

MAF Week 2017

Week:

10 July 2017 – 15 July 2017

Host venue:

APU New Campus

Purpose/Objectives:

- To let students feel the fun and interesting side of Mathematics, Accounting and Finance.
- For students to apply the knowledge of Mathematics, Accounting & Finance that they have gained in classes with real life application.
- To create awareness, appreciation and understanding of Mathematics, Accounting and Finance through a variety of events and activities.
- To create a networking platform among the APU students.
- To gain knowledge from industrial experts from various field.

Schedules:

| <i>Date</i> | <i>Venue</i> | <i>Event</i> | <i>Lecturer in-charge</i> |
|-------------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| 10 th July 17 (Mon) | APU APU APU | <ul style="list-style-type: none"> • APU Challenge • Accounting and Finance Quiz • Entrepreneur Strategy | <ul style="list-style-type: none"> • Dr. Rajes/ Dr. Ryan • Ms. Ng & Ms. Lai • Mr. Suren/ Mr. Kannan |
| 11 th July 17 (Tues) | APU APU APU | <ul style="list-style-type: none"> • Tic Tac Toe • Mathematics Competition • Entrepreneur Strategy | <ul style="list-style-type: none"> • Mr. Saw/ Dr. Ryan • Ms. Sarah/ Ms. Norain • Mr. Suren/ Mr. Kannan |
| 12 th July 17 (Wed) | APU APU APU | <ul style="list-style-type: none"> • FOREX Trading Challenge • Mathematics Scrabble • Entrepreneur Strategy | <ul style="list-style-type: none"> • Ms. Dhama/ Ms. Kahya • Dr. Rajes/ Ms. Sireesha • Mr. Suren/ Mr. Kannan |
| 13 th July 17 (Thurs) | APU APU APU | <ul style="list-style-type: none"> • Career Talk • Apprentice Challenge (Recycle) • Entrepreneur Strategy | <ul style="list-style-type: none"> • Ms. Kumaraseh/ Mr. Suresh • Ms. Kavitha/ Mr. Suresh • Mr. Suren/ Mr. Kannan |
| 14 th July 17 (Fri) | APU APU APU | <ul style="list-style-type: none"> • BINGO • MathXplorace • Closing and Prize-Giving Ceremony | <ul style="list-style-type: none"> • Mr. Edward/ Ms. Maria • Mr. Saw • Mr. Guna/ Ms. Yoges |
| 15 th July 17 (Sat) | APU | <ul style="list-style-type: none"> • Interschool Mathematics Competition | <ul style="list-style-type: none"> • Mrs. Kwan |

Activities Descriptions:

1) **BINGO**

Objectives

- To provide an avenue for students to demonstrate their knowledge and skills in solving mathematical problems.
- To promote teamwork among students.

Participants

- Open to all APU undergraduates.
- Total target 70 participants or 35 teams (2 students in a team).

Activity Descriptions

- Each group of participants will be given 2 bingo cards (2 cards for each group of 2 students). The participants are to fill in the boxes on both cards with numbers from 1 to 25 in random order. One card is to be returned to the host while the group holds the other.
- Each group is required to answer a question that is chosen at random by the host.
- 1 minute will be allocated for the participant to answer each question.
- Participants **are not allowed** to use calculator during the competition.
- If the participants get the correct answer, then they can cross the corresponding question number on their card.
- The fastest group that gets 5 boxes in a straight line (horizontal, vertical, diagonal), will be the winner.
- The winning card will be verified by the lecturers-in-charge.
- Each group will also be given a sheet of paper, which will be used to indicate the questions they have answered.

Prizes

1st prize – RM100 cash

2nd prize – RM 80 cash

3rd prize – RM 50 cash

4th prize – RM 30 cash

All participants will be given a certificate of participation.

Entry Fees

RM8 per team

Lecturer in-charge

Mr. Edward Paul

Ms. Maria

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maria.maitas@apu.edu.my

2) **Mathematics Competition**

Participants:

Open to all APIIT/APU undergraduates. Total target 50 participants. (For each category)

Descriptions:

Category A

Each participant is required to answer 20 multiple choice questions in the duration of 1 hour. The questions are related to all aspect of Mathematics.

Prizes:

1st prize – RM 100 cash

2nd prize – RM 80 cash

3rd prize – RM 50 cash

Category B

Each participant is required to answer as many questions (simple arithmetic) as possible involving addition, subtraction, multiplication and division in 10 minutes duration.

Prizes:

1st prize – RM 80 cash

2nd prize – RM 50 cash

3rd prize – RM 30 cash

Entry Fees:

RM 5 per person for each category and RM 8 per person for both categories (A and B).

Lecturer in-charge:

Ms. Sarah Binti Haji Musa

Ms. Norain Binti Alwi

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3) **MathXplorace**

Objectives:

- To test the understanding of students in mathematics and logic.
- To provide an opportunity for the students to build their team spirit.

Participants:

Open to all APU undergraduates. Total target 120 participants.

