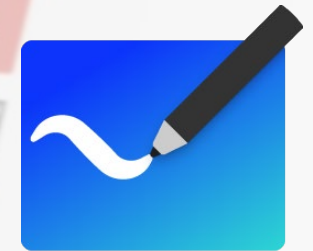
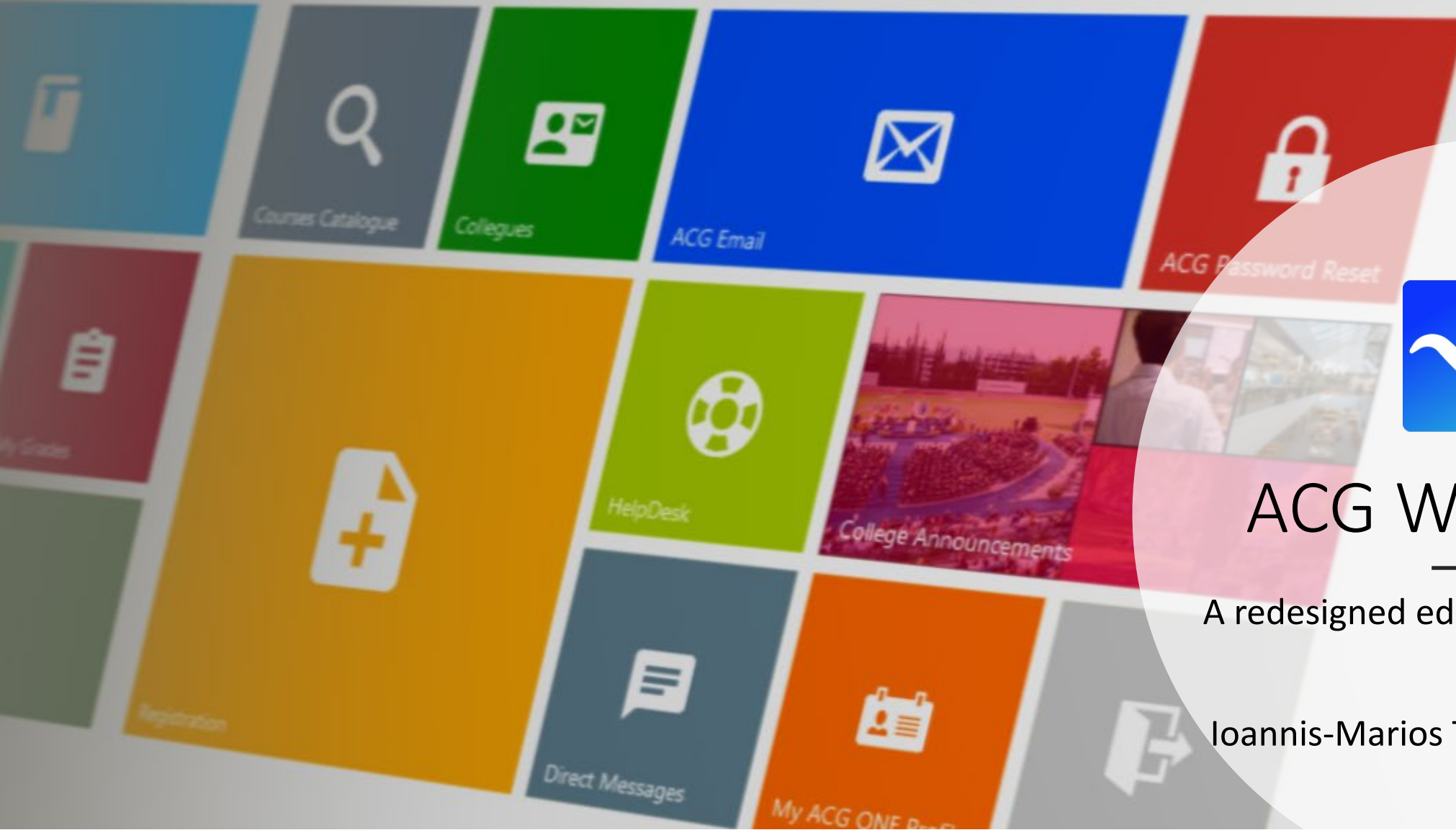


Home, Eleni Kouklaki (231623)

Applications

ACG ONE Applications



# ACG Whiteboard

A redesigned educational experience...

Ioannis-Marios Timotheatos (228344)

Screenstah  
www.screenstah.com

# The Problem

Two different platforms



Blackboard



MyACG Portal



ACG Mail

## Blackboard LMS

- Outdated design
- Browsing complexity
  - Experiences bugs
- Requires plugin for exams
  - Absence of SSO

## My ACG Portal

- Outdated design
- Browsing complexity
- Functionality problems
  - Absence of SSO

# Messages

## Deree Student

Deree Student	
EXACTLY!	16:40
Maira Kotsovoulou (1 new message)	
My favorite students please do not forget that...	15:19
President Horner	
Okay sir, I can handle this!	11:02
Eleni (2 new messages)	
Let's go for a walk after class today!	10:56



Why do we have to type two times our password... For two different platforms?

That's a very good question Deree student!

Deree doesn't have an SSO system, despite the fact that the passwords for myACG and Blackboard are nowadays the same, taken from the very same database server...



I really do not understand what you're talking about... but why not having one site for everything?

EXACTLY!

## Whiteboard

- Redesigned platform to merge both Blackboard and myACG functionalities

## ACG ONE

- An SSO platform for students
  - A simple yet powerful administrative tool for professors and staff



Whiteboard



ACG ONE



# The Implementation



Whiteboard



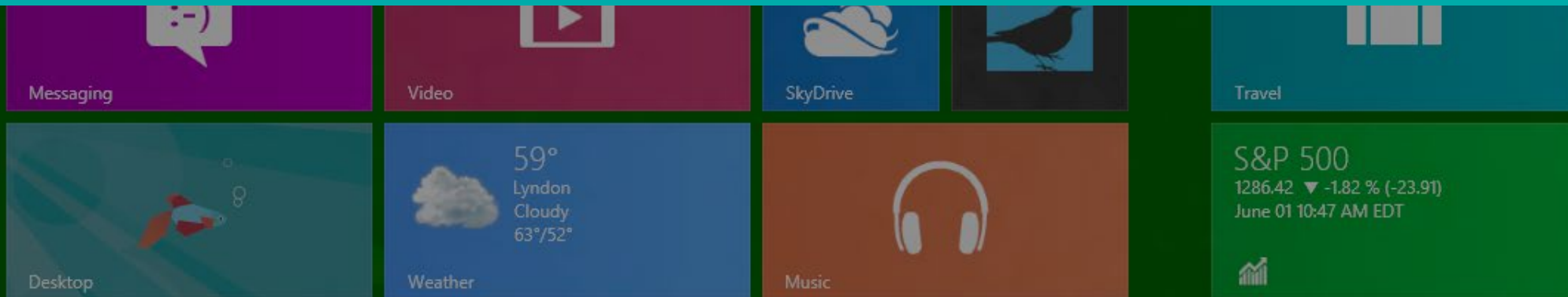
- The platform has been implemented using
- MySQL Server Database
  - HTML 5 and CSS 3 for design purposes
  - JavaScript for interactivity in order to implement some functions
  - PHP to process, store and retrieve user data

# Start

Mark  
Kaelin 



SIMPLE – FRESH – VIVID – USER FRIENDLY  
Design based on Windows 8 Metro UI  
using Metro 4 CSS Framework



# The Design



Whiteboard



Windows 8

ACG Whiteboard has been designed on the standards of **Metro UI**, introduced for the first time by Microsoft in 2012, as it was the primary design style of Windows 8.

