

Buscar en Calendar

+Claudio

Calendar

Hoy

16 – 20 de dic de 2013

Dia Semana Mes 3 días Agenda Más

CREAR

GMT+01

	lun 16/12	mar 17/12	mié 18/12	jue 19/12	vie 20/12
00:00 – 06:00					
06:00					
06:30 – 07:20	Mat II - 2º Bach (Biol)	Mat II - 2º Bach (DT)	Mat Aplic CCSS I - 1º Bach	Mat A - 4º ESO B	Ampli Mat - 2º ESO
07:00					
08:00	08:20 – 09:15 Ec plano (2)	08:20 – 09:15 Problemas (2)	08:20 – 09:15 CHL	08:20 – 09:15 Estadística (2)	
09:00	09:15 – 10:10 Ec 2º grado (3)	09:15 – 10:10 CHL	09:15 – 10:10 Problemas	09:15 – 10:10 Problemas (3)	09:15 – 10:10 Examen
10:00					
10:30 – 11:25	JD	10:30 – 11:25 Problemas	10:30 – 11:25 Estadística (1)	10:30 – 11:25 Problemas	
11:00	11:25 – 12:20 Ec plano (2)	11:25 – 12:20 Problemas	11:25 – 12:20 Problemas	11:25 – 12:20 CCP	11:25 – 12:20 Examen
12:00					
12:40 – 13:35	Problemas	12:40 – 13:35 JD		12:40 – 13:35 Problemas	
13:00		13:35 – 14:30 Problemas		13:35 – 14:30 Problemas	
14:00					
15:00					
16:00					

▼ diciembre de 2013

L M X J V S D

25 26 27 28 29 30 1

2 3 4 5 6 7 8

9 10 11 12 13 14 15

16 17 18 19 20 21 22

23 24 25 26 27 28 29

30 31 1 2 3 4 5

▼ Mis calendarios

- Claudio Martínez
- Ampliación de Mat - ...
- Matemáticas A - 4º E...
- Matemáticas Aplic. a ...
- Matemáticas II - 2º B...
- Matemáticas II - 2º B...
- Tareas

▶ Otros calendarios



# Cloud platform Microsoft Office 365

Common services:

- Email (MS Exchange), Calendar, video-conferences (MS Lync);
- User file storage with MS OneDrive
- Abilities to instant creating and editing all MS Office documents (texts, spreadsheets, presentations)
- Digital Dashboard;
- Web-site development with SharePoint;

In general, list service is very similar to existing in the Google Apps For Education

# Cloud platform Microsoft Office 365



Simon Fisher - Outlook Web  
https://amsprd0502.outlook.com/owa/?exsvurl=1&l=cc=en-US&realm=office365.com&CBCXT=out&wa=wsignin1.0#

Office 365 Home Outlook Team Site sign out Simon Fisher

Calendar > August 2011

August 2011  
S M T W T F S  
31 01 02 03 04 05 06  
07 08 09 10 11 12 13  
14 15 16 17 18 19 20  
21 22 23 24 25 26 27  
28 29 30 31 01 02 03  
04 05 06 07 08 09 10

My Calendars  
Calendar

01 monday 02 tuesday 03 wednesday 04 thursday 05 friday

07:00  
08:00  
09:00 Meeting with SVD  
10:00 Year 9 ICT  
11:00 Staff Meeting  
12:00  
13:00  
14:00 Year 11 GCSE ICT  
15:00 Year 13 ICT  
16:00  
17:00 SMT  
18:00  
19:00  
20:00  
21:00  
22:00  
23:00

Mail  
Calendar  
Contacts  
Tasks

Untitled Meeting  
https://amsprd0502.outlook.com/owa/?ae=Item&a=New&t=IPM.Appointment&fid=LgAAAAAK2bXvCj...  
Send HTML  
Appointment Scheduling Assistant  
Start: Mon 01/08/2011 11:00 End: Mon 01/08/2011 12:00  
 Show only working hours

Select Attendees  
Simon Fisher  
Add a name

Select Rooms  
Add a room

Suggested Times  
August 2011  
S M T W T F S  
31 01 02 03 04 05 06  
07 08 09 10 11 12 13  
14 15 16 17 18 19 20  
21 22 23 24 25 26 27  
28 29 30 31 01 02 03  
04 05 06 07 08 09 10

Duration: 1 hour  
Suggestions are not provided for dates that occur in the past.

