

# Practical Work Briefing

Even Semester 2015/2016  
Computer Science Program  
School of Computer Science

The background is a solid blue color with a gradient. On the left side, there are two overlapping circles of a lighter shade of blue. The word "REGULAR" is centered in the middle of the image.

**REGULAR**

# Practical Work

Purpose:

- Adding insight of working world
- Implementation of knowledge to working world
- Pre-Thesis – as preparation for Thesis

# Type of Practical Work

Type:

- Regular
- Non Regular

\*valid only for NON 3+1 Students  
**(non enrichment program students)**

# Regular vs Non Regular

Regular	Non Regular
Students may cross minor to form a group	Students may cross minor to form a group
Topics chosen can cross from student's minor	Topics chosen can cross from student's minor
Topic is from students	Topic is offered from SoCS (Lecturers)
Valid only for Practical Work	Valid to be continued to Non-Class Thesis*
No Proposal Submission to SoCS needed	Proposal Submission is NEEDED in PKM-KC format
Practical Work Location: BINUS & Non BINUS	Practical Work Location: BINUS & Non BINUS

\* After Practical Work Defense

\* Students must ask 1 junior student to join the research if Practical work is continued in Non Class Thesis

# TOPICS

- Choose topic that interest you or align with your minor is more recommended
  - Software Engineering
  - Database / Applied Database
  - Networking / Applied Networking
  - Intelligence System
  - Multimedia Interactive

## Sub Topic of REGULAR Practical Work

- Software Engineering
  - E-business application, web-based or mobile app
- Multimedia Interactive
  - Application based on multimedia such as Computer Aided Instruction (CAI), Kiosk Information, Catalog Product
  - Game app based on multimedia
- Database Technology / Applied Database
  - ex: Inventory information system, Sales information system, Purchase information system, etc
  - Geographical information System: map management as source of information

## Sub Topic of REGULAR Practical Work

- Networking / Applied Networking (Program is optional, only if needed)
  - Network design
  - Optimized or analyze network on a company
- Intelligence System
  - Discussing / analyzing algorithm used in a case
  - Use certain technique in Intelligent System / AI
    - ex: simple AI application, expert system



## Sub Topic of **REGULAR Practical Work**

- Others (Gaming, System App, etc)
  - Discussing trending topic (up-to-date technology) in IT
  - Game programming & design
  - System Tools programming & design
  - Application development in LINUX
  - Create simple OS

Other topics are **MANDATORY** to be consulted to SoCS

## NON REGULAR OFFERED TOPIC

1. Sistem Informasi Monitoring Lulus Tepat Waktu dan Aktif Student (SIMONLUTEWAK) ; ISINYA ATAU FIELDNYA PROFIL MAHASISWA SPERTI NAMA, nim, alamat, email, phone, IPK, Tahun masuk, Status/progres studi, Status Tesis, Status progress disertasi, Pembimbing, promotor, co-promotor, dll,
2. Repository Database Tesis dan Disertasi. Isinya antara lain Tesis, Disertasi, laporan teknis, summary bahan sidang terbuka, journal terkait tesis dan disertasi, dan lain-lain.
3. "Parents Desk" for SMA St. Ursula

# NON REGULAR OFFERED TOPICS

Others can be seen at:

[Topik KP Non Regular.xls](#)

# **NON REGULAR PRACTICAL WORK PROPOSAL**

- Cover Page / Halaman Judul (Lengkap dengan NIM, Nama Mahasiswa)
- Introduction / Latar Belakang Masalah
- Problem Statements / Perumusan Masalah
- Objective / Tujuan
- Expected Outcomes / Luaran Yang Diharapkan
- Benefits / Kegunaan
- Literature Review / Tinjauan Pustaka
- Methodology / Metode Pelaksanaan
- Schedule / Jadwal Kegiatan
- Cost Estimation / Rancangan Biaya
- References / Daftar Pustaka
- Appendices / Lampiran (Biodata Ketua dan Anggota Kelompok, Biodata Dosen Pendamping, Lain-lain)