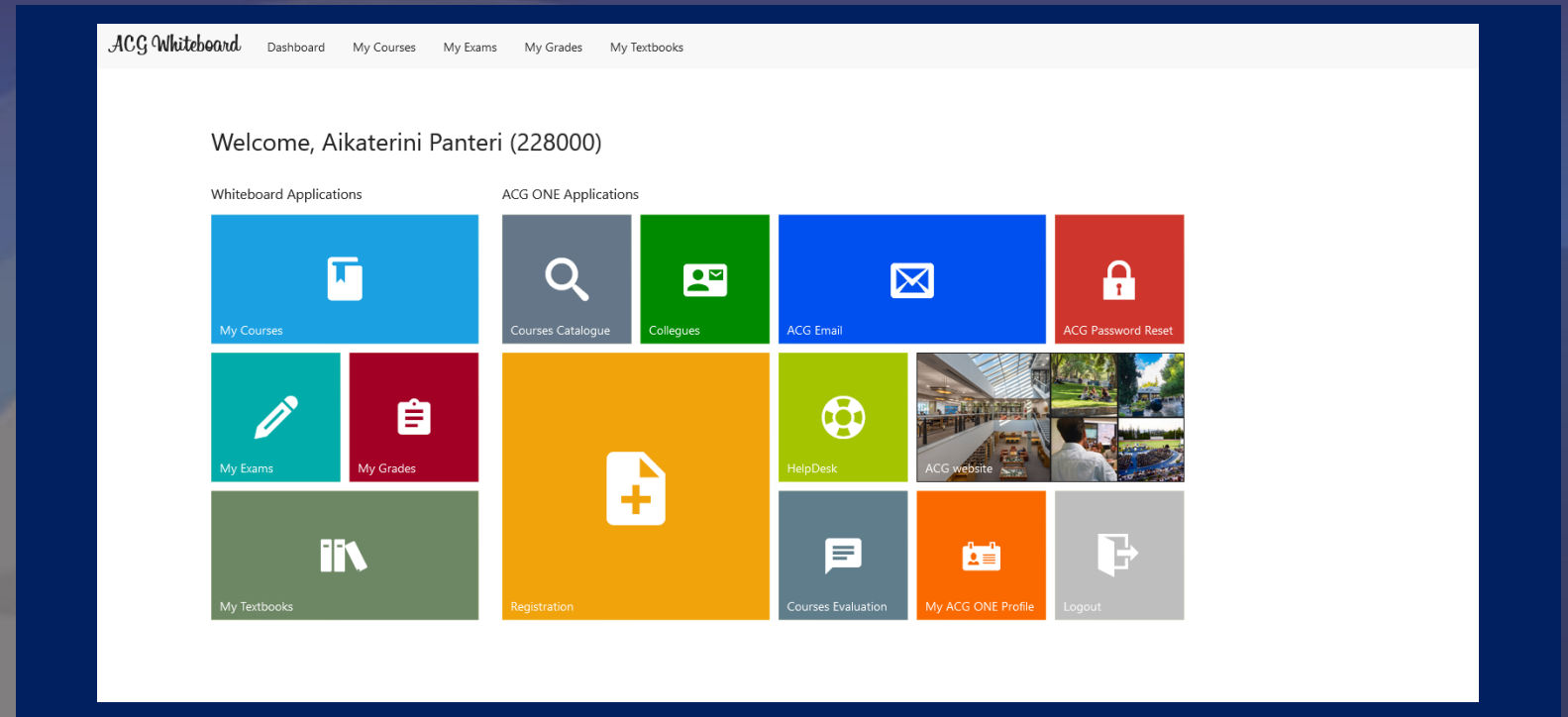
Metro UI is not so popular among Desktop Users, but for a web environment is ideal as it provides **simplicity** both in terms of appearance and user experience.



# All in ONE for students

When the student logs in to the platform the *Start Menu* on the Dashboard appears with a welcome message which includes the user's name and ID.

The All-in-One Start Menu provides an easy and beautiful browsing experience with vivid colors and large icons which identify uniquely each function.

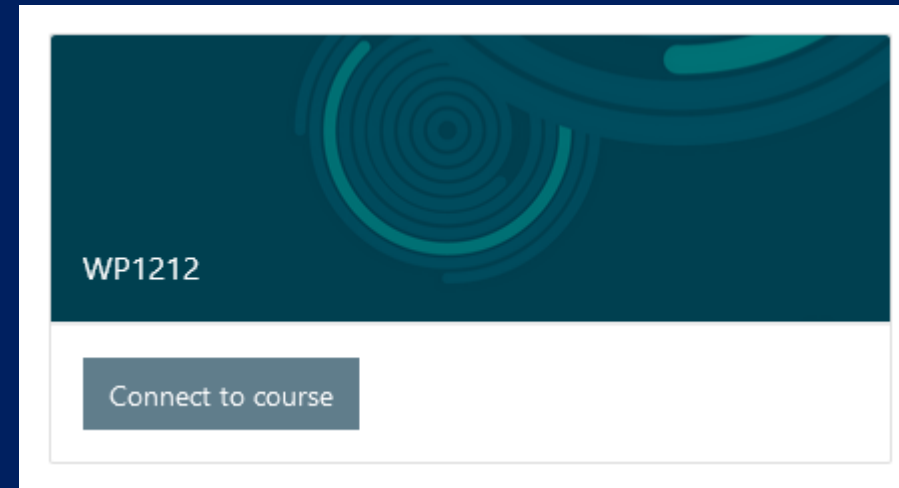




# Students:: My Courses

Via the My Courses section of the platform students can connect to their online course easier than ever before.

With just the click of a button the student is redirected to MS Teams, Adobe Connect or Zoom. No extra software or configuration is needed.



# Students:: My Exams

Online Exams have never been easier for students to take!

Without the need of extra plugins, using any web browser, with security features such as full-screen mode and video, audio and screen recording, the ACG Online Exams Platform (part of ACG ONE) makes exam procedure easier, more secure and more user friendly!

ACG Online Exams

Drag to move

Submit Exam

5. In Plato's cave allegory, a prisoner was temporarily unchained and allowed to see the fire at the mouth of the cave. When he returned to the chains, the other prisoners

- ☐ a. refused to believe him.
- ☒ b. marveled at his great knowledge.
- ☐ c. began to reconsider their own views.
- ☐ d. immediately accepted his insight.

6. How is natural selection related to psychology?

- ☐ a. All organisms have been shown to be capable of learning.
- ☐ b. Humans behave as they do in part because that behavior promotes survival.
- ☐ c. Survival depends on environment just as much as it depends on genes.
- ☒ d. Animals share many genes with human beings.

