

Special Research Project Competition Enforcement Rule

Department of Tropical Agriculture and International Cooperation, NPUST

- Article 1.** According to “國立屏東科技大學學生專題製作競賽獎勵辦法,” this department, Department of Tropical Agriculture and International Cooperation established this enforcement rule to encourage students in this department to participate enthusiastically in the special research project and regard the special research project competition for honor, as well as cultivate the integrating thinking process and upgrade the research capability and potential.
- Article 2.** Eligibility: For those graduating students enrolled in the undergraduate programs who have been rewarded with the satisfactory grades for the course “Special Research Project.”
- Article 3.** Special research project competition will be held once a year. All the graduating students in undergraduate programs should participate in this competition. The outstanding works will be forwarded to participate in the competition held by the International College or other off-campus contests.
- Article 4.** The graduating students need to submit their works before the deadline which will be announced by this department. The instructor of the Seminar course for the first semester of the fourth year, will be assumed the position of advisor for the competition. In addition, review committee will be formed by faculty members of this department to carry out evaluation job.
- Article 5.** Award: The winning works of the competition will be awarded and recognized in a public setting.
- Article 6.** The first three outstanding works will be further referred to participate in other off-campus contests or demonstrate to the public. (Appendix 6)
- Article 7.** This enforcement rule once approved at the departmental administrative meeting will be effective. The same procedures will be applied if modification is made to this enforcement rule.

Attachment:

- Appendix 1 Guideline and Format Requirement for the Paper of Special Research Project Competition
- Appendix 2 Format Requirement of Page Settings for the Paper of Special Research Project Competition
- Appendix 3 Format Requirement of the Poster for Special Research Project Competition
- Appendix 4 The Evaluation Sheet for Special Research Project Competition
- Appendix 5 Reference Format Sample
- Appendix 6 Application Form for the Special Research Project Competition

Appendix 1
**Guideline and Format Requirement for the Paper of Special
Research Project Competition**

National Pingtung University of Science and Technology
Department of Tropical Agriculture and International Cooperation
Report on Special Project

Research Title

Advisor(s): _____

Student: _____

Department: _____

Research Area: (plant/animal/agribusiness/others)

Signature of Advisor(s): (Signature only, do not type)

* Please be noted without approval from advisor, submission will be declined.

Date (MM/DD/YYYY)

Research Title, 14 point, bold, Times New Roman

Author(s) name(s), 11 point, centered
affiliated institution, 11 point, centered

Abstract

This is an example for participants to have knowledge of the format requirement and how to prepare for the competition.

Format

Contents including: “Introduction,” “Research Objectives,” “Literature Review,” “Materials and Methods,” “Methodology,” “Results and Discussion (includes conclusions and suggestions),”...etc. Margins for top, bottom, right and left are 2.5cm. Other than the title and the author information, the context should be written in two columns. Use full alignment to justify both right and left margins aligned. Use A4-size paper. All text should be written in Times New Roman for English, and 標楷體(DFKai-SB) for Chinese.

The length of the paper (including figures, tables, and references) should be **at least 10 pages and no exceed than 25 pages**. Place the page number at the center bottom of the page. The paper should be edited by MS-Word and saved as both .doc and .pdf file.

Title and Author Information

The research title should be concise, in 14 point, bold, and centered; Author information should include authors' name(s), affiliated institution, and the research area category; 11 point, centered, single spaced, no columns.

Context

The context should be in 12 point, single space, and two columns. All the alphabets and numbers should use Times New Roman.

Titles of Chapter and Section

Subtitle should be in 12 point, bold.

Figures, Tables and Formula

Figures and tables can be placed within the context or at the end of paper. Title of figure and tables should be in 12 points.

Figure

The title of figure should be placed below the figure, align to the left. See the following figure for reference.

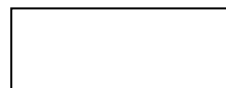


Figure 1. XXX

Tables

The title of table should be placed above the table, align to the left.

Formula

Leave one line spacing above and below the formula. Number the formula, and put the caption on the right. The caption number shall start with 1.

$$F(X) = H(X) + \frac{G(X)}{2} \quad (1)$$

Reference format

All the reference should include whole name(s) of author(s), title of the reference, publish date, journal/book title and page number. All the reference should cited in the content.

