New Student Orientation
Graduate Programs
Software and Engineering
School of Engineering

September 8, 2015
Facts about The University of St. Thomas (UST)

- Founded in 1885
- Coeducational in 1977
- Minnesota’s largest independent university
- Seven colleges and schools
  - College of Arts & Sciences
  - Opus College of Business
  - College of Education, Leadership, and Counseling
  - School of Divinity
  - School of Social Work
  - School of Law
  - School of Engineering
Facts about The University of St. Thomas (UST)

- 96 undergraduate majors and 46 graduate programs
- Nearly 11,000 students, approximately 42% are graduate students
- Campuses/Sites
  - Saint Paul
  - Minneapolis
  - Rome
- Accredited by the Higher Learning Commission of The North Central Association of Colleges and Schools
Graduate Programs

- Software
- Engineering
Graduate Programs in Software

Master’s degrees:
- Software Engineering (42 credits)
- Software Management (42 credits)
- Data Science (36 credits)
- Information Technology (36 credits)

Certificates:
- Big Data
- Business Analysis
- Computer Security
- Data Management
- Embedded Systems
- Advanced Studies
- Certificate in HealthCare Analytics (available soon)
Graduate Programs in Engineering

- **Master’s degrees:**
  - Electrical Engineering (30 credits)
  - Mechanical Engineering (30 credits)
  - Manufacturing Engineering (30 credits)
  - Regulatory Science (33 credits)
  - Systems Engineering (30 credits)
  - Technology Management (36 credits)

- **Certificates:**
  - Manufacturing Systems
  - Medical Device Development
  - Technology Leadership
  - Power Electronics and Systems (available soon)
Enrollments as on September 8, 2015

➢ **Software:**
  - Headcount – 541

➢ **Engineering:**
  - Headcount – 220
Course Load and Planning

• Plan in consultation with your advisor
• Take what you can handle – we recommend two courses per semester
• Degree audit – you can do it yourself
• Note the prerequisites and frequency of course offerings
Access to your Instructor

• Every faculty member maintains office hours
• Also available by appointments, email, and phone
Resources Available

• **Library** – open for extended hours
• **Online resources** – UST library subscribes to over 300 online databases
• **Blackboard** software used in UST
• Computing facilities available through out the campus
• **Campus wide wireless** access
Professional Organizations

• IEEE and ACM student membership
• Twin Cities Hadoop User’s group
  – 855 members (meetup.com)
• SCRUM user’s group meetings
• Minnesota Information Professional Society
• And more!
Software Engineering Book Club

• Founded by Dr. Brad Rubin
• For more details http://www.goodreads.com/group/show/32992.Software_Engineering
• Membership has grown to 294
• Currently reading "Making Sense of NoSQL"
Employment Opportunities

- UST Career Development Services
  [http://www.stthomas.edu/careerdevelopment/](http://www.stthomas.edu/careerdevelopment/)
- On-campus jobs
- Internships
- Career fairs
- Job postings – by email and bulletin board
- Career Development information session held in GPS once a semester
UST Academic Integrity Policy

• **Honesty and trust** among students and between students and faculty are **essential** for a strong, functioning academic community.

• Consequently, students are expected **to do their own work** on all academic assignments, tests, projects and research/term papers.

• **Academic dishonesty**, whether **cheating, plagiarism** or some other form of dishonest conduct related to academic coursework and listed in the Student Policy Book under "Discipline: Rules of Conduct" will automatically result in failure for the work involved. But academic dishonesty could also **result in failure for the course** and, in the event of a second incident of academic dishonesty, **suspension from the university**.
UST Academic Integrity Policy

• **Cheating** - Intentionally using or attempting to use unauthorized materials, information, or study aids in any academic exercise. The term academic exercise includes all forms of work submitted for credit.

• **Fabrication** - Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.

• **Facilitating Academic Dishonesty** - Intentionally or knowingly helping or attempting to help another to violate a provision of the institutional code of academic integrity.

• **Plagiarism** - The deliberate adoption or reproduction of ideas or words or statements of another person as one's own without acknowledgment. You commit plagiarism whenever you use a source in any way without indicating that you have used it. If you quote anything at all, even a phrase, you must put quotation marks around it, or set it off from your text; if you summarize or paraphrase an author's words, you must clearly indicate where the summary or paraphrase begins and ends; if you use an author's idea, you must say that you are doing so. In every instance, you also must formally acknowledge the written source from which you took the material. (This includes material taken from the World Wide Web and other Internet sources.)
UST Academic Integrity Policy

• Group work vs. individual work
• Picking up someone else’s work and copying it and submitting as one’s own
• Copy and paste from Internet
• Appeal process exists
• Academic Integrity is strictly enforced at UST
Study Tips

• Keep an open mind to learn
• Work hard and do not procrastinate
• Plan out your courses and activities for work/life balance
• Use the many resources available to you
• Never assume things, ask your instructors, and others for help. (We are here to help!)

Learn to become lifelong learner
Contact Information

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