7. The year 1879 might be thought of as the beginning of psychology as a science because that is the year

- ☒ a. Edward Thorndike conducted his first puzzle box experiments.
- ☐ b. Margaret Floy Washburn wrote *The Animal Mind*.
- ☐ c. Charles Darwin published *On the Origin of Species*.
- ☐ d. Wilhelm Wundt developed and opened the first psychology laboratory.

8. Which of the following perspectives argues that human behavior develops in certain ways because it serves a useful purpose?

- ☐ a. Psychoanalysis
- ☒ b. Cognitive psychology
- ☐ c. Behaviorism
- ☐ d. Functionalism

9. Which of the following approaches to psychology did Edward Titchener advocate in the late 1800s?

- ☐ a. Humanistic psychology

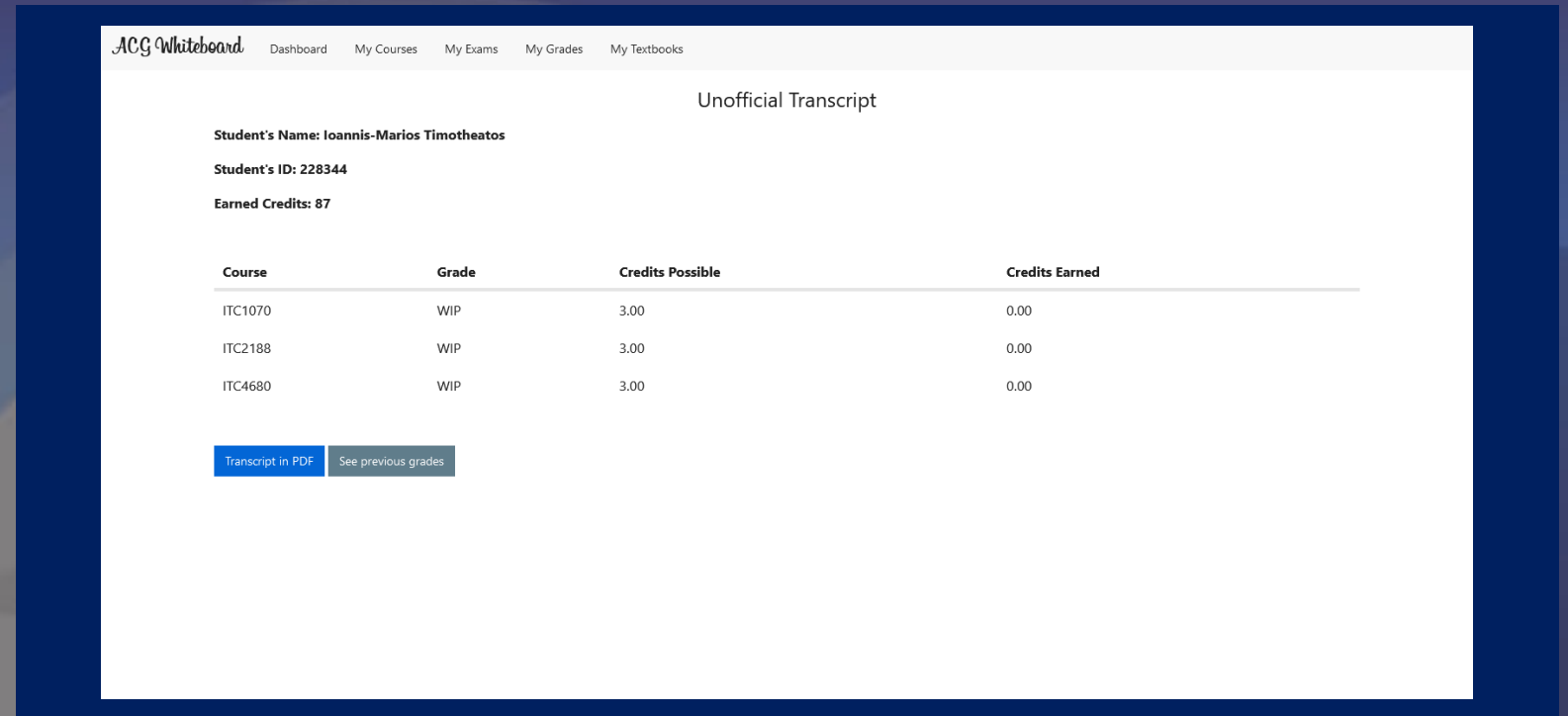
|| Η εφαρμογή file:///C:/Users/John/OneDrive%20-%20The%20American%20College%20of%20Greece/ITC4214%20Files/ACGWhiteboard\_FinalProject/WhiteboardExams/demoexaminv1.html μισάει την οθόνη σας. Διακοπή κοινής χρήσης. Αποκρυψ.

Note: Screen and Video/Audio recording features are not available at the [itweblab.eu](https://itweblab.eu) server due to server's security policy. If the [/WhiteboardExams/demoexaminv1.html](http://WhiteboardExams/demoexaminv1.html) runs locally these features are running normally!

# Students:: My Grades

Students can access their transcript and see their semester grades directly using the ACG Whiteboard.

PDF download of the transcript is also available using a JavaScript file which allows the conversion of HTML to PDF.



The screenshot shows the ACG Whiteboard interface. At the top, there's a navigation bar with links: Dashboard, My Courses, My Exams, My Grades, and My Textbooks. The main heading is 'Unofficial Transcript'. Below this, the student's name is 'Ioannis-Marios Timotheatos', ID is '228344', and 'Earned Credits: 87'. A table displays the following data:

