Summarization for CSE201-Advanced Programming-Monsoon 2017

Course Name: CSE201:Advanced Programming

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Total Sent: 190 **Total Filled:** 155

Start Date: Nov. 13, 2017, midnight **End Date:** Nov. 16, 2017, 11:59 p.m.

SECTION 1 : Self Assessment

| No | Question | 1 | 2 | 3 | 4 | 5 | Avg. | NA |
|-----|---|---|----|----|----|----|--------|----|
| 1.1 | What was your attendance in this course with respect to lectures and compulsory tutorials, labs? 1: 0-20% 2: 20-40% 3: 40-60% 4: 60-80% 5: 80-100% | 4 | 12 | 39 | 63 | 38 | 3.7628 | -1 |
| 1.2 | On an average, how much effort have you put into this course for course-related work (including lectures)? 1: Hardly any effort (3 hours) 2:Little effort (3-5 hours) 3:Average effort (5-9 hours) 4:A lot of effort (9-12 hours) 5:Very time consuming (> 12 hours) Standard load for 4-credit courses. Load may vary proportionately for courses with different credits. | 3 | 13 | 43 | 64 | 33 | 3.7115 | -1 |

SECTION 2: Course Outcomes

Average of "Course Outcomes" questions = 4.13971539457

| No | Question | 1 | 2 | 3 | 4 | 5 | Avg. | NA |
|-----|--|---|---|----|----|----|--------|----|
| 2.1 | Able to demonstrate the knowledge of basic principles of Object Oriented Programming such as encapsulation (classes and objects), interfaces, polymorphism and inheritance; by implementing programs ranging over few hundreds lines of code | 1 | 3 | 13 | 45 | 92 | 4.4545 | 1 |

| 2.2 | Implement basic event driven programming, exception handling, and threading. | 1 | 4 | 16 | 56 | 78 | 4.329 | 0 |
|-----|--|---|---|----|----|----|--------|---|
| 2.3 | Able to analyze the problem in terms of use cases and create object oriented design for it. Students are able to present the design in UML | 2 | 3 | 24 | 59 | 66 | 4.1948 | 1 |
| 2.4 | Able to select and use a few key design pattern to solve a given problem in hand. | 7 | 6 | 33 | 59 | 50 | 3.8968 | 0 |
| 2.5 | Able to use common tools for testing (e.g., JUnit), debugging, and source code control as an integral part of program development | 7 | 8 | 42 | 46 | 52 | 3.8258 | 0 |

SECTION 3 : Course Organization

Average of "Course Organization" questions = 4.3837398374

| No | Question | 1 | 2 | 3 | 4 | 5 | Avg. | NA |
|-----|--|---|---|----|----|----|--------|----|
| 3.1 | The course was effectively organized to achieve course objectives & postconditions. 1: Strongly disagree 2: Somewhat disagree 3: Neutral 4: Somewhat agree 5: Strongly agree | 0 | 4 | 15 | 38 | 97 | 4.4805 | 1 |
| 3.2 | The course developed my skills and ability to think critically about the subject. 1: Strongly disagree 2: Somewhat disagree 3: Neutral 4: Somewhat agree 5: Strongly agree | 1 | 1 | 22 | 41 | 89 | 4.4026 | 1 |
| 3.3 | Assignments, homeworks, term paper, projects (as applicable) improved my understanding of the course material. 1: Strongly disagree 2: Somewhat disagree 3: Neutral 4: Somewhat agree 5: Strongly agree | 1 | 2 | 24 | 35 | 92 | 4.3961 | 1 |

| | The course stimulated my interest in the subject matter and relevant topics. | | | | | | | |
|-----|--|---|---|----|----|----|--------|---|
| 3.4 | - | 2 | 6 | 21 | 46 | 78 | 4.2549 | 2 |
| | 1: Strongly disagree 2: Somewhat | | | | | | | |
| | disagree 3: Neutral 4: Somewhat | | | | | | | |
| | agree 5: Strongly agree | | | | | | | |

SECTION 4 : Course Administration & Instruction

<u>Average of "Course Administration and Instruction" questions = 4.43398268398</u>