## Topic Requirements

- All topics must create APPLICATION, except for NETWORK DESIGN
- Example for each topic is fundamentally can be seen in Thesis Collection at LIBRARY, but the scope is smaller
- Methodology / Design in Chapter 3 includes “Screen / Output Design”, “Database Design”, “Module Specification” and other design as needed
- Evaluation in Chapter 3 is evaluating the result of Practical Work.
- **Practical Work Report MUST BE in ENGLISH for SMART PROGRAM / GLOBAL CLASS students**

## Practical Work Report **SUBMISSION**

- Report is to be SUBMITTED to SSC (Student Services Center)
  - KEMANGGISAN : Anggrek Campus
  - ALAM SUTERA : Main Campus
- Please check DEADLINE for SUBMISSION in REGISTRATION CALENDAR
- Recommended to submit at Day – 7 to avoid being late
- Pay attention to SSC opening hours

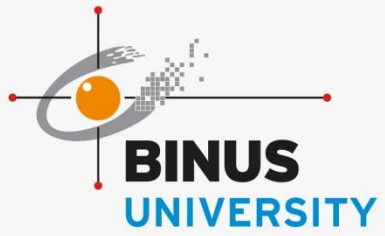
# Practical Work Report

- Report Creation can be only 1 book for 3 students from different minor

# IMPORTANT!

- Complete Description about REPORT FORMAT can be seen in PROCEDURES in BINUSMAYA





# Q & A

People  
Innovation  
Excellence



# CONTACT PERSON

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The background consists of a solid blue field with two large, overlapping, semi-transparent light blue circles. The circles overlap in the center-left area. The text 'GLOBAL CLASS' is centered horizontally and vertically in the overlapping area.

# **GLOBAL CLASS**

## WHAT'S DIFFERENT WITH REGULAR?

- EMBEDDED with ENTREPRENEURSHIP
- What TO DO?
  - Create Products WHICH have POTENTIAL in the MARKET
- JOIN REGULAR STUDENTS?
  - No, you cannot join regular students for Practical Work

# ENTREPRENEURSHIP EMBEDDED

- You have to attend Entrepreneurship Course every 2 WEEKS
- Attendance will be counted for “PASSING” Practical Work
- LECTURER: Mr. Gatot Hendro Prakosa
- PIC for CONTENT CONSULTATION WITH SOCS:
  - Kemanggisan :
    - MR. FERDINAND ARIANDY LUWINDA
    - [fluwinda@binus.edu](mailto:fluwinda@binus.edu)
  - Alam Sutera :
    - MS. VIOLITTA YESMAYA
    - [vyesmaya@binus.edu](mailto:vyesmaya@binus.edu)

# ENTREPRENEURSHIP SCHEDULE

Class LA - Kemanggisan	Day					
	1	2	3	4	5	6
Time						
07:20 - 09:00						
09:20 - 11:00						
11:20 - 13:00						
13:20 - 15:00						
15:20 - 17:00						
17:20 - 19:00						

- Monday : 13:20 – 15:00
- Location : ROOM 407
- Start : 29 FEB 2016

# ENTREPRENEURSHIP SCHEDULE

Class LB - Kemanggisan	Day					
	1	2	3	4	5	6
Time						
07:20 - 09:00						
09:20 - 11:00						
11:20 - 13:00						
13:20 - 15:00						
15:20 - 17:00						
17:20 - 19:00						

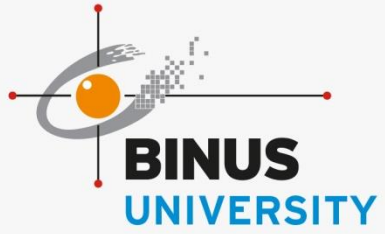
- FRIDAY : 15.20-17.00
- Location : ROOM 804
- Start : 4 MARCH 2016

# ENTREPRENEURSHIP SCHEDULE

Class Alam Sutera	Day					
	1	2	3	4	5	6
Time						
07:20 - 09:00						
09:20 - 11:00						
11:20 - 13:00						
13:20 - 15:00						
15:20 - 17:00						
17:20 - 19:00						

- THURSDAY : 13.20-15.00
- Location : ROOM ASA0805 (TBC with Ms. Vio)
- START : TBC





# Q & A