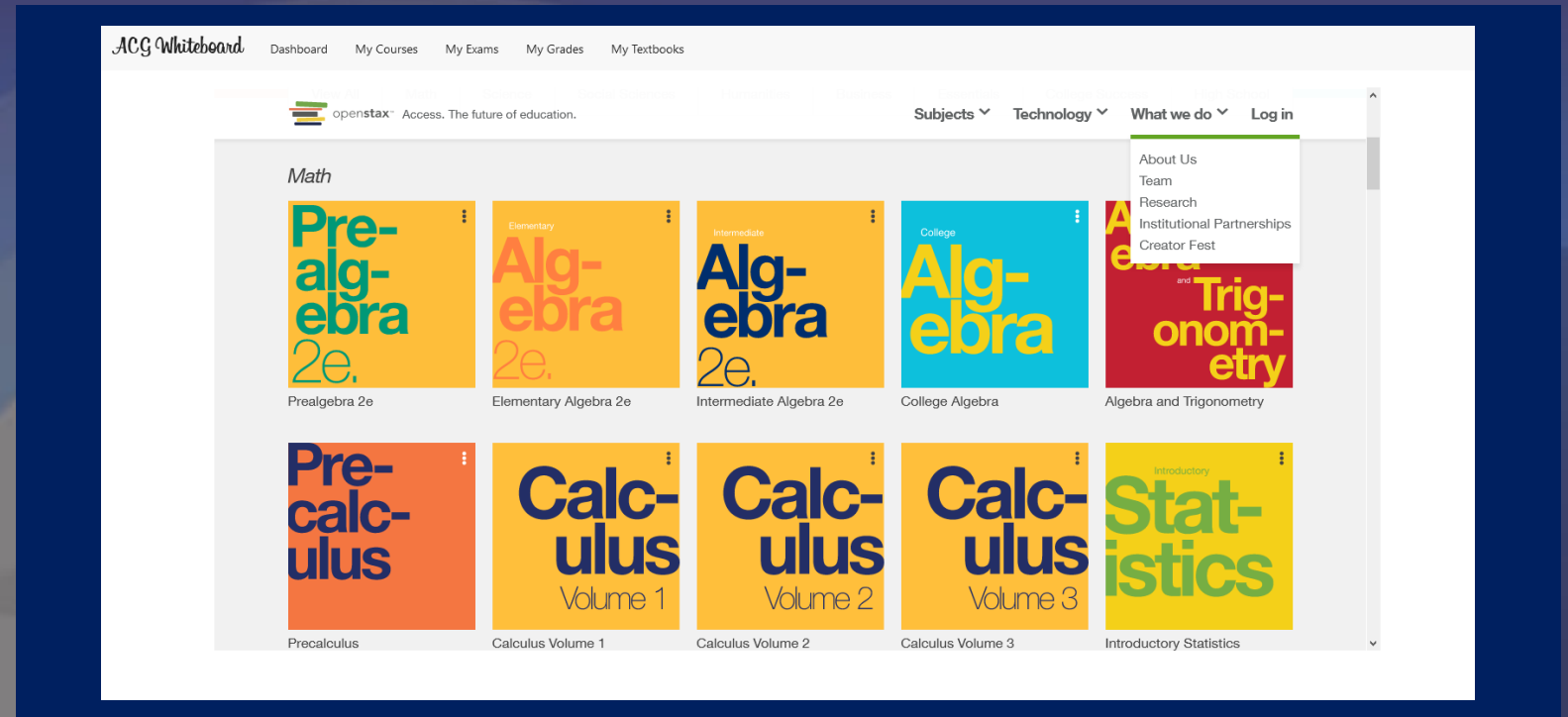
Course	Grade	Credits Possible	Credits Earned
ITC1070	WIP	3.00	0.00
ITC2188	WIP	3.00	0.00
ITC4680	WIP	3.00	0.00

At the bottom of the table, there are two buttons: 'Transcript in PDF' and 'See previous grades'.

# Students:: My Textbooks

By integrating the OpenStax textbooks platform to ACG Whiteboard, students can easily see and access their textbooks both in PDF and HTML format.

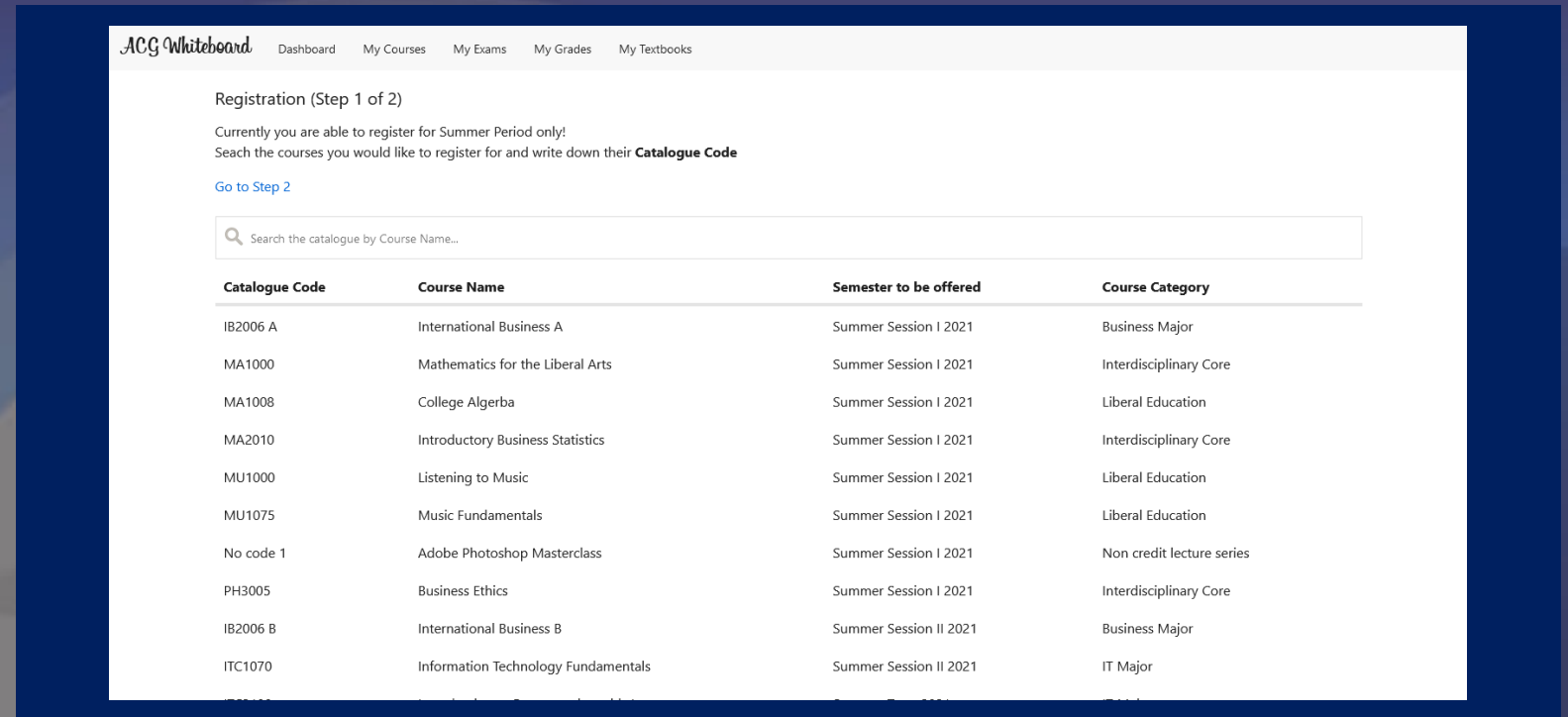
Other textbooks platforms such as VitalSource can also be integrated.



# Students:: Registration (1)

Registration has never been easier! A new simple and safe registration method has been implemented in two steps.

First, the student has to choose his/her courses. This can be done by clicking Registration at the Start Menu and search for available courses at the catalogue shown in the image to the right.

