Announcements

New Announcements appear directly below the repositionable bar. Reorder by dragging announcements to new positions. Move priority announcements above the repositionable bar to pin them to the top of the list and prevent new announcements from superseding them. The order shown here is the order presented to students. Students do not see the bar and cannot reorder announcements.

Create Announcement

New announcements appear below this line

- -

Take-Home Final Exam - Question 19

Posted on: Wednesday, December 14, 2022 9:45:32 PM EST

Posted by: Shayan Taheri
Posted to: 22FA Microcontroller Apps w IoT 01

Dear Everyone,

Greetings to you.

If you need guidance for answering **Question 19** of your **final exam**, then please take a look at the following links:

1. **Microsoft Word - Lecture 27 - C and Assembly (cmu.edu)**

2. **Microsoft Word - 47C47571-6BE3-0893B8.doc (purdue.edu)**

3. **How C Program Converts Into Assembly! – Vishal Chovatiya**

4. **Title (ethz.ch)**

5. **machine-language-c-2020.pdf (rishi-a.github.io)**

6. **Guide to x86 Assembly (yale.edu)**

7. **Example RISC-V Assembly Programs – Stephen Marz (utk.edu)**

8. **Guide to x86 Assembly (virginia.edu)**

Thank you.

Best Regards,
Shayan (Sean) Taheri, Ph.D.
Assistant Professor
The Department of Electrical and Cyber Engineering (ECE)
The Institute for Health and Cyber Knowledge (I-HACK)
The Gannon University (GU)
Electronic Mail (Email) Address: taheri001@gannon.edu
Office Phone Number: +(1) (814) 871-5331

University Profile: https://www.gannon.edu/FacultyProfiles.aspx?profile=taheri001
Website: www.shayan-taheri.com

ECE 245 Coding Tutorials

Posted on: Friday, December 9, 2022 2:30:49 PM EST

Dear Everyone,

Greetings to you.

Please study the "**ECE245_Coding_Tutorials_FA22.pdf**" document that is available in the "**Course Content**" section of your toolbar to improve your coding skills.

Thank you.

Best Regards,
Shayan (Sean) Taheri, Ph.D.
Assistant Professor
The Department of Electrical and Cyber Engineering (ECE)
The Institute for Health and Cyber Knowledge (I-HACK)
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Website: www.shayan-taheri.com

Course Evaluation Survey

Posted on: Thursday, December 8, 2022 8:45:53 PM EST

Dear Everyone,

Greetings to you.

Completion of the course evaluation survey is part of the concluding and wrapping-up process in the end of the semester. If you have not done so, I would really appreciate if you kindly complete the course evaluation survey as soon as possible before the survey ends this week. I am truly glad and grateful for having you all in this course.

I am highly grateful for your understanding, valuable time, and considerations. Please let me know if you have any questions and/or comments.

Thank you.

Best Regards,
Shayan (Sean) Taheri, Ph.D.
Assistant Professor
The Department of Electrical and Cyber Engineering (ECE)
The Institute for Health and Cyber Knowledge (I-HACK)
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Take-Home Final Exam (Deadline: Thursday, December/15/2022, 11:59 PM)

Posted on: Wednesday, December 7, 2022 2:24:59 PM EST

Dear Everyone,

Greetings to you.

Please start working on your final exam, which is available in the **"Course Content"** section of your toolbar, as soon as possible.

Final Exam Deadline: Thursday, December/15/2022, 11:59 PM.

Thank you.

Best Regards,
Shayan (Sean) Taheri, Ph.D.
Assistant Professor
The Department of Electrical and Cyber Engineering (ECE)
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The Gannon University (GU)
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profile=taheri001
Website: www.shayan-taheri.com

Return of Laboratory Kits (during 10 AM - 12 PM on Friday, December/09/2022)

Posted on: Wednesday, November 30, 2022 2:03:02 PM EST

Dear Everyone,

Greetings to you.

You **laboratory kits MUST** be returned to **Mr. John M. Little** from the **GU/Gannon - ECE Department** **before or during the time slot of 10 AM - 12 PM on Friday, December/09/2022 in his Zurn 320 office**. Please complete all of your laborator assignments and **collect all of the required information and materials from them** before returning the laboratory kits.

Thank you.

Best Regards,
Shayan (Sean) Taheri, Ph.D.
Assistant Professor
The Department of Electrical and Cyber Engineering (ECE)
The Institute for Health and Cyber Knowledge (I-HACK)
The Gannon University (GU)
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Office Phone Number: +(1) (814) 871-5331
University Profile: https://www.gannon.edu/FacultyProfiles.aspx?