<u>Average of "Course Organization" and "Course Administration and Instruction" questions = 4.4139051332</u>

| No | Question | 1 | 2 | 3 | 4 | 5 | Avg. | NA |
|-----|---|---|---|----|----|-----|--------|----|
| | The instructor clearly defined and | | | | | | | |
| | explained the post-conditions, | | | | | | | |
| | course objectives, expectations | | | | | | | |
| 4.1 | and course policies. | 0 | 2 | 15 | 33 | 104 | 4.5519 | 1 |
| | 1: Strongly diaggree 2: Somewhat | | | | | | | |
| | 1: Strongly disagree 2: Somewhat | | | | | | | |
| | disagree 3: Neutral 4: Somewhat | | | | | | | |
| | agree 5: Strongly agree The instructor presented the | | | | | | | |
| | subject matter effectively. | | | | | | | |
| | Subject matter effectively. | | | | | | | |
| 4.2 | 1: Strongly disagree 2: Somewhat | 0 | 3 | 15 | 33 | 103 | 4.5325 | 1 |
| | disagree 3: Neutral 4: Somewhat | | | | | | | |
| | agree 5: Strongly agree | | | | | | | |
| | The instructor was integral to my | | | | | | | |
| | learning of the subject matter of | | | | | | | |
| | this course. | | | | | | | |
| 4.3 | | 1 | 5 | 24 | 40 | 84 | 4.3052 | 1 |
| | 1: Strongly disagree 2: Somewhat | | | | | | | |
| | disagree 3: Neutral 4: Somewhat | | | | | | | |
| | agree 5: Strongly agree | | | | | | | |
| | The assessments (of exams, | | | | | | | |
| | graded homeworks, quizzes, | | | | | | | |
| | graded labs, projects, etc.) allowed | | | | | | | |
| | me to demonstrate my | | | | | | | |
| 4.4 | understanding of the course | 2 | 7 | 22 | 44 | 79 | 4.2403 | 1 |
| | material. | | | | | | | |
| | 1: Strongly disagree 2: Somewhat | | | | | | | |
| | disagree 3: Neutral 4: Somewhat | | | | | | | |
| | agree 5: Strongly agree | | | | | | | |
| | The instructor provided | | | | | | | |
| | constructive feedback in an | | | | | | | |
| | effective manner in his evaluations. | | | | | | | |
| 4.5 | | 0 | 4 | 21 | 44 | 85 | 4.3636 | 1 |
| | 1: Strongly disagree 2: Somewhat | | | | | | | |
| | disagree 3: Neutral 4: Somewhat | | | | | | | |
| | agree 5: Strongly agree | | | | | | | |

| 4.6 | The instructor tried his best to address students' questions, difficulties and other concerns with respect to the course. | 0 | 1 | 13 | 31 | 109 | 4.6104 | 1 |
|-----|---|---|---|----|----|-----|--------|---|
| | 1: Strongly disagree 2: Somewhat disagree 3: Neutral 4: Somewhat agree 5: Strongly agree | | | | | | | |

SECTION 5 : Additional Components

| No | Question | 1 | 2 | 3 | 4 | 5 | Avg. | NA |
|-----|--|----|----|----|----|----|--------|----|
| 5.1 | The labs helped me in understanding the subject matter better. 1: Strongly disagree 2: Somewhat disagree 3: Neutral 4: Somewhat agree 5: Strongly agree | 1 | 4 | 16 | 40 | 90 | 4.4172 | 4 |
| 5.2 | The teaching assistant(s) were effective in helping me learn the subject matter. 1: Strongly disagree 2: Somewhat disagree 3: Neutral 4: Somewhat agree 5: Strongly agree | 20 | 21 | 49 | 37 | 24 | 3.1589 | 4 |
| 5.3 | The tutorials helped me in understanding the subject matter better. 1: Strongly disagree 2: Somewhat disagree 3: Neutral 4: Somewhat agree 5: Strongly agree | 27 | 23 | 57 | 22 | 20 | 2.8993 | 6 |