Busy Tentative Away No Information  
Good Fair Poor



# How students can receive access to the TSMU cloud services

1. In the Dean`s Office receive information about your **personal Gmail account under TSMU domain (login and password)**;
2. First time authorize (log-in) and confirm service usage conditions at:  
<https://accounts.google.com/ServiceLogin>
3. **Enjoy (:**
4. To access the **Microsoft Office 365 service** an additional request (via dean`s office) is required




# General user account authorization

<https://accounts.google.com/ServiceLogin>


One account. All of Google.

Sign in with your Google Account

  
  
  
  
 Stay signed in [Need help?](#)

[Create an account](#)

One Google Account for everything Google





# The TSMU provided GMail mailbox



Email search box

Андрій

Mail

TSMU Gmail mailbox

User menu panel

COMPOSE

Inbox

Starred  
Important  
Sent Mail  
Drafts (9)

Categories

Circles

mis\_elex  
tdmu-admin  
tdmu-distance

tmp-students (127)

tdmu-science (8)

More

Mail management tools

Primary Social Promotions Updates

Incoming mails

<input type="checkbox"/>	☆	»	Ирина Меленчук	Fwd: Attend the upcom	Aug 25
<input type="checkbox"/>	☆	»	admin	Google Analytics: Audi	8:27 am
<input type="checkbox"/>	★	»	me, Андрій (2)	рекомендовані сайти д	Aug 18
<input type="checkbox"/>	☆	»	Volodymyr Kovalok	(no subject) - http://rfer.	Aug 17
<input type="checkbox"/>	☆	»	admin	Google Analytics: Audi	Aug 17
<input type="checkbox"/>	★	»	Vasilij Marzeniuk	FW: II Міжнародна нау	Aug 12
<input type="checkbox"/>	☆	»	admin	Google Analytics: Audi	Aug 10
<input type="checkbox"/>	★	»	Volodymyr Kovalok	new jobs at IBM - IT Sp	Aug 6
<input type="checkbox"/>	☆	»	Дмитро, me (2)	Логін на контингент - 1	Aug 4
<input type="checkbox"/>	☆	»	Jasmine-pre., me (2)	відеофільм про універ	Aug 3
<input type="checkbox"/>	☆	»	Volodymyr Kovalok	(no subject) - https://jok	Aug 3
<input type="checkbox"/>	☆	»	admin	Google Analytics: Audi	Aug 3
<input type="checkbox"/>	☆	»	admin	Google Analytics: Audi	Jul 27
<input type="checkbox"/>	☆	»	Іван, me (3)	Звернення_ректор - Дс	Jul 24
<input type="checkbox"/>	☆	»	admin	Google Analytics: Audi	Jul 20

Андрій

Адміністратор ТДМУ

Андрій Семенець

Василь Марценюк  
Invitation sent

Hangouts panel

# The TSMU provided GMail mailbox

The image shows a Gmail mailbox interface with several annotations in red callouts:

- Mailbox user interface and settings customization menu:** Points to the settings gear icon in the top right corner.
- Switching among: mailbox, contacts (personal + domain) and tasks:** Points to the 'Mail' dropdown menu in the top left.
- 1 - switch to "contacts":** Points to the 'Contacts' button in the left sidebar.
- 2 - type search criteria (ex. name):** Points to the search input field containing the text 'корда'.
- 3 - click "search":** Points to the search button (magnifying glass icon) on the right side of the search input field.
- 4 - contacts that was found in the TSMU domain:** Points to the search results list, specifically highlighting the 'Domain Contacts' section.

The search results list shows:

- Other Contacts
  - Михайло Михайло... rector@tdmu.edu.ua
- Domain Contacts
  - Інна Володимирівн... kordai@tdmu.edu.ua
  - Михайло Корда korda@tdmu.edu.ua
  - Михайло Михайло... rector@tdmu.edu.ua

The settings menu is open, showing options like 'Display density: Compact (current view)', 'Configure inbox', 'Settings', 'Manage this domain', 'Themes', 'Send feedback', and 'Help'.