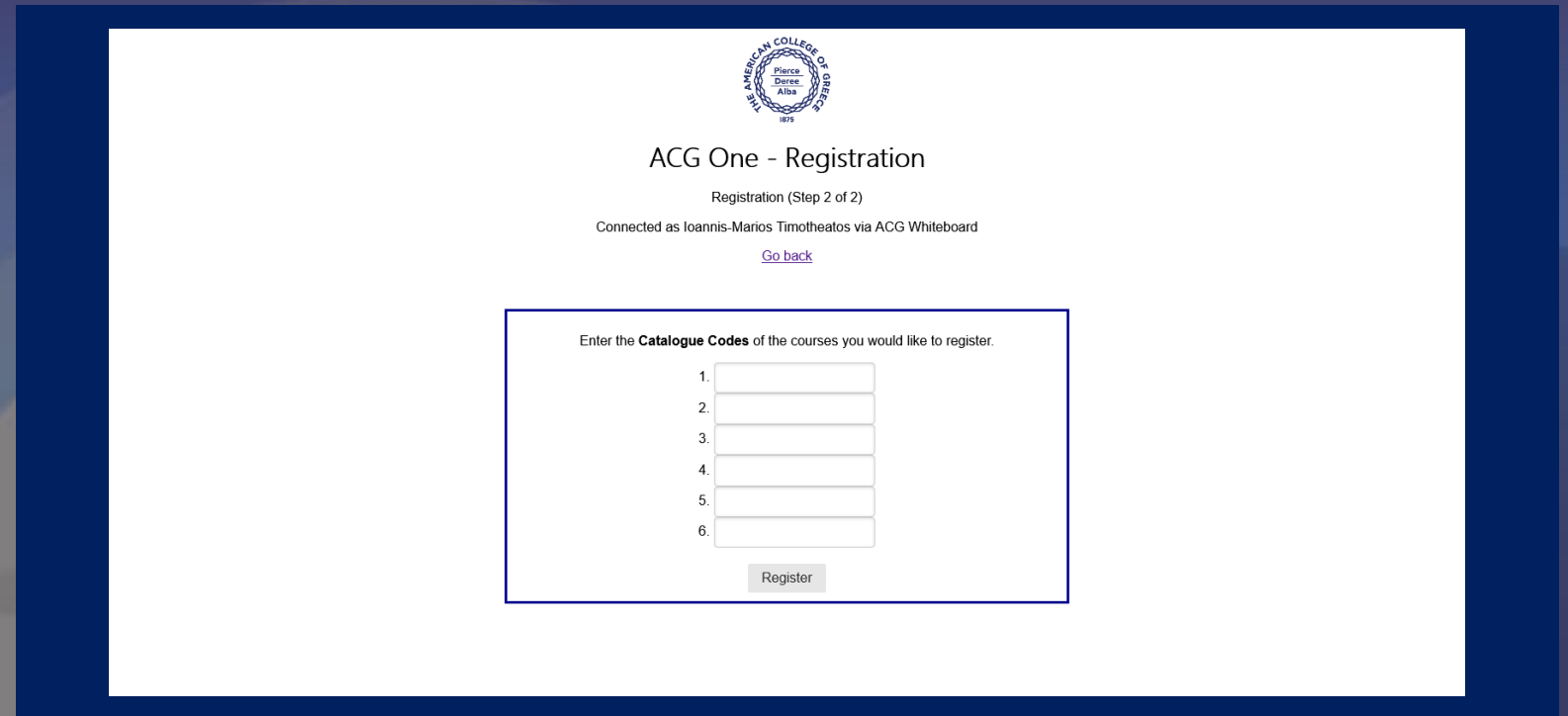



The screenshot displays the 'ACG Whiteboard' registration page. At the top, there is a navigation bar with links: Dashboard, My Courses, My Exams, My Grades, and My Textbooks. The main heading is 'Registration (Step 1 of 2)'. Below this, a message states: 'Currently you are able to register for Summer Period only! Search the courses you would like to register for and write down their **Catalogue Code**'. A link 'Go to Step 2' is provided. A search bar with a magnifying glass icon and the placeholder text 'Search the catalogue by Course Name...' is present. Below the search bar is a table listing available courses.

Catalogue Code	Course Name	Semester to be offered	Course Category
IB2006 A	International Business A	Summer Session I 2021	Business Major
MA1000	Mathematics for the Liberal Arts	Summer Session I 2021	Interdisciplinary Core
MA1008	College Algebra	Summer Session I 2021	Liberal Education
MA2010	Introductory Business Statistics	Summer Session I 2021	Interdisciplinary Core
MU1000	Listening to Music	Summer Session I 2021	Liberal Education
MU1075	Music Fundamentals	Summer Session I 2021	Liberal Education
No code 1	Adobe Photoshop Masterclass	Summer Session I 2021	Non credit lecture series
PH3005	Business Ethics	Summer Session I 2021	Interdisciplinary Core
IB2006 B	International Business B	Summer Session II 2021	Business Major
ITC1070	Information Technology Fundamentals	Summer Session II 2021	IT Major

# Students:: Registration (2)

Proceeding to Step 2 the student is being redirected to ACG One in order to finish his/her registration.





ACG One - Registration

Registration (Step 2 of 2)

Connected as Ioannis-Marios Timotheatos via ACG Whiteboard

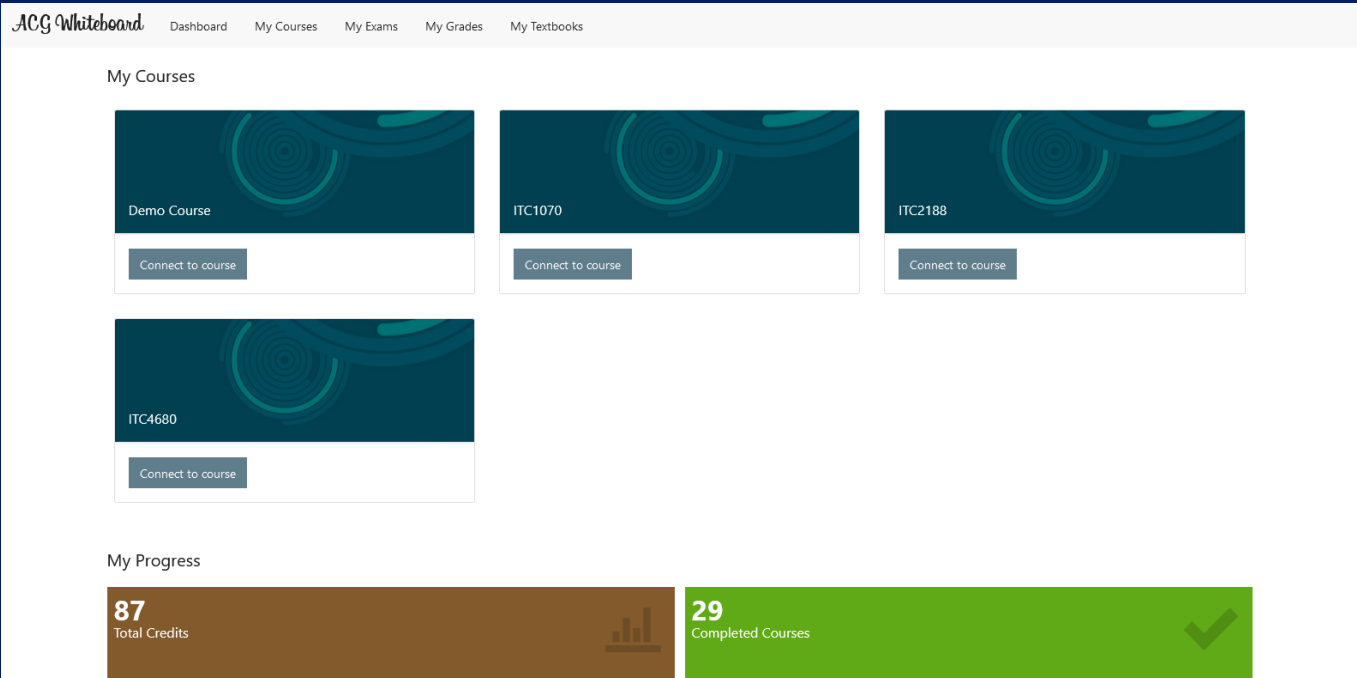
[Go back](#)

Enter the **Catalogue Codes** of the courses you would like to register.