SECTION 6 : Open Comments

| No | Question and Answer |
|----|---------------------|
| | |

What helped you learn in this course? Labs and project Labs Well planned lectures and and a nice project. One of the most interactive professor as well, who always answered our queries. Lecture Slides are phenomenal Instructor is amazing Labs, lectures, tutorials. Perfect course - with every component helpful and adding to learning. Amazing Professor. A lot about inject oriented programming. I realized it's importance when I tried to build an so without it. Lecture Slides, Labs Labs and sir's slides(as I didn't attend most classes) Lectures The lecture slides, labs and regular quizzes. The course project and the labs helped a lot to learn. The labs Everything. Doing the labs, project helped me in this course the most. The slides were very helpful too. The lectures and course project taught me the most of things in AP Labs, exams and lectures Self study. NA The coding aspect was interesting Classes and slides The course was not of my interest. I learned a few things from the lab assignments. 6.1 OOP The slides were well made and helped me a lot. Sir's detailed teaching style, answering any and all doubts, and his trying his best to answer each and every concern. The meticulous nature of the teacher, his organised resources and detailed lectures along with labs that were based on the class material helped me learn in this course. The labs. Lectures and labs The labs! The labs helped me prepare for the upcoming quiz. The toughness of lab was on point. I won't ever forget lab4(herbivore carnivore lab) Online tut Labs Labs and the way Sir taught. Labs The instructor and his lecture slides. Practicing what is taught. youtube/ Pluralsight/ Sirs notes Labs and Project Basic usage of different data structures and all different tools of Java giving a deep knowledge of Java programming. Bb Slides were very good The labs. There should've been more. It's tough to meet o many deadlines, but frequent kabs make sure that we stay in touch withthe course. Lecture slides were pretty great too! Intructor and course material. The professor is amazing and the lab assignments were challenging but still doable.

What changes would improve your learning?

None

The project should be more open instead of being so specific.

More labs can be introduced

Tutorials should be well organized or I would say with TAs, the tutorial is waste, if instructor take 1 hour tutorial on its of whole class at once and the TAs were just in the lecture hall to clarify doubt. The result will be remarkable.

Just because its a 4-credit course doesnt mean it has to come with such a burden. The amount of labs(and the time they took), quizzes, bonus labs, bonus quizzes, project, bonus for the project etc. It doesnt have to be this much. The amount of time i put into this course alone was equivalent to the time put in the rest of the 4 courses. No matter how lenient one is with the assessment and all shit, workload is too much and wasnt worth it.

Everything was perfect.

Everything is exceptional.

Course is perfect except for rubric system and biased TAs This instructor is simply awesome. I don't think I've any suggestion

Nil

Less of if-else type labs

The prof

Nothing.

None

A feedback during demos regarding what should have been the correct version instead of just disregarding the approach not mentioned in the rubric

Better utilization of tuts.

NA

None

Better tutorials

Nothing. If a student is not interested, then nothing can improve learning. Generally speaking, the course is good enough to help any interested person learn the subject effectively.

The course was perfect.

More practical stuffs involving labs.

The removal of no partial marking in quizzes takes a lot of pressure off the person in a relatively graded course and allows you to focus more on learning. Also announcing the project topics earlier in the Course, like IED course would help me explore more in JAVA and OOPS concepts to make a better project.

The course is the best organised course (which I have taken so far) in every sense, from lectures to labs and project. No changes are required.

It was spot on

i don't know

-

Rubrics should be based on knowledge of students but not on the absolute correctness of answer We get to choose our own project and we get to start to earlier. Project is about learning. Due to pressure from all courses, it becomes tougher to complete the deadline. If we start early, we can focus on adding extra features to the project. Learn beyond class. Have 2 projects. One building on our own and the other building through the labs. Labs become related and combine to give a bigger

project

More Practice and understanding algorithms better.

The pace.. SLOW DOWN PLEASE!

Bettwr rubrics in labs and specially final project

Nothing

Not rushing the course towards the end

More practical implementation of problems instead of just theory quizzes.

Nothing.

Better tutorials where the TAs are more actively involved.

6.2

| | What suggestions do you have for another student considering taking this course? |
|-----|---|
| | These may be shared with future students. |
| | Labs are extremely important and should never be missed or skipped |
| | • Consistency |
| | Just be sincere and follow viveks sir instruction. |
| | Really great course. Will teach a lot about real world stuff which you'll actually user in your |
| | programs. |
| | Beware of TAs - Very non-uniform marking |
| | Take this course and attend classes. |
| | Sir slides are enough, If you go to class and do labs yourself this course will be easiest |
| | among all your other courses. |
| | • Good course. |
| | Even if you are not attending classes, stay very regular in this course and keep in sync |
| | using the lecture notes. |
| | The course is easy if you pay attention in class and the slides are really informative. Do not |
| | procrastinate on the course project. |
| | Dont take it, you can do it yourself |
| | • It is compulsory. |
| | Be regular in doing the labs. |
| | Attend Classes! |
| | Study with the class, do regular revision |
| 6.3 | • NA |
| | A really good subject to take |
| | Great course |
| | If you like mathematics or theoretical computer science a lot, then do NOT take this course. |
| | If you like software development (creating GUIs, etc), then please take this course. |
| | BE regular ,nothing more is required. |
| | Attend classes. |
| | You HAVE to mug certain things up. Accept it as early as possible. |
| | • Do the labs well. |
| | Try to attend maximum lectures. |
| | Do not crib about labs. They're meant to be tough. Deal with it. Everything is not about |
| | marks. And do not plagiarise. Whenever I couldn't do a lab, I never approached anyone |
| | else because I want to learn for myself and taking help from others in a programming |
| | oriented course is suicide. EVERYTHING IS NOT ABOUT MARKS |
| | evreything is great |
| | • - |
| | • |
| | • Practice |
| | I didnt get any suggestions based on previous students who took this course, so |
| | Be consistent in learning the course. |
| | • Cc |
| | Pretty easy and interesting course. |
| | |
| | |

