

TEXAS A&M UNIVERSITY

CSCE 483: COMPUTER SYSTEM DESIGN, SPRING 2017

STUDENT QUESTIONNAIRE

YOUR NAME: _____ UIN: _____

This questionnaire is being distributed to help us learn more about your interests, academic strengths and experiences. The information you provide will assist us in assigning you to the appropriate project.

QUESTION 1

The last page of this handout lists a number of Computer Engineering/ Science specialties. Please select the top three areas the best describe your INTERESTS.

- My first choice is _____
- My second choice is _____
- My third choice is _____

QUESTION 2

List the top three courses that you have enjoyed the most during your undergraduate studies.

QUESTION 3

Describe your STRENGTHS. For example, would you describe yourself as a **software** person, a **hardware** person, or **both**? Are you better at creating, analyzing or implementing solutions? Are you a bottom-up or a top-down person?

QUESTION 4

Would you be available to meet at EITHER lab time or only at the official lab time for your section?

LAB time: **1)** MW 09:40 am-12:10 pm **2)** TR 05:15 pm-07:45 pm. Please ANSWER 1, 2, or 1 &2

NOTE: The more options you give us, the higher the chances we can assign you to one of your preferred projects.

QUESTION 5

Describe any hands-on SKILLS (e.g. programming languages, software packages, design tools) that would make you attractive to a potential employer.

QUESTION 6

DESCRIBE any additional QUALIFICATIONS or CONSTRAINTS that you think should be considered when assigning you to a particular project. Do you have any additional background outside of the Computer Engineering curriculum?

Areas of Interest

- TH** Theory, parallel algorithms, algorithms, combinatorics, optimization, cryptography, theoretical computer science
- Chi+** Human computer interaction, multimedia, cognitive modeling, hyper/multi media/text, digital libraries
- CSys** Computer systems, computer architecture, resilient CSys, fault tolerance, VLSI
- NetDis** Networks, communications, distributed systems/computing, computer communication, distributed/concurrent systems, telecommunications, high speed network, scalable infrastructure, security, cryptography Web, Internet, XML, HTML, e-commerce
- RT** Real-time systems, embedded computers/systems
- OS** Operating systems, remote computing, cooperating processes
- SW** Software engineering, software, distributed agents, intelligent agents, object oriented model design, formal methods, software metrics
- CmplLang** Compilers (often parallel), language design
- DB** Database, distributed DB, DB management systems, OODB, information systems
- IS/R** Information storage and retrieval, data mining
- AI/ap** Artificial intelligence, neural nets, fuzzy logic, machine learning, intelligent agents, virtual reality, data mining
- CSE** Computational science/engineering, computational mathematics, numerical analysis/computing, scientific computing, simulation, high performance computing
- Gr/Viz** Computer vision, image processing, imaging, graphics
- Rob** Manufacturing automation, robotics, industrial automation, sensors
- Other** Any other specialties not included in this list (please specify)