Assignment Project Exam Help

CSC301 https://powcoder.com

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Introduction to Software Engineering

Assignment Project Exam Help "Begin with the end in mind."

- Stephen R. Covey

Instructor (David Jorjani)

- Former Founding Engineer/Team Lead at Kooltra
 - FinTech startup with \$8.9M raised in capital
- Leading productive representation
 - Al startup satpenipowoildene of resumes monthly
- Teaching CSC301 since 2017 Add WeChat powcoder

Who are you?

- Computer Science students
 - Internship or PEY experience
 - No indessignment Project Exam Help
 - Taking the happy space of the gram requirement
- Who else?
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What will you accomplish in this course?

- You will build a functional software
- Used by real users
- Adding values signment Project i Exam Help
- With a real customer/partner
- In a "large" team https://powcoder.com
- To add to your rashdn We Chiat proview der

Course Goals

- Learn how to work in a team to build a product
 - Communication with your team and your customers
- Introduce software development life-cycle (SDLC)
 - o Tasks, to Alsspigative no Professionals
 - Standard soft https://powgoderacomork used in industry
- Get you to think as pragmatic professionals Add WeChat powcoder
 - Identify common problems and apply thoughtful solutions
- Learn some new tech skills
- Improve programming skills in the language of your choice

Topics

- Version control & Collaboration (Git & GitHub)
- Software processes & teamwork
 - focusing Assigniment Projecties am Help
- Product management
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 o Articulating what we're building, who we're building it for and why it is AstduWe@hatepowcoder
- Software design & architecture
 - Design patterns
 - Code craftsmanship
- Automated Testing & DevOps
- Application Programming Interfaces (APIs)

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Resources

Course website:

On Quercus

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- Discussion Board: Piazza
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- GitHub organization: Add WeChat powcoder
 Details to follow

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On my teaching philosophy Add WeChat powcoder

Communication Policy

- Email: csc301-2021-01@cs.toronto.edu
 - Begin email subject lines with "[CSC301]"
 - o If your **designment Geniest Exams Helm**e class, please post it on the discussion board (Piazza), instead of sending an email
- Office hours: Markey 26 lost-powooder

Teaching Assistants

- Project TAs
 - Adam El-Masri (Head TA)
 - ShashaAksignment Project Exam Help
- Assignment TAs
 - Wenzhangzhttes://powcoder.com

Email Policy

- Always include CSC301-A1/A2/D1/D2/D3, etc. in the subject
- Always include your utorid and specific details (e.g., repo link) with your reguest nment Project Exam Help
- Use the following emails:
 - csc301-2021-0 https://powedodergeomal requests related to the course

Prerequisites

- CSC209 Software Tools and Systems Programming
 - Implicit prerequisite, CSC207 Software Design
 - Basic Object griented to Project i Exam a Welp
 - Comfortable with Unix command line
- CSC263/CSC2bttpqE/poweepbaconructures and

Analysis

- Add WeChat powcoder
 Understand the difference between data type (interface) and data structure (implementation)
- Basic data structures and types
- E.g.: Array, List, Queue, Stack, Map (aka dictionary), Tree, Graph

Marking Scheme

2 Programming Assignments	30%
Team Praject (3 deliperables xam Help throughout the term) https://powcoder.com	55%
Team Presentation Add WeChat powcoder	15%

No exams!

Assignments

- 2 programming assignments
- Goal is to apply programming concepts and learn new tech Assignment Project Exam Help

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Team Project

- ~9 weeks long
- 5-6 students per team
- One TA perassing mastern Project Exam Help
- Focus:
 - o Defining a prod**https://powgcoderacom**ed
 - Building a prototype/MVP
 - o Organizing and Addin We Chatapowcoder
 - Working in a traceable manner
 - Presenting your work

Team Project - What is it?