Mail ▾

- Mail
- Contacts
- Tasks

Switching among:  
mailbox, contacts  
(personal + domain)  
and tasks

Mailbox user interface  
and settings  
customization menu

Contacts ▾

1 - switch to "contacts"

корда

2 - type search criteria (ex. name)

More ▾

3 - click "search"

Domain Contacts

- Інна Володимирівн... kordai@tdmu.edu.ua
- Михайло Корда korda@tdmu.edu.ua
- Михайло Михайло... rector@tdmu.edu.ua

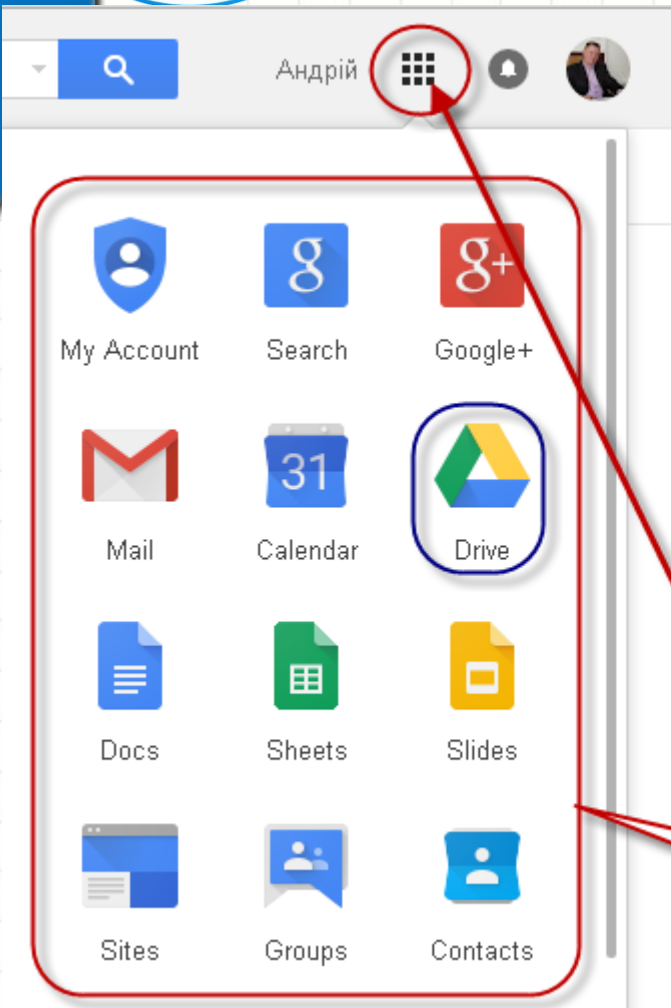
4 - contacts that was found in the  
TSMU domain