1.
2.
3.
4.
5.
6.

# Students:: Registration (3)

After registration is complete, the students is being redirected automatically to My Courses page to see his new courses.



The screenshot displays the 'ACG Whiteboard' interface. At the top, a navigation bar includes links for 'Dashboard', 'My Courses', 'My Exams', 'My Grades', and 'My Textbooks'. The main section is titled 'My Courses' and features four course cards. Each card has a dark teal header with a circular pattern, a course name, and a 'Connect to course' button. The courses listed are 'Demo Course', 'ITC1070', 'ITC2188', and 'ITC4680'. Below the course cards, a 'My Progress' section contains two horizontal bars: a brown bar on the left showing '87 Total Credits' with a small bar chart icon, and a green bar on the right showing '29 Completed Courses' with a checkmark icon.

Course Name	Connect to course
Demo Course	Connect to course
ITC1070	Connect to course
ITC2188	Connect to course
ITC4680	Connect to course

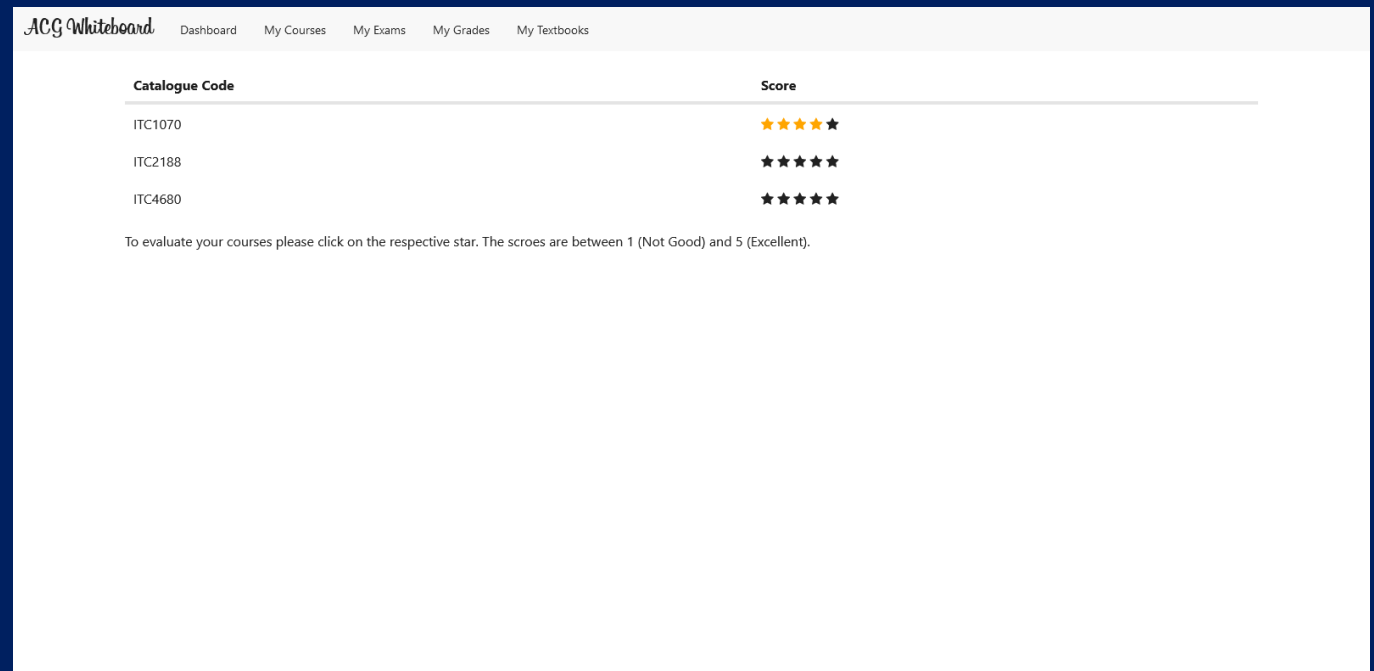
  

Progress Metric	Value
Total Credits	87
Completed Courses	29



# Students:: Course Rating

Students can easily rate courses via the ACG Whiteboard. A stars method has been implemented in order to do so providing a simple, comprehensive and easy way of rating.



Catalogue Code	Score
ITC1070	★★★★★
ITC2188	★★★★★
ITC4680	★★★★★

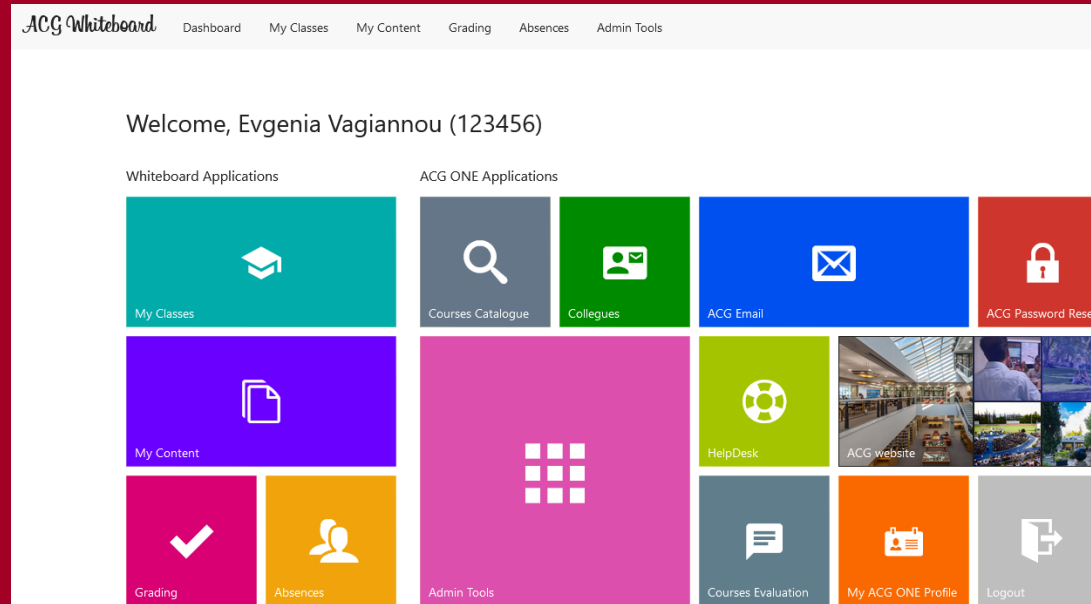
To evaluate your courses please click on the respective star. The scores are between 1 (Not Good) and 5 (Excellent).