 Identify a problem, the people it affects, and how you intend to solve it

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- Build a proof-of-concept or "Minimum Viable Product" https://powcoder.com
- Evaluating your ability to use a software process to build a usable product Add WeChat powcoder
- Facilitated by the TAs during tutorials

Team Project - Two options(1)

- Partner option:
 - o Product Alesing their Project Exams Heiros
 - More realistic herojegtowith delicated and users
 - o Products can be defined the termination of the power of the control of the cont
 - Project proposals are available <u>here</u>

"This is learning as it should be - capable students tasked with a complex project that will make a real difference to many. While our team's understanding of technology was clearly evident, I was even more impressed by their determination, teamwork, resource Assignment Psojectje xama Jeept and communication skills. Technology will change but the other skills these students exercised mean they are https://powcodes.comever the challenge. I'm grateful our organisation could be among the lucky ones to benefit. Thank you for taking education in the right delever hat rowgoder ad of Senior School at Kingsway College School

"This partnership program is extremely meaningful for both nonprofit/charitable organizations and students alike. All learning that occurs at the student and organizational level begets progress for both parties, which ultimately, moves the needle on solution Aissignmento Projecte Exam Holper the lives of vulnerable people and communities. "-Feeding Canadian Kids https://powcoder.com

Team Project - Two options(2)

- Self-directed option:
 - Related Assignment Project inable Papelopment
 Goals

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Product defined by you

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You can request to pitch your ideas in the tutorial and on Piazza

Team Project - Process

- Document your own team process
 - You will learn how to do this
- Improve your process over the course of the semester to become a mortaffici/protectment.com

Team Project - Product

- Building an application that solves a problem
- Use any tools you choose Assignment Project Exam Help
 - We will teach you the basics of some https://powcoder.com
- Browser extension, mobile apps, etc.
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- Make something useful!

Team Project - Next steps and tips

- Next few tutorials: we'll facilitate the creation of teams
 - Have a solid understanding of the tools you're comfortable with as well as your significants and the solid understanding of the tools you're comfortable with as well as your significants.
 - Know your scheftles://powcoder.com
 - Pitch and listen to ideas Add WeChat powcoder
 - Create a team, pick a time slot and attend tutorials
- Follow your TA's advice and feedback

Team Project

- 55% Four deliverables
 - Concise deliverables presenting your work
 - Meant to be useful, not to add extra work
 - Evaluated by the TAs
 - Consistent individual contribution is very important Help

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 You are expected to contribute valuable work regularly

 - Your grade will also depend on this!
- https://powcoder.com 15% - Final demo

 - During the last week(s) of the term Evaluated by the Instructor Evaluated by the Instructor
- Note: We will have peer evaluations! (Details to follow)

Fair grading exercise

Given a team mark of 80, what do you think is a fair grade for each student? A) All equal 80+ for the firs Assignment Project Exam Help the last two All varied by their contemps of powcoder.com Other Add WeChat powcoder

Cheating

- Don't cheat! (It can have severe implications)
- Feel free to discuss ideas with others share code with others https://powcoder.com
- You can use available resources with proper references
- When in doubt, ask your instructor or TA

Getting Help

- Lots of new concepts
- Therefore Assignment Project Examed Helphing, you should ask
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 - During office hours on the discussion board or in class
- University-wide resources available to learn how to write better
 - Explore <u>English Language Learning</u>

Bottomline

- 301 is not about one technology or tool. It is about how to think, learn and work like a professional software engineer
- In this course you practice learning, the essential skill for professionals in tech Assignment Project Exam Help

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FAQ

- I can learn all these things in my internship or PEY. Do I really need 301?
- I have already done an internship. I already know everything here, right?
- I don't know my team. Will I have a bad experience?
- Is it a good ide Assignmenty Project Exam Help
- I don't know web programming or databases. Should I still take the course?
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Please keep in mind that CSC301 is a hands-on course!

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In other words Add wether beweden a lot of work.

Stay in the course only if you are ready to do the work