## How to search contacts in TSMU domain



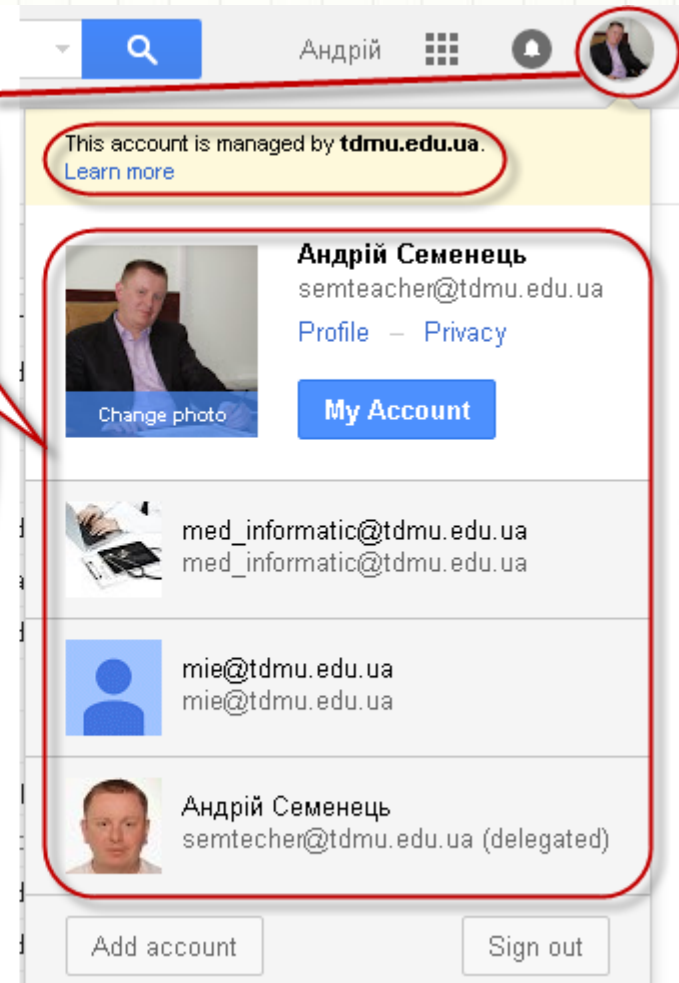


# The TSMU provided GMail mailbox



With this menu user can switch among currently logged-in user accounts or previously stored accounts

Google Apps item selection menu (scroll to have more application: GA For Education)





# The TSMU provided GDrive



Search Drive



Андрій



Drive

My Drive



NEW

Name ↑

- 1Science
- Achivements
- books
- burocracy
- Classroom
- ENGLISH
- http
- lists
- Lucidchart
- Lucidpress
- Mathematica
- media

My Drive

Details

Activity

LAST WEEK



You restricted access to an item

Fri 9:52 AM



contingent2google\_integratio...



Anyone-at-tdmu-edu.ua



You shared an item

Fri 9:50 AM



contingent2google\_integratio...

14 GB used

# The TSMU provided Google+ accounts



Search Google+



Андрій



Profile ▾

View profile as: Yourself ▾



Андрій Семенець  
tdmu.edu.ua

Works at ТДМУ  
Attended ТНТУ  
Lives in Тернопіль

61 followers | 7,105 views

About

**Posts**

Collections

Photos

YouTube

+1's

Reviews

Share what's new...



In your circles

146 people





## 2. University web-site

<http://www.tdmu.edu.ua/en/>



Toggle site language

Site authorization and user homepage access link!