# All in ONE for professors

A different Start Menu appears with different functions and different color scheme.

The menu is role-based so professors have different available functions from students.

ACG Whiteboard is a must have tool for faculty as it gathers all functions a professor need in one place, from classes management to grading and absences.



# Professors:: Admin Tools

Professors have access to Admin Tools, via which they can add and remove courses and categories.



## ACG One - Admin Tools

[Go back](#)

### Courses Management

[Add courses](#)

[Remove courses](#)

[See Courses Catalogue](#)

### Categories of Courses

[Enter Categories Management](#)

# Professors:: Admin Tools:: Add Course

Adding a course is a very easy procedure. By just completing this form a course can be added directly to the courses catalogue.



## ACG One - Add Course to Catalogue

[Go back](#)

Course Code:	<input type="text"/>
Course's Full Name:	<input type="text"/>
Course Category:	<input type="text" value="International Business Major"/>
Semester to be offered:	<input type="text" value="Summer Term 2021"/>
<input type="button" value="Add Course"/> <input type="button" value="Reset"/>	
Need help? <a href="#">Contact us!</a>	

# Professors:: Admin Tools:: Remove Course

Same goes for removing a course...



## ACG One - Remove Course from Catalogue

[Go back](#)

Enter the Catalogue Code of the course you would like to remove:

Remove Course

# Professors:: Admin Tools:: Categories

Via a one-page-form professors can add, modify or remove course categories!



## ACG One - Categories Management

[Go back](#)

Category ID	Course Category
1	Liberal Education
3	Music Major
4	IT Major
5	International Business Major

---

**Add category**

New category name:

---

**Rename category**

Id Number of category to be renamed:

New category name:

---

**Remove category**

Category to be removed:

# ACG One

Let's now see the functionalities of ACG One, common for both students and professors!

The logo for ACG One is displayed on a dark blue square background. The word "one" is written in a white, lowercase, sans-serif font. The letter "1" is highlighted in red. A small red dot follows the word "one".

one.



# ACG One:: Courses Catalogue

In non-registration period, students and professors can see the course catalogue at any time for future planning or just to browse around available courses.



## ACG One - Courses Catalogue

[Go back](#)

Don't find the course you want? [Use search!](#)

Course Code	Course Name	Semester to be offered	Course Category
IB2006 A	International Business A	Summer Session I 2021	Business Major
IB2006 B	International Business B	Summer Session II 2021	Business Major
ITC1070	Information Technology Fundamentals	Summer Session II 2021	IT Major
ITC2188	Introduction to Programming with Java	Summer Term 2021	IT Major
ITC3106	Discrete Mathematics with MATLAB	Summer Term 2021	IT Major
ITC3233	Data Mining	Summer Term 2021	IT Major
ITC4680	Artificial Intelligence Principles	Fall Semester 2021	IT Major
MA1000	Mathematics for the Liberal Arts	Summer Session I 2021	Interdisciplinary Core

# ACG One:: Courses Search

The courses catalogue is a really long catalogue, that's why a courses search page has been implemented.

Search is possible either by typing the Course Name, Code, Category or even the desired semester.



## ACG One - Courses Search

[Go back](#)

Search by any one of these four criteria.

Course Name:

Course Code:

Course Category:

Semester:

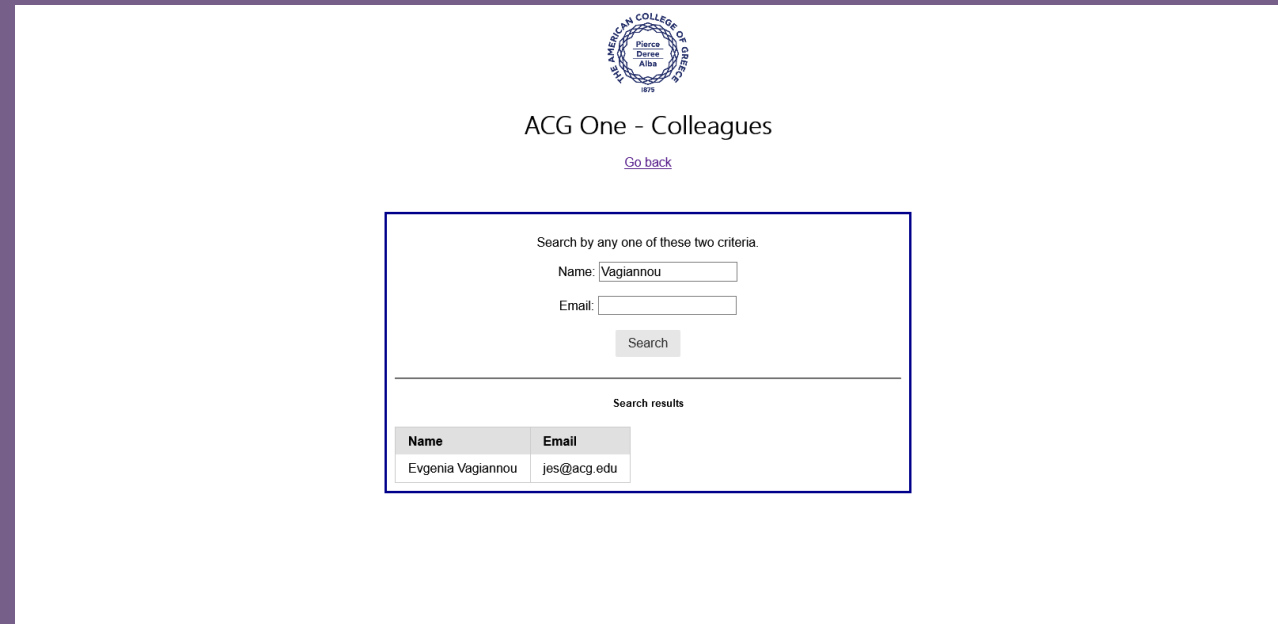
Search results

Course Code	Course Name	Semester to be offered	Course Category
WP1212	Academic Writing and Research	Summer Term 2021	Liberal Education

# ACG One:: Colleagues Search

How many times your students ask you for your email address? The era of such questions has come to an end!

ACG One provides a contacts search so a student, or professor, can easily find an email address!



The screenshot shows the ACG One - Colleagues search page. At the top is the Pierce College logo with the text 'THE AMERICAN COLLEGE OF EDUCATION', 'Pierce College', 'Dens', 'Alba', and '1879'. Below the logo is the title 'ACG One - Colleagues' and a [Go back](#) link. The search section is titled 'Search by any one of these two criteria.' and contains two input fields: 'Name: Vagiannou' and 'Email:'. A 'Search' button is located below the input fields. Below the search section is a 'Search results' table with two columns: 'Name' and 'Email'. The table contains one row with the name 'Evgenia Vagiannou' and the email 'jes@acg.edu'.

Name	Email
Evgenia Vagiannou	jes@acg.edu

# ACG One:: Security

Using PHP Sessions, each page is secure from unauthorized access!

An appropriate message is printed on the screen when someone tries to access restricted access.



