# 清華大學 清華學院國防菁英組 大四下軍事素養教育必修課
## 11120 THC-4303(新開必修)軍事專案管理(2 學分)
## Military Project Management(2-Credit Course)課程大綱

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| **課程資訊 (Course Information)** | | | | | |
| 科號<br>**Course Number** | **11120<br>THC-4303** | 學分<br>**Credit** | **2** | 人數限制<br>**Class Size** | **10** |
| 中文名稱<br>**Course Title** | 軍事專案管理 | | | | |
| 英文名稱<br>**Course English Title** | **Military Project Management** | | | | |
| 任課教師<br>**Instructor** | 蒲澤春 **(Bruce PU) 全英語教學** | | | | |
| 上課時間<br>**Time** | **S3S4** | 上課教室<br>**Room** | 教育館 **109** 室 | | |

### 課程說明 (Course Description)

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本課程依國防部致清華大學「國人培育字第 **1090193121** 號」函：《國防部委託國立大學辦理國防學士班選訓合約書》附件「國內國立大學校院國防學士班教育中心運作實施規定」為大四下軍事素養教育必修課

Core capability to be cultivated by this course:

■ Enhancing ability to communicate and express oneself in military community using knowledge of modern defense technology (70%)

■ Logical reasoning & critical thinking (10%)

■ Scientific thinking & reflection (10%)

■ Art & humanity (5%)

■ Diverse views & social practices (5%)

Course keywords: Foreign Military Sale (FMS), Weapon Transfer, Project Management

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| 課程簡述 | Requested by the Ministry of Defense, all university Reserve Officers Training Corps (ROTC) cadets in senior level have to take this course compulsorily in order to strengthen cadets knowledge of Military Project Management |
| 課程目標 | This course aims to prepare cadets advanced knowledge of Military Project Management, using US Navy *Kidd* class warship transfer from USN to Taiwanese Navy as a case study to provide cadets a clear picture of Foreign Military Sale (FMS) project. The *Kidd* class warship was a very powerful multi-purpose guided |

| | missile destroyer in the USN in 1981-1999. The four warships of this class, originally designed for sale to the Iranian Navy, are unique among the USN warships because it combines the combat system capability of the former *Spruance* class destroyer. The four *Kidd* class warships are similar to the *Spruance* class destroyers but have greater displacement and an improved combat system. *Kidd* class combat system has the combination of weapons, electronic subsystems, and naval advanced equipment, which collectively enables her to carry out combat missions of anti-air, anti-submarine, anti-surface, electronic, and communication warfare simultaneously.<br>The course expectation is to introduce project management details for the Taiwanese Navy through FMS project and purchase process for the *Kidd* class guided missile destroyer |
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**A Instructor**(授課教師)：**Dr. PU, Bruce TSE-CHUN** (蒲澤春教授), **NTHU Emeritus Professor** (清華大學清華學院 孫立人榮譽講座)

**B Credit**(課程學分數)：**2** <span style="color:red">**Lecture given in English**</span>

**C Lecture Hours**(上課時間)：**S3S4**

**D Lecture Room**(上課地點)：**Educational Hall, Room#109**(教育館 109 室)

**E Students**(授課對象)：**10, preference is given to compulsory senior-year Defense Bachelor Program cadets, remaining quota for elective university students with ROC citizenship.**

**F Text Books**(指定用書)

James P. Lewis, Mastering Project Management, McGraw-Hill Publishing, Columbus, OH USA, June 2017 3rd ed., ISBN:978 986 7335 09 8 (專案管理聖經，作者：詹姆斯‧路易斯博士，臉譜出版社譯，352 頁)

**G References**(參考用書)

台灣專案管理學會編輯委員會編著，《國際專案管理知識體系 4.0》299 頁，台灣專案管理學會，2020 年 10 月，ISBN:978 986 8748 26 2

**H Teaching Method**(教學方式)

Lecture, Group Discussion, Assigned Project

**I Weekly Syllabus**(每週教學進度)

| Week of | Weekly Syllabus(課程進度) |
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| 1 | Course Objective and Introduction of Management Knowledge (課程及管理知識介紹) |
| 2 | Critical Thinking and Problem-solving (軍購獨立思考及解決問題) |
| 3 | Global Perspective (軍購國際