Home Page   Contacts   **Staff & Student Login**   Site old version



Links to the TSMU pages in social networks

Search

Search

About

News & Events

Apply

Student Resources

Education

Research

Clinical Affairs

International Affairs

Alumni

### Rector's Appeal

Main navigation menu

Announcement and important messages panels

ADMISSION INFORMATION FOR FOREIGN STUDENTS 2015-2016

Admission information for foreign students 2015-2016



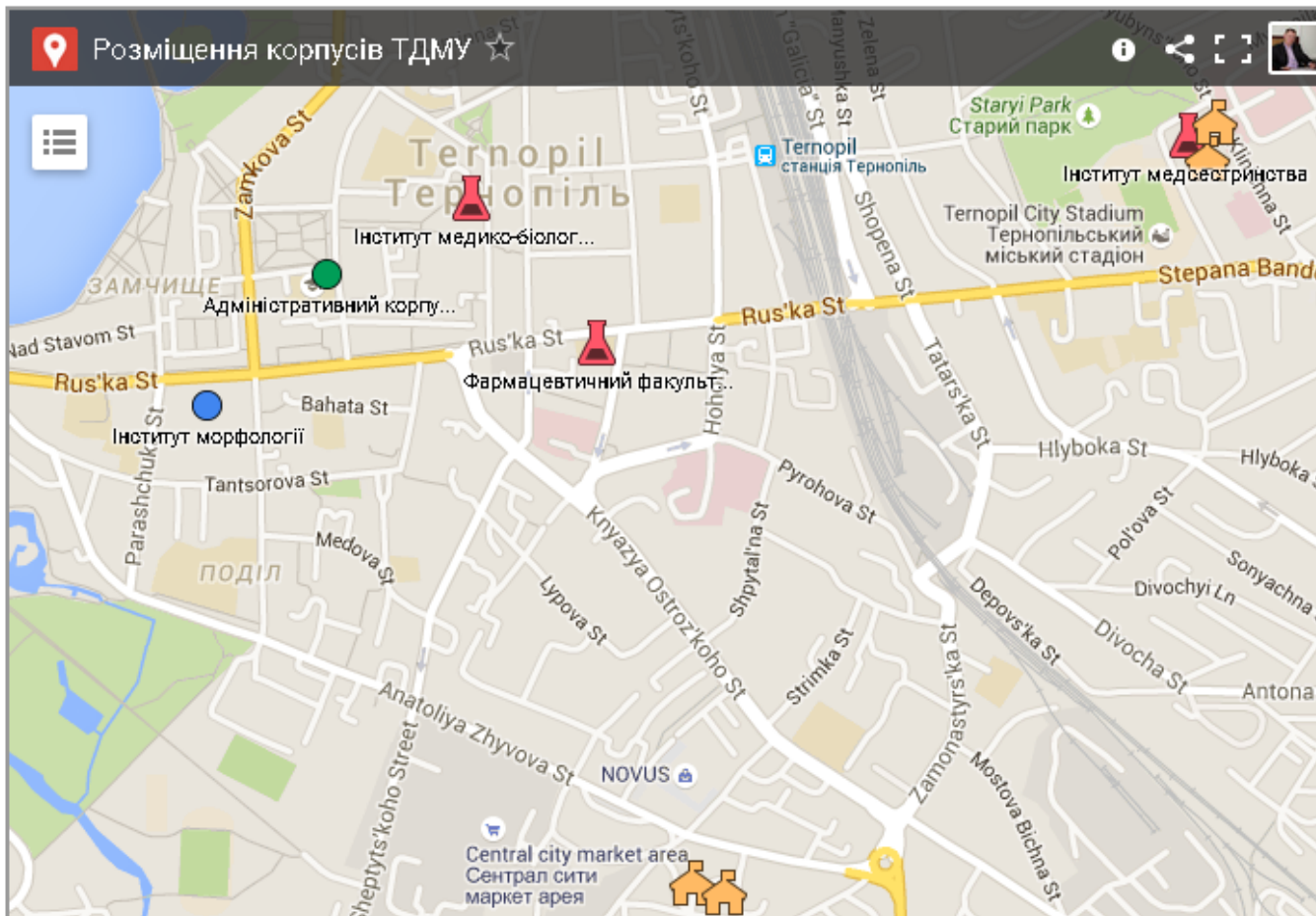
I was always astonished by the widespread energy and enthusiasm of our people. No matter if it is teaching, conducting research, maintaining every



## 2. University web-site

<http://www.tdmu.edu.ua/en/>

### University Map



ADMISSION INFORMATION  
FOR FOREIGN STUDENTS  
2015-2016

Admission information for  
foreign students 2015-2016



IMPORTANT

Two Diplomas Twice the

## 2. Login and user homepage

[https://sites.google.com/a/tdmu.edu.ua/en\\_login/](https://sites.google.com/a/tdmu.edu.ua/en_login/)



### Personal Cabinet

TSMU Home page Manuals



[LMS Moodle](#)



[Intranet](#)



[University email](#)



[TSMU Video  
hosting service](#)



[Scientific Journals  
of TSMU](#)

Links to access different TSMU services





### 3. Learning Management System Moodle

<http://moodle.tdmu.edu.ua/>

- **Moodle** is a free and open-source software learning management system. Developed on pedagogical principles, Moodle is used for blended learning, distance education, flipped classroom and other e-learning projects in schools, universities, workplaces and other sectors.
- With customizable management features, it is used to create private websites with online courses for educators and trainers to achieve learning goals.
- **Moodle (acronym for modular object-oriented dynamic learning environment)** allows for extending and tailoring learning environments using community sourced plugins.

# 3. Learning Management System Moodle

<http://moodle.tdmu.edu.ua/>

Тернопільський державний медичний університет ім. І.Я. Горбачевського (I.Ya. Horbachevsky Ternopil State Medical University)

You are not logged in.