Comments on labs (if any) with respect to the course and your learning. Labs were good from the beginning, only the evaluation part wasn't which also became better as the course progressed Satisfactory Well designed labs (except the most lengthy one, not because of its length, but the concepts applied per unit length. The lab became more of blind programming, atleast for me) The labs were good but initial labs were bit lenghty for 1 or 2 dqy deadline. Were great. Not so time consuming plus they helped me in learning Good labs, if you there grading could be better Nice labs, Enjoyed doing them. Labs were the most important factor in my learning of this course. The labs were nicely made except for some labs which just tested if else skills Perfect. Labs were very well designed and helped me learn a lot. Labs were neutral, we did implement the concepts required, but beyond a point, most labs seemed monotonous and labor work. NA The labs were nice. 6.4 The deadlines were sometime unrealistic which was later taken care of Enough resources for reference or support should've been shared w/ labs for ease of doing it on time. Also more time should've been provided for some labs. Labs were great but evaluation was not that great. Good. Labs were designed in the best way possible and helped me in learning and practising concepts. good Labs helped me a lot understanding the subject Best thing to learn an programming concept. They were interesting too. towards the end, sir understood the toughness and eased out a bit..which was relaxing Labs were OK Labs were good. Dd labs were very good integral to my learning Aided learning very much Very good.

| | Comments on teaching (if any) assistant(s) with respect to the course and your |
|-----|--|
| | learning. |
| | • Good |
| | • Satisfactoey |
| | The attendance started dropping, so did the TA's effort to explain the material. The TA |
| | failed to realise that the remaining students were the ones who were the most interested |
| | (out of the entire group). |
| | Nothibg cant be done to the TAs. |
| | Horrible TAs and TF |
| | Stupid TAs Full of Ego |
| | My TA was very helpful and understanding and helped me wherever he could. |
| | Most of the material is readily available on the internet so TA's were not necessary |
| | • N/A |
| | • TA's were helpful. |
| | TA's really need to prepare well for the tutorials and labs. Even though the material is |
| 6.5 | already made for the tut's, still most of the time I was told to search google instead of |
| | asking. |
| | • NA |
| | • NA |
| | • Sir is great |
| | The TAs for CSAM were mostly irregular in tutorials or doesn't take the tutorial at all. |
| | • None |
| | No such comment. |
| | • not good |
| | · - |
| | · |
| | • nothing |
| | Not very helpful |
| | • Nothing. |
| | • Ee |
| | • Fair. |

| | Comments on tutorials (if any) with respect to the course and your learning. |
|-----|---|
| | • Satisfactory |
| | • In a tutorial 9 slides sir show how to install scene builder in a very good way, if sir possibly |
| | upload some slides for all the tutorial(in previous tutorials they were not explained well). |
| | Sometimes helpful |
| | The tutorials were not so much useful as it is not possible to explain some things in one |
| | hour |
| | • Nope. |
| | • I hardly attended the tutorials but whatever I attended the TA covered up everything well. |
| | Tutorial questions usually were quite subjective, although the matter covered was |
| | completely relevant and I appreciate it's utility in our projects. |
| | • NA |
| 6.6 | They were a waste of time. |
| | Useless to conduct tutorials |
| | The tutorials which were the sole domain of the TAs were not effectively delivered, |
| | rendering them useless. |
| | I attended few tutorials in starting but didn't find them much useful. |
| | • not good |
| | - |
| | • - |
| | • nothing |
| | • Ok |
| | Nothing. |
| | • Ff |
| | Didn't attend much. |