Contact Information of Teaching Assistants

Posted by: Shayan Taheri
Posted to: 22FA
Microcontroller Apps w IoT 01

Posted on: Tuesday, November 8, 2022 5:41:11 PM EST

Dear Everyone,

Greetings to you.

With respect to the grading of your laboratory assignments, the contact information of my teaching assistants is according to the following:

Ms. Sai Sharanya R. Boinapally. <u>Email</u>: boinapal006@gannon.edu.

Mr. Ramu A. Panuganti. <u>Email</u>: panugant003@gannon.edu.

Thank you.

Best Regards,
Shayan (Sean) Taheri, Ph.D.
Assistant Professor
The Department of Electrical and Cyber Engineering (ECE)
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New Course Contents and Resources - December/09/2022

Posted by: Shayan Taheri
Posted to: 22FA
Microcontroller Apps w IoT 01

Posted on: Friday, December 9, 2022 2:28:00 PM EST

Dear Everyone,

Greetings to you.

Please study the "**ECE245_Lecture02.pptx**" document that is available in the "**Course Content**" section of your toolbar <u>for your own understanding of the topics</u>.

Thank you.

Best Regards,
Shayan (Sean) Taheri, Ph.D.
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The Department of Electrical and Cyber Engineering (ECE)
The Institute for Health and Cyber Knowledge (I-HACK)
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Take-Home Midterm Exam (Deadline: Saturday, 10/15/2022, 2:59 PM)

Posted by: Shayan Taheri
Posted to: 22FA
Microcontroller Apps w IoT 01

Posted on: Wednesday, October 19, 2022 6:19:53 AM EDT

Dear Everyone,

Greetings to you.

Please work on your midterm exam, which is available in the "**Course Content**" section of your toolbar, as soon as possible.

Deadline: Saturday, 10/15/2022, 2:59 PM.

Mean of Midterm Grades: 82.83333333.

Median of Midterm Grades: 85.

Thank you.

Best Regards,
Shayan (Sean) Taheri, Ph.D.
Assistant Professor
The Department of Electrical and Cyber Engineering (ECE)
The Institute for Health and Cyber Knowledge (I-HACK)
The Gannon University (GU)
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IEEE Erie Section - Student Research Competition (SRC)

Posted by: Shayan Taheri
Posted to: 22FA
Microcontroller Apps w IoT 01

Posted on: Thursday, October 6, 2022 8:33:13 PM EDT

Dear Everyone,

Greetings to you.

Hope everything is great with you. If you have any (research) project, senior design project, and/or any high-quality course project that you may want to present to others as a poster presentation, please register for the upcoming "**Institute of Electrical and Electronics Engineers (IEEE) Erie Section - Student Research Competition (SRC)**" event. The partly completed research efforts/project or the demonstrable methodologies with certain preliminary results are acceptable as well. The awards from this competition are three-rank prizes as well as certifications from IEEE that they show your engineering skills and add significant values to your career resumes.

You can learn more about this event and register for it in: "**https://events.vtools.ieee.org/m/320271**". The registration deadline is on **October/30/2022** and the presentations should be provided on **November/11/2022**, **5:00 PM - 7:00 PM**. The participants in the competition will be from **Gannon University**, Penn State Behrend, and Mercyhurst University.

If you are interested in this competition, kindly send an email to me or **Dr. Md Tajmilur Rahman**, "**rahman007@gannon.edu**".

I am highly grateful for your understanding, valuable time, and considerations. Please let me know if you have any questions and/or comments.

Thank you.

Best Regards,
Shayan (Sean) Taheri, Ph.D.
Assistant Professor
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The Institute for Health and Cyber Knowledge (I-HACK)
The Gannon University (GU)
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Website: www.shayan-taheri.com

Instructions for Practical Demonstration of Laboratory Assignments

Posted on: Wednesday, September 28, 2022 1:54:14 PM EDT

Dear Everyone,

Greetings to you.

All of the laboratory assigments should be demonstrated practically during **the Wednesday sessions** based on comprehensive explanations of:

1. Overall aspects of your assignments and completed applications.
2. All devices, equipment, and items used in your assignments.
3. Implementation details of circuits and systems in your aasignments.
4. Devemoplment details of written codes in your assignments.
5. Achieved results, performed analyses, and made conclusions in your assignments.

Thank you.

Best Regards,
Shayan (Sean) Taheri, Ph.D.
Assistant Professor
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The Institute for Health and Cyber Knowledge (I-HACK)
The Gannon University (GU)
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New Course Contents and Resources - September/28/2022

Posted on: Monday, October 31, 2022 7:17:17 AM EDT

Dear Everyone,

Greetings to you.