English (en)

[Home](#) ► [Log in to the site](#)

## Log in

⚠ Your session has timed out. Please log in

Username

Password

Remember username

[Forgotten your username or password?](#)

**Now: your  
- login (or TSMU email  
address), and  
- password**

GOOGLE

**In short time:  
- just press this  
and confirm  
access**





# 3. Learning Management System Moodle

<http://moodle.tdmu.edu.ua/>

Семенець Андрій Володимирович

You are logged in as Андрій Володимирович Семенець (Log out)



English (en)

Customise this page

Dashboard

The TSMU LMS Moodle user homepage

Navigation

Dashboard

- Site home
- My courses
  - Institute of Morphology
  - Courses

Private files

img-regression\_analysis

Manage private files...

Social Networks



Install Moodle App for Android and iOS

Course overview

Information technologies in pharmacy (2 course - pharm - eng - external educ.)

Информационные технологии в фармации (2 курс - фарм - рус - заочн.ф.об.)

Higher mathematics(1 course - farm - eng - external educ)

Courses on which you are assigned in (by site administrator)

					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Private files

img-regression\_analysis

Manage private files...

Upcoming events



# 3. Learning Management System Moodle

<http://moodle.tdmu.edu.ua/>

## Medical Informatics (2 course - med - eng)

Course page

Dashboard ▶ Institute of Morphology ▶  
**Кафедра медичної інформатики (Department of Medical Informatics)**  
▶ Medical Informatics (2 course - med - eng)

### Navigation

#### Dashboard

- Site home
- Current course
  - Medical Informatics (2 course - med - eng)**
    - Participants
    - Badges
- My courses
- Courses

### Administration

- Course administration
  - Turn editing on
  - Edit settings
  - Users
  - Filters

- Новини
- Syllabus
- Schedule of lectures
- SCHEDULE OF PRACTICAL CLASSES
- Reworks - Medical Informatics (2 course - med - eng)
- Practice Skills matricule list - Medical Informatics (2 course - med - eng)
- Lecture presentations
  - lection01-medical\_informatics\_basics-telemedicine.pdf
  - lection02-coding\_classification\_basics.pdf
  - lection03-Medical\_Imaging.pdf
  - lection04-decision\_support\_systems.pdf
  - lection05-1-information\_systems.pdf
  - lection05-2-electronic\_health\_record.pdf

**Course header contain common materials:**

- syllabus,
- schedules,
- lecture presentations (for the self-education),
- materials for the self-preparing to lectures,
- rework self-appointmet scheduler,
- and many other stuff

24 25 26 27 28 29 30  
31

#### Events key

- Hide global events
- Hide course events

# 3. Learning Management System Moodle

<http://moodle.tdmu.edu.ua/>



## Topic 3

Biostatistics methods. Decision making methods.

- ✓ Medical Image analysis and processing
- ✓ Biostatistics methods. Decision making methods. Formalisation and algorithmisation medical task.
- Methodical Instruction

▼ Practical class materials

- 03-part1-Excel\_Basics\_and\_Advanced\_Calculations.pdf
- 03-part2-Statistical\_analyses\_basics.pdf

Additional readings and examples

## Topic 4

Strategy receiving medical knowledge. Formal logic for solving diagnostics and treatment task. Formalization and algorithmization medical task.

▼ Practical class materials

- Class04-part1-Advanced Excel calculations and functions.pdf

- ✓ Formal logic for solving diagnostics and treatment task. Data processing and calculations with Microsoft Excel.

**Sample content of the Topic (Class):**

- methodical instructions,
- materials for the self-preparing to a practical classes,
- quiz to check results of the self-preparing,
- and other...



# 3. Learning Management System Moodle

<http://moodle.tdmu.edu.ua/>

You are logged in as Андрій Володимирович Семенець (Log out)

## Medical Informatics (2 course - med - eng)

Dashboard ▶ Institute of Morphology ▶  
**Кафедра медичної інформатики** (Department of Medical Informatics)  
▶ Medical Informatics (2 course - med - eng) ▶ Topic 3 ▶ Methodical Instruction

Review of the built-in materials in a frame

### METHODICAL INSTRUCTION FOR STUDENTS OF THE 2 COURSE

#### LESSON № 4 (PRACTICAL – 6 HOURS)

**Theme 1.** Biostatistics methods.

**Theme 2.** Decision making methods. Strategy receiving medical knowledge.

**Theme 3.** Formal logic for solving diagnostics task, treatment and prevention of disease. Formalisation and algorithmisation medical task.

