

# Senior Project 2017

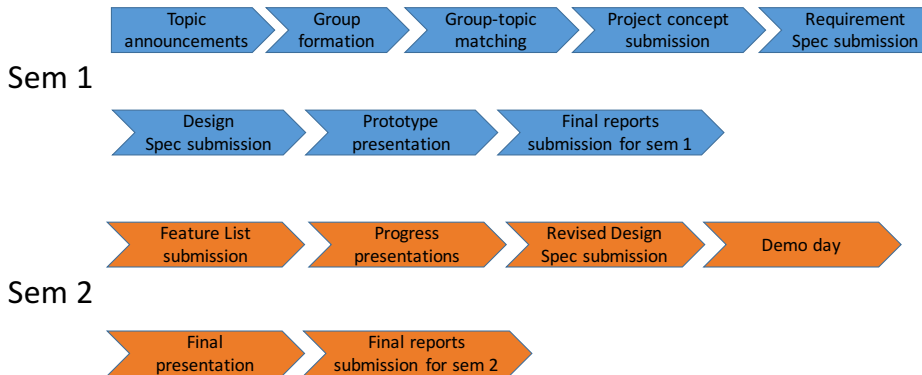
August 21, 2017

- ITS400/CSS400 Project Development (Semester 1)
- ITS403/CSS403 Senior Project (Semester 2)
- <http://ict.siiit.tu.ac.th/moodle/>
- <http://ict.siiit.tu.ac.th/SPM/>
- Facebook group: ICT/SIIT Senior Project 2017

# Topics for Today

- About Senior Project
- Expectations of Senior Students
- Selecting Groups, Topics and Advisors

# Senior Project lifetime



Detailed schedule: see

<http://ict.siiit.tu.ac.th/moodle/mod/page/view.php?id=1353>

# Deliverables and Presentations

## ● Semester 1

- 1 Deliverable 1: Project Concept
  - 2 Deliverable 2: Requirements Specification
  - 3 Deliverable 3: Design Specification (Arch. Design only)
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- 1 Presentation 1: Project Concept
  - 2 Presentation 2: Mockup
  - 3 Presentation 3: Prototype

## ● Semester 2

- 1 Deliverable 3: Design Specification (incl. Detailed Design)
  - 2 Deliverable 4: System Manual and System Delivery
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- 1 Presentation 4: Progress
  - 2 Presentation 5: Demo Day
  - 3 Presentation 6: Final

# How to get/avoid an A/F

## SIIT policy

- “A” and “F” should not be more than 30%
- Minimum criteria for obtaining “A” are
  - Publish a paper in international conference proceedings with peer review
  - Other criteria set by schools, such as receiving a patent, or an award from a contest/competition

# How to get/avoid an A/F

- Semester 1 (1 credit)
  - Deliverable 1: Project Concept - 10%
  - Deliverable 2: Requirements Specification - 20%
  - Deliverable 3: Design Specification (Architecture Design only) - 10%
  - Presentation 1: Project Concept - 5%
  - Presentation 2: Mockup - 5%
  - Presentation 3: Prototype - 35%
  - Weekly progress: 15%
- Possible bonus and Penalties
  - Bonus: Poster presentation in conference
  - Penalties: incorrect submissions, missing deadlines, inappropriate behaviour

# How to get/avoid an A/F

- Semester 2 (5 credits)
  - Progress Presentations 15%
  - Demo day 20%
  - Final Presentations 30%
  - Design Spec, System Manual and Code submissions 30%
  - Efforts, attendance 10%



# How to get/avoid an A/F

## Possible bonus and Penalties

- Bonus:
  - paper accepted in international conference
  - 1st, 2nd or 3rd prize in reputable competition
  - outstanding effort judged by multiple faculty members
- Penalties: missing or poor submissions (e.g. poor Feature List, no code submitted).

# Progress and Attendance

- Semester 1
  - Weekly meetings with advisor who evaluates your progresses via an online system
  - Seminars
  - At least 1 day a week at Bangkadi on senior project
- Semester 2
  - Attend School and SIIT seminars
  - Weekly meetings with advisor
  - At least 3 days a week at Bangkadi on senior project

# What Resources Are Available

- Mobile phones and tablets
- Wireless routers and sensors Raspberry Pi's
- iOS Developer University Program Microsoft Dreamspark
- Sound room and audio equipment
- Robots
- Home automation system
- ICT Server: Web, PHP, MySQL

# Materials and Supplies

- Budget: 8000 Baht per student Equipment, conference registration
- “Tax Invoice” or “Receipt” must be to “Sirindhorn International Institute of Technology, Thammasat University”
- Check with advisor and ICT secretaries before purchase

# Exchange and Extended Training

- Only take Project Development in semester 1
- Should form a group with other exchange/training students

# Expectations of Senior Students

- Innovative
- Independent
- Hard working
- Organised
- Responsible
- Professional
- Punctual
- Honest

# What to do now?

- Form a group
- 2 students, can mix IT and CS Exchange students work together
- Register your group today
- Browse offered topics
- Talk to potential advisors
- Declare preferred topics online