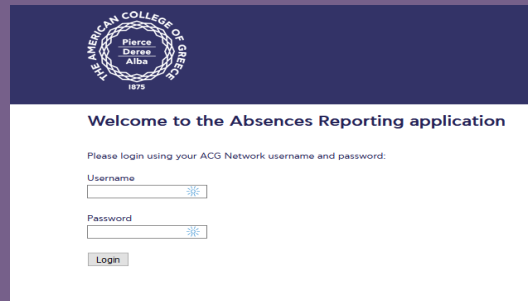
ACG One

[Go back](#)

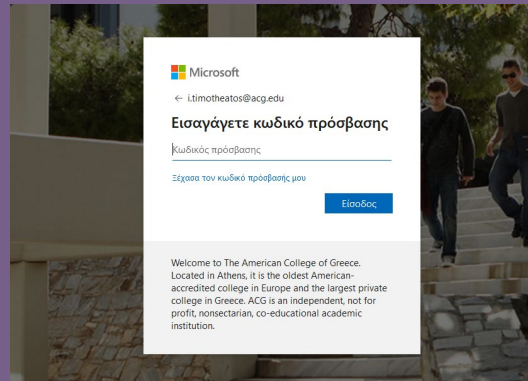
You do not have the necessary access rights to see this page.  
If you believe that this is an error, [submit a ticket!](#)

# ACG One:: Direct linking to services

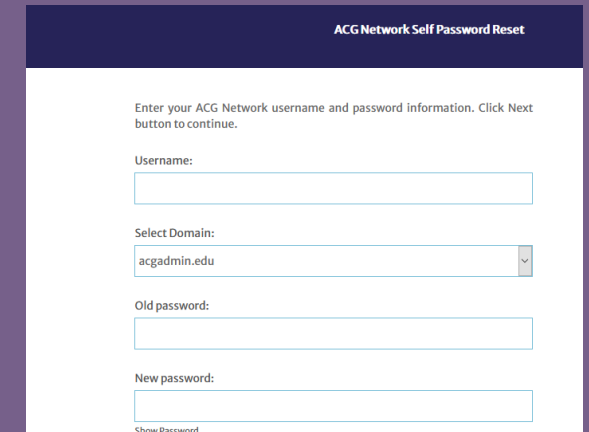
ACG One, via ACG Whiteboard, offers a direct access to other services of the college, such as absences and grades report, helpdesk access, email access and password reset!



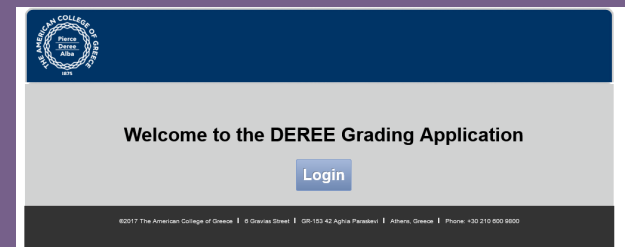
The image shows the login interface for the 'Absences Reporting application'. At the top is the ACG logo with the text 'THE AMERICAN COLLEGE OF GREECE', 'Pierce', 'Deree', 'Alba', and '1875'. Below the logo, the title 'Welcome to the Absences Reporting application' is displayed. A message states: 'Please login using your ACG Network username and password:'. There are two input fields: 'Username' and 'Password', each with a small icon to its right. A 'Login' button is located at the bottom of the form.



The image shows a Microsoft Outlook login window. At the top is the Microsoft logo and the email address 'i-timotheatos@acg.edu'. Below this is the Greek text 'Εισαγάγετε κωδικό πρόσβασης' (Enter access code) and a text input field. Below the field is the text 'Σύχνα τον κωδικό πρόσβασης μου' (Often my access code) and a blue button labeled 'Είσοδος' (Login). At the bottom, there is a paragraph of English text: 'Welcome to The American College of Greece. Located in Athens, it is the oldest American-accredited college in Europe and the largest private college in Greece. ACG is an independent, not for profit, nonsectarian, co-educational academic institution.'



The image shows the 'ACG Network Self Password Reset' form. The title 'ACG Network Self Password Reset' is at the top. The instructions say: 'Enter your ACG Network username and password information. Click Next button to continue.' There are three input fields: 'Username:', 'Old password:', and 'New password:'. Below the 'Old password:' field is a 'Show Password' link. A 'Select Domain:' dropdown menu is set to 'acgadmin.edu'.



The image shows the login interface for the 'DEREE Grading Application'. At the top is the ACG logo with the text 'THE AMERICAN COLLEGE OF GREECE', 'Pierce', 'Deree', 'Alba', and '1875'. Below the logo, the title 'Welcome to the DERE Grading Application' is displayed. A blue 'Login' button is located at the bottom of the form. At the very bottom, there is a footer with the text: '©2017 The American College of Greece | 6 Geras Street | GR-115 42 Aghia Paraskevi | Athens, Greece | Phone +30 210 820 8800'.

## Cost projection

- The platform is administered and hosted internally so no extra costs are expected to be risen for the maintenance of the platform. The IRM department will be responsible for the platform, as it has been for MyACG and Blackboard.



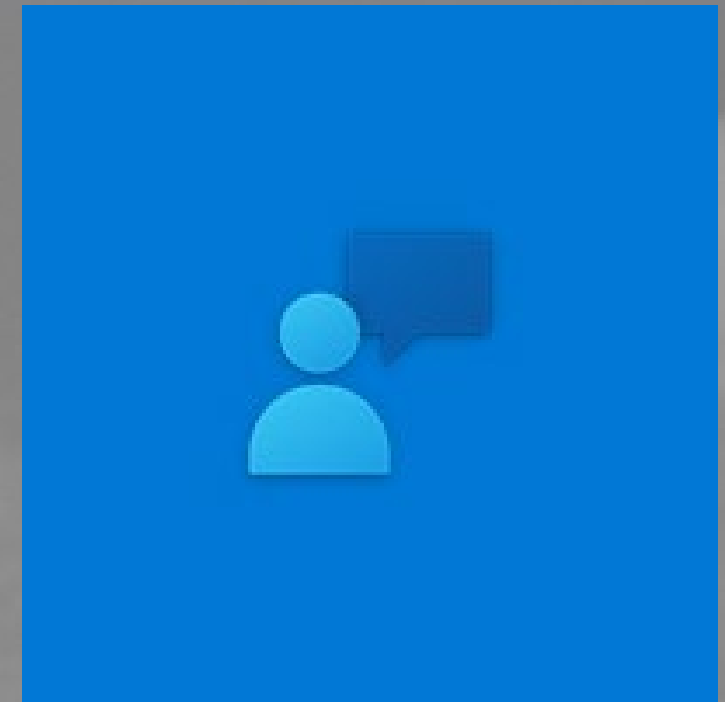
Whiteboard



ACG ONE

## Future implementations and corrections

- The rating system has not been fully implemented, a better approach to its implementation and design should be followed for future editions.
- New features such as calendars with students' and professors' schedules can be also added.



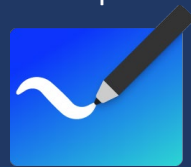
Whiteboard



ACG ONE



When life comes back to normal, after the pandemic ends, ACG will be ready to embrace this new era with...



ACG  
Whiteboard

A redesigned educational experience!