**Aim.** Learn the main principles of the Biostatistical methods. Also making methods must be learned too. Shown using of the formal logic for solving treatment and protection disease

#### Professional motivation.

Performing statistical analyses on medical-biological data would be very convenient to do in Excel. Indeed, Excel has dozens of built-in spreadsheet functions that allow you to perform all sorts of statistics calculations. The Analysis ToolPak add-in also contains several other useful functions.

**Decision support systems** are a class of computer-based information systems that support decision making activities. They are knowledge based systems that support decision making activities.

Special toolbar for the PDF-document management





# 3. Learning Management System Moodle

<http://moodle.tdmu.edu.ua/>

You are logged in as [Андрій Володимирович Семенець](#) (Log out)

## Medical Informatics (2 course - med - eng)

Dashboard ▶ Institute of Morphology ▶

**Кафедра медичної інформатики** (Department of Medical Informatics)

▶ Medical Informatics (2 course - med - eng) ▶ Topic 1 ▶ Medical informatics basics. Network technology. Telemedicine basics. Computer data processing.

Navigation

Dashboard

Site home

Current course

Medical Informatics (2 course - med - eng)

Participants

Badges

Topic 1

**Medical informatics basics. Network technology. Telemedicine basics. Computer data processing.**

My courses

Courses

## Medical informatics basics. Network technology. Telemedicine basics. Computer data processing.

Medical Informatics (2 course - med - eng) ▶ Topic 1 ▶ Medical informatics basics. Network technology. Telemedicine basics. Computer data processing.

### Confirmation

This quiz has a time limit and is limited to 1 attempt(s). You are about to start a new attempt. Do you wish to proceed?

Time limit: 24 mins

Attempts: 130

**Start of the Quiz attempt**

# 3. Learning Management System Moodle

<http://moodle.tdmu.edu.ua/>



You are logged in as Андрій Володимирович Семенець

## Medical Informatics (2 course - med - eng)

### Quiz navigation



Семенець Андрій  
Володимирович

- 1 2 3 4 5 6 7
- 8 9 10 11 12 13 14
- 15 16 17 18 19 20 21
- 22 23 24

Finish attempt ...

Time left 0:23:45

**Questions navigation panel and timer**

### Question 1

Not yet answered  
Marked out of 1.00  
Flag question  
Edit question

**Info about question and its text**

Edit question

In computer graphics and digital image processing, the word image always means:

Select one:

- a. Right ANSWER: not present
- b. ROM image
- c. Soft copy
- d. Hard copy
- e. A finite set of pixels

What is the Tomography?

Select one:

- a. It is the use of computer algorithms to perform image processing on digital images.
- b. It is the graphic representation of a cut, or slice, and implies the formation of 2D cross-sectional images free of blurring from structures not in the planes of interest.
- c. It is quantized values that represent the brightness of a given colour at any specific point.
- d. It is techniques and processes used to create images of the human body (or parts thereof) for clinical purposes or medical science\*
- e. It is an image captured in its pure state by a chosen digital recording device.

**Multi-choice question answers**

### Dashboard

- Site home
- Current course
- Medical Informatics course



# 3. Learning Management System Moodle

<http://moodle.tdmu.edu.ua/>

You are logged in as Андрій Володимирович Семенець

Medical Informatics (2 course - med - eng)

Quiz Attempt management

Quiz navigation



Семенець Андрій  
Володимирович

- 1
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Finish attempt ...

Biosignal analyses and processing. Medical Image analysis and processing.

Summary of attempt

Question	Status
1	Answer saved
2	Answer saved
3	Not yet answered
4	Not yet answered

Return to attempt

Time left 0:08:36

This attempt must be submitted by Saturday, 29 August 2015, 9:34 PM.