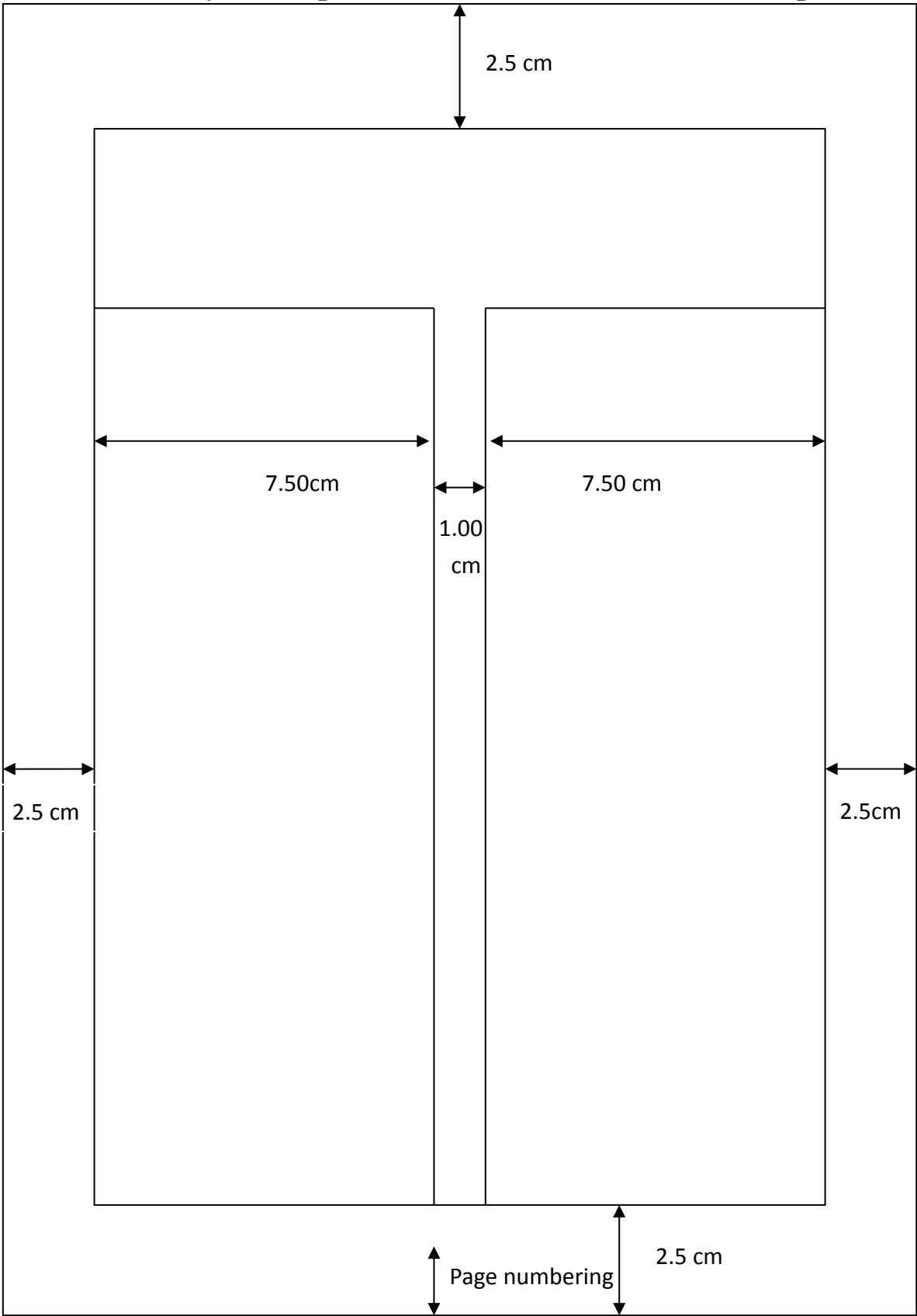
Acknowledgments

Optional, depends on applicability.

References

English reference will be listed before Mandarin Chinese reference. The format and layout, please refer to appendix. Reference should be placed by alphabetic order. (For more information, please see appendix 5)

Appendix 2
**Format Requirement of Page Settings for the Report of Special
Research Project Competition (see Poster Presentations- Template)**



Appendix 3 Format Requirement of the Poster for Special Research Project Competition

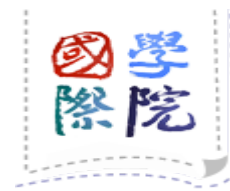


Research Title (Bold, Centered)

Author(s) name(s) (centered)

Affiliated institution (centered)

*: Corresponding author. e-mail address (centered)



Abstract (Subtitle, Bold, Centered)

For the consistency of poster format, a template poster will be demonstrated here and the participants are strongly recommended to adopt it.

For formula, place the formula to the center, and the corresponding caption to the right, see the following example.

Key Word: List 3-5 key words

$$A + B = C \quad (1)$$

Introduction

Participants should submit an A0-sized poster in electronic file saves as .ppt file and e-mail to itaic@gmail.com, in addition, please print out the poster in A-0 size. (A0 = 91cm x 122 cm)

Please select 2-3 related literature as “References.” English reference will be listed before Mandarin Chinese reference. The format of reference for both poster and report are the same.