Descriptions:

- A minimum of 2 (two) persons and a maximum of 4 (four) persons are permitted in a team.
- Limited to 30 teams on a first-come-first-serve basis.
- There are a total of 8 stations/pit-stops.
- All teams must complete 8 pit-stops in 2 hours. On average 15 minutes per pit-stop.
- Every team will have different route.
- All questions/hints must be read together with all team members.
- Only 3 attempts are allowed for each question.
- Any team fails to solve the maths question from a pit-stop, a 30-minutes penalty will be given.

Prizes:

1st prize – RM 200 cash + medals

2nd prize – RM 150 cash + medals

3rd prize – RM 100 cash + medals

4th prize – RM 50 cash + medals

5th prize – RM 50 cash + medals

All participants will be given a certificate of participation.

Entry Fees:

RM 20 per team

Lecturer in-charge:

Mr. Saw Looi Beng

Email: lbsaw@apu.edu.my

4) **Mathematics Scrabble**

Participants:

Open to all APIIT/APU undergraduates. Total target 32 participants.

Descriptions:

- Each group of participants will be given a maths scrabble (1 maths scrabble for each group of 4 students and maximum of 8 groups).
- The winner will be determined by the top three highest scores.
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Prizes:

1st prize – RM 80 cash

2nd prize – RM 50 cash

3rd prize – RM 30 cash

All participants will be given a certificate of participation.

Entry Fees:

RM 5 per person

Lecturer in-charge:

Dr. Raja Rajeswari

Ms. Sireesha

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5) **Tic Tac Toe**

Objectives:

- To test the understanding of students in mathematics and logic.
- To provide an opportunity for the students to build their team spirit.

Participants:

Open to all APU undergraduates. Total target 100 participants.

Descriptions:

- A minimum of 2 (two) persons and a maximum of 4 (four) persons are permitted in a team.
- Limited to 25 teams on a first-come-first-serve basis.
- There are a total of two rounds: preliminary & final.
- In the preliminary round, a set of 10 questions will be assigned to each group (hardcopy). The students must complete all questions within 45 minutes.
- Only the best five teams (based on the score) will be qualified to enter the final round.
- Order of submission may be used for arbitration in ranking in the case of a tie in score.

- In the final rounds, there will be one question in each of the 7 x 7 boxes, at each turn the team will select one box to answer; the duration for answering each question is 15 seconds.
- The team that manages to answer correctly and occupy any 5 boxes in a straight line (either vertical, horizontal or diagonal) will be considered as the winner.
- Time allocation for the final round is 45 minutes, if the winners cannot be determined after the end of the game, the order of position will be determined by the number of boxes that occupied by each team, the team that have occupied more boxes will have a higher ranking. In the case of a tie in number of boxes that occupied, an extra question will be given; the team that provide the correct answer in the shortest time will be the winner.

Prizes:

1st prize – RM 150 cash

2nd prize – RM 100 cash

3rd prize – RM 70 cash

All participants will be given a certificate of participation.

Entry Fees:

RM 15 per team

Lecturer in-charge:

Mr. Saw Looi Beng

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6) **APU Challenge**

Objectives:

- To apply and test the understanding of the application of statistical analysis to real life problems.
- To demonstrate competence in the use of a statistics package to input and analyse result.

Descriptions:

- Minimum of 10 teams with 2 to 4 students each.
- The challenge will be held for duration of 3 hours whereby each team will be given access to the datasets and statistical software to analyse.
- The competition will be held at the computer lab. Participants are allowed to bring their own laptop.
- No sharing of methodology, statistical analyses or results between teams.
- There will be 4 to 5 lecturers assigned to monitor the teams.
- Each team will be given 15 minutes for presentation of the results.
- The winner will be decided based on the following criteria:

| | Assessment | Marks Allocated |
|---|-------------------------------------------------------|------------------------|
| 1 | Data Preparation and Manipulation | 10 |
| 2 | Methodology Overview (Detailed Steps of Process Flow) | 20 |
| 3 | Analyses and Findings | 30 |
| 4 | Summary of the Results and Conclusion | 20 |
| 5 | Presentation Slide | 20 |
| | Total: | 100 |

Prizes:

Prize for Champion – RM 150

Prize for 1st Runner-Up – RM 100

Prize for 2nd Runner-Up – RM 80

All participants will be given a certificate of participation.

Entry Fees:

RM 20 per team.

Lecture in charge:

Dr Raja Rajeswari a/p Ponnusamy
Dr Ho Ming Kang

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dr.ming.kang@apu.edu.my

7) **Entrepreneur Strategy Challenge**

Objectives

- To promote teamwork among students from different disciplines.
- To promote hands-on application of classroom knowledge such as preparation of Statement of Comprehensive Income, Cash Flow Statement and Statement of Financial Position

Participants

- Open to all APU undergraduates with knowledge in Accounting and Finance.
- Each team must comprise of 2 – 4 students.
- Limited to 5 teams on first come first served basis.

Descriptions:

- The competition will be held for duration of 4 days consecutively.
- Students should prepare their own equipment, materials and other necessities for their business activities.
- Students are not allowed to sublet their business to other party. However they may get their inventories or raw material from suppliers. Any negotiation between students and suppliers are at their own discretion.
- Each team will need to prepare their proposal for their products (capital invested, budget, cost of product).
- Proposals are required to be submitted a week before commencement of MAF week.
- There will be a lecturer assigned to access each team.
- Winner will be decided based on the net profit earned (Profit belongs to the students and losses are bared by the students).
- The winner will be decided based on the following criteria:

| | Assessment | Marks Allocated |
|---|-----------------------------------------------------------------------------|------------------------|
| 1 | Net profit earned (preparation of clear Income Statement and Balance Sheet) | 40 |
| 2 | Presentation in the booth (during lecturer surprise visit) | 20 |
| 3 | Team work spirit among the group | 20 |
| | Total: | 100 |

Prizes:

Champion – RM 200

All participants will be given a certificate of participation.

Entry Fees:

RM 50 per team.

Lecturer in-charge:

Mr. Suren
Mr. Kannan

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kannan.asokan@apu.edu.my

8) **FOREX Trading Challenge**

Objectives:

- To test the understanding of the practical application of foreign exchange market.
- To expose students to experience by participating in the competition and learn the techniques of trading in the foreign exchange market with the objective to make profit.

Descriptions:

- A maximum 20 teams of students with each team containing 2 students each from different classes or same class.
- The challenge will be held for duration of 3 hours whereby each team will be given access to the system with an individual ID and password.
- There will be 4 to 5 lecturers assigned to monitor the teams.
- There would be 1 winner followed by 2 runners up.
- The winner will be decided based on the following criteria:

| | Assessment | Marks Allocated |
|---|------------------------------------------|------------------------|
| 1 | The overall profit obtained from trading | 50 |
| 2 | Managing the exit and entry points | 20 |
| 3 | Team work spirit among the group | 10 |
| 4 | Managing your leverage | 20 |
| | Total: | 100 |

Prizes:

Prize for Champion – RM 200

Prize for 1st Runner-Up – RM 150

Prize for 2nd Runner-Up – RM 100

All participants will be given a certificate of participation.

Entry Fees:

RM 20 per team.

Lecturer in-charge:

Ms. Dhamayanthi

Ms. Kahyahthri

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9) **Apprentice Challenge (Recycle)**

Objectives:

- To test understanding on critical concerns and pressing questions of investors before they shell out their financial resources.
- To expose students to experience by participating in the competition and learn the techniques of coming up with business plan with the objective of attracting the attention of the investors.

Descriptions:

- Tentatively, minimum 10 groups of students with each group containing 2-4 students each from different classes or same class.
- The competition will be held for duration of 2.5 hours whereby each team will need to prepare a power point slide and present their proposals. (**Not** all the members of the team need to present)
- There will be 3 to 4 lecturers assigned to access the teams.
- There would be 1 grand winner followed by 1 runner up.

- The winner will be decided based on the following criteria:

| | Assessment | Marks Allocated |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 1 | Ability of the students to cover all the areas that raise investors concern: <ul style="list-style-type: none">• Opportunity• Special Advantage• Ability to qualify• Model/Strategy• Advertising/Connecting to customers | 40 |
| 2 | Explanation on the area of financial projections (synopsis) and realistic of projection | 30 |
| 3 | Risk factors, regulatory barriers, and brief competitor analysis | 20 |
| 4 | Team work spirit among the group | 10 |
| | Total: | 100 |

Prizes:

First Prize – RM 100

Second Prize – RM 50

All participants will be given a certificate of participation.

Entry fees:

RM 20 per team

Lecturer in-charge:

Ms. Kavitha

Mr. Suresh Balasingam

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10) **Accounting & Finance Quiz**

Objectives

- To assess students' accumulation and retention of knowledge
- To promote teamwork among students from different disciplines.

Participants

- Open to all APU undergraduates with knowledge in Accounting and Finance.
- Each team must comprise minimum 3 students and maximum 4 students.
- Limited to 20 teams on first come first served basis.

Activity Descriptions

- There are a total of two rounds: Preliminary and Final.
- In the preliminary round, a set of 40 questions will be assigned to each group (hardcopy). The students must complete all questions within 30 minutes.
- Only the best six teams (based on the score) will be qualified to enter the final round.
- Order of submission may be used for arbitration in ranking in the case of a tie in score.
- In the final rounds, 20 questions will be asked and the team which is able to provide accurate answer in the fastest manner will score the points. The team with the highest score will be considered as the winner.
- All questions are given 30 seconds to answer.
- In case that winner cannot be determined after 20 questions, additional questions will be given.

Prizes

Champion – RM 130

1st runner up – RM 80

2nd runner up – RM 50

2 consolation prizes – RM 30 each

All participants will be given a certificate of participation.

Entry Fees

RM 15 per team.

Lecturer in-charge

Ms. Ng Hui Chen

Ms. Lai Siew Fong

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11) **Career Talk**

Purpose/Objectives:

- To provide career opportunities to become a professional accountant and actuarial.
- To enhance students understanding on the prospects of taking up professional programs.
- To enhance the understanding of industry practise.

Entry Fees:

Free of charge.

Lecturer in-charge:

Mr. Suresh

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