Submit all and finish

# 4. Video- repository

<http://videotube.tdmu.edu.ua/>



Відео репозитарій  
ТДМУ

Upload video | Upload Photo

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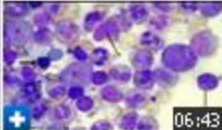




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0%  
138 View(s)  
patol\_anat
-  7\_d  
0%  
27 View(s)  
nni
-  Перша медична...  
0%  
1016 View(s)  
film
-  Первинні і вторинні...  
0%  
280 View(s)  
film
-  ПРАКТИКА  
06:43
-  Мешки війни  
05:06
-  СЕРЦЕ  
11:51
-  ВАРСАНОВИЦЬКА  
01:11
-  ЕУТОПІЯ  
10:18

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Random Videos





# 4. The TSMU YouTube channel

<https://www.youtube.com/channel/UCCwOL-NkraJAsikOzivnaoQ>



YouTube UA



Завантажити

Увійти



Тернопільський державний медичний університет імені І.Я. Горбачевського



Тернопільський Державний Медичний Університет



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65

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Завантаження ▾

Дата додавання (новіші - старіші) ▾

Grid ▾



16:23

MED English 1

172 перегляди • 3 тижні тому



16:23

Ternopil State Medical University  
Promo Video

301 перегляд • 1 місяць тому



17:16

Ternopil State Medical University  
Jubilee 50

75 переглядів • 1 місяць тому



16:00

ТДМУ промо-ролик

532 перегляди • 1 місяць тому



# 5. TSMU Digital (text) repository

## <http://repository.tdmu.edu.ua/>



Login



🏠 DSpace Home

## TSMU DSpace Repository

DSpace is a digital service that collects, preserves, and distributes digital material. Repositories are important tools for preserving an organization's legacy; they facilitate digital preservation and scholarly communication.

## Communities in DSpace

Select a community to browse its collections.

**Архів навчальних матеріалів**

**Відкритий науковий архів**

У фонді містяться документи, що були розміщені зареєстрованими користувачами

**Електронний архів Видавництва "Укрмедкнига"**

Фонд містить електронні матеріали, що були передані від видавництва ДВНЗ ТДМУ "Укрмедкнига"

**DSpace is an open source repository software package typically used for creating open access repositories for scholarly and/or published digital content.**



# 5. TSMU Digital (text) repository

## <http://repository.tdmu.edu.ua/>



Login

DSpace Home / Електронний архів Видавництва "Укрмедкнига" / Газети  
/ Газета "Медична академія" / View Item

## Медична академія 2015/16



URI

<http://repository.tdmu.edu.ua/handle/1/8383>

Collections

Газета "Медична академія"

**Access to all digital text  
materials is absolutely**

**FREE**

View/Open

2015\_16.pdf (978.1Kb)



# 5. TSMU Digital (text) repository

## <http://repository.tdmu.edu.ua/>



Login 

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## New user registration

**Verify Email** → **Create Profile** → **Finished**

Register an account to subscribe to collections for email updates, and submit new items to DSpace.

**Email Address: \***

This address will be verified and used as your login name.

Register

**User self-registration is allowed**

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# 6. Scientific journals publishing system

<http://ojs.tdmu.edu.ua/>



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## Scientific Journals of Ternopil State Medical University



### International Journal of Medicine and Medical Research

International Journal of Medicine and Medical Research (IJMMR) is the peer-reviewed international journal published quarterly. The overall goal of the IJMMR is to promote medical research and to serve as a platform dedicated to increasing exchange of experience and collaboration in all fields of medical research, including dentistry and pharmacology. IJMMR accepts original research, reviews, commentaries and letters to the editor in the areas of medicine and medical research covering non-clinical and clinical subjects, population health sciences and public health topics.

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### Medical Informatics and Engineering

*Scientific-practical journal*

**Open Journal Systems (OJS) is an open-source software for the management of peer-reviewed academic journals, created by the Public Knowledge Project**



# 6. Scientific journals publishing system

<http://ojs.tdmu.edu.ua/>

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### Vol 1, No 1 (2015)

#### Issue No 1

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# 7. Scientific conferences publishing system

<http://conference.tdmu.edu.ua/>



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