Self-selected backgrounds are allowed for the poster. The font of the context and title should use Times New Roman for English, and 標楷體 (DFKai-SB) for Chinese with proportional font size. Margins for top, bottom, right and left are 8c.m. Other than the title and the author information, the context should be in two columns.

Conclusions

This requirement layouts is the format for the poster to be submitted in file, and furthermore for the print-out version as well.

Material and Method

The title of a chapter and section should be centered whereas the sub-section should start from the left.

Acknowledgement

Optional, depends on the applicability.

Results and Discussion

Titles of figures and tables should be in Times New Roman for English, 標楷體 (DFKai-SB) for Chinese with proportional font size, flush left and bold. See Figure 1 for references.

Reference

Badaoui, E. E. and T. Rebière. 2013. Education, Informality, and Efficiency: A Matching Model for a Developing Economy. 2nd ed. Paris, France: Revue d'économie politique.

Crosson, P. 1995. “Natural Resource and Environmental Consequences of Rice Production,” in the *Proceedings of the International Rice Research Conference*, February 13-17, Laguna, Philippines, pp. 83-100.

FAO, 2004. “Rice is Life,” in *International Year of Rice 2004*. Retrieved March 17, 2014, from the World Wide Web: <http://www.fao.org/rice2004/en/world.htm>.

Huang, E., D. R. Rowling, T. Whelan, and J. L. Spiesberger. 2003. “High-sensitivity Photoacoustic Leak Testing,” *Journal of the Acoustical Society of America*, 114(4): 1926-1933.

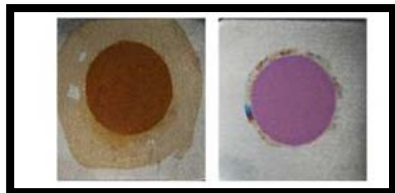


Figure 1. XXX



Figure 2. XXX

Appendix 4

The Evaluation Process

The evaluation is grading by group (plant/ animal/ agribusiness/ food science). The first stage of the evaluation will select top 6-8, each group has two. At the second stage, participant should give an oral present. In the second stage, the Department will select out top three.

First Stage Grading Schemes (Total grades 100)
1. Research Motive (10~20 points)
2. Research Methods and logicity (10~20 points)
3. Innovation and practicability (10~20 points)
4. Expected benefits (10~20 points)
5. Others (10~20 points) (maximum subtotal is 20 points)
<input type="checkbox"/> Advancement for the industry (0~5 points)
<input type="checkbox"/> generation of benefits (value) for the industry? (0~5 points)
<input type="checkbox"/> completeness of submitted materials? (0~5 points)

Second Stage Grading Schemes (Total grades 100)
1. Organization & Presentation (using Power Point or Prezi) (30%)
2. One Page Abstract (Contents & Format) (25%)
3. Time control (10-min presentation & 5-min questions) (15%)
4. Question Answering (15%)
5. Appearance & Manner (15%)

Appendix 5 Reference Format Sample

- Bernier, J., G. Atlin, A. Kumar, R. Serraj, and D. Spaner. 2009. "Breeding Upland Rice for Drought Resistance," *Journal of Science Food Agriculture*, 88(6): 927-939.
- Crosson, P. 1995. "Natural Resource and Environmental Consequences of Rice Production," in *Proceedings of the International Rice Research Conference*, February 13-17, Laguna, Philippines, pp. 83-100.
- FAO, 2004. "Rice is Life," in *International Year of Rice 2004*. Retrieved March 17, 2014, from the World Wide Web: <http://www.fao.org/rice2004/en/world.htm>.
- Guerra, L. C., S. I. Bhuiyan, T. P. Tuong, and R. Barker. 1998. "Producing More Rice with Less Water from Irrigated Systems," in *SWIM Paper 5*, IWMI/IRRI, Colombo, Sri Lanka, p. 24.
- Badaoui, E. E. and T. Rebière. 2013. *Education, Informality, and Efficiency: A Matching Model for a Developing Economy*. 2nd ed. Paris, France: Revue d'économie politique.
- Munroe, K. E. 2005. *Development Strategies for International Cooperation in Community Fisheries Industry in The Gambia*. PhD Dissertation, Department of Tropical Agriculture and International Cooperation, National Pingtung University of Science and Technology, Pingtung, Taiwan.

Appendix 6
Application Form for the Special Research Project
Competition

Research Title	(Mandarin)	
	(English)	
Department		
Participant	Name	Student ID #
	1.	
	2.	
	3.	
Contact information		
Advisor: _____	Phone :	Mobile :
	Fax :	E-mail :
	Address :	
Participant Representative : _____	Phone :	Mobile :
	Fax :	E-mail :
I (Advisor) already comprehend the special research project enforcement rule and am willing to follow it. Signature of advisor:		
The Signature of Department chairman		
Date: / / (MM/DD/YYYY)		

※Please be noted, this form is for participant who won the competition that was further referred to participate in other off-campus contests.