The material, **"ECE245_LaboratoryAssignment2_FA22"** was uploaded in the **"Course Content"** section of your toolbar. Please upload your assignment file by the end of today.

Thank you.

Best Regards,
Shayan (Sean) Taheri, Ph.D.
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Informing All Questions and Comments to Instructor

Posted by: Shayan Taheri
Posted to: 22FA Microcontroller Apps w IoT 01

Posted on: Wednesday, September 21, 2022 11:13:46 AM EDT

Dear Everyone,

Greetings to you.

I am writing this announcement to emphasize that any of your questions and/or comments must be informed to me (i.e., the instructor) to be addressed.

Thank you.

Best Regards,
Shayan (Sean) Taheri, Ph.D.
Assistant Professor
The Department of Electrical and Cyber Engineering (ECE)
The Institute for Health and Cyber Knowledge (I-HACK)
The Gannon University (GU)
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Website: www.shayan-taheri.com

Demonstrations of Laboratory Assignments

Posted by: Shayan Taheri
Posted to: 22FA Microcontroller Apps w IoT 01

Posted on: Tuesday, September 20, 2022 3:59:01 PM EDT

Dear Everyone,

Greetings to you.

Please <u>have your kits during the class time on</u> **Wednesdays** as you are required to <u>demonstrate your laboratory activities to me</u>. I dedicate **one hour of the Wednesday sessions** to observe your works.

Thank you.

Best Regards,
Shayan (Sean) Taheri, Ph.D.
Assistant Professor
The Department of Electrical and Cyber Engineering (ECE)
The Institute for Health and Cyber Knowledge (I-HACK)
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Joining IEEE Young Professionals Group

Posted on: Sunday, September 18, 2022 6:32:46 PM EDT

Posted by: Shayan Taheri
Posted to: 22FA
Microcontroller Apps w IoT 01

Institute of Electrical and Electronics Engineers (IEEE) Young Professionals (YP) is a group of IEEE members and volunteers who have graduated from their first professional degree within the past 15 years.

It is an international community, whose members are interested in elevating their professional image, expanding their global network, connecting with peers locally, and giving back to their community.

Since it encompasses all members from recent university graduates to experienced professionals and entrepreneurs, the group is highly diverse in what it has to offer.

We are currently looking for volunteers who would be interested in Young Professional leadership roles at the Area and Region levels. A number of the responsibilities would be:

1. Manage and lead IEEE Section Young Professional Affinity Group through the IEEE committee structure.
2. Set-up and run Regional YP activities -- virtual, hybrid, and in person as decided by your group.
3. Report on activities and represent the Region in IEEE activities, both virtual and in-person.

More information about IEEE YP can be found here: "**yp.ieee.org**".

The **IEEE Women in Engineering (WIE)** International Scholarship: "**https://wie.ieee.org/wieinternationalscholarship**".

If you are interested in this volunteering opportunity, please email **Ms. Marwah B. Obaid**, "**obaid003@gannon.edu**".

New Course Contents - September/13/2022

Posted on: Tuesday, September 13, 2022 4:14:55 PM EDT

Posted by: Shayan Taheri
Posted to: 22FA
Microcontroller Apps w IoT 01

Dear Everyone,

Greetings to you.
The materials, "**ECE245_Lecture01**",
"**ECE245_TheoreticalAssignment1_FA22**", and
"**ECE245_LaboratoryAssignment1_FA22**" were uploaded in the
"**Course Content**" section of your toolbar.

Thank you.

Best Regards,
Shayan (Sean) Taheri, Ph.D.
Assistant Professor
The Department of Electrical and Cyber Engineering (ECE)
The Institute for Health and Cyber Knowledge (I-HACK)
The Gannon University (GU)
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University Profile: https://www.gannon.edu/FacultyProfiles.aspx?profile=taheri001
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Sample Course Materials - Package 01

Posted by: Shayan Taheri
Posted to: 22FA
Microcontroller Apps w IoT 01

Posted on: Tuesday, September 13, 2022 4:12:04 PM EDT

Dear Everyone,

Greetings to you.

The package number one
("**ECE245_ResourcesPackage01_FA22_Taheri.zip**") containing
sample course materials was uploaded in the "**Course Resources**"
section of your toolbar.

Thank you.

Best Regards,
Shayan (Sean) Taheri, Ph.D.
Assistant Professor
The Department of Electrical and Cyber Engineering (ECE)
The Institute for Health and Cyber Knowledge (I-HACK)
The Gannon University (GU)
Electronic Mail (Email) Address: taheri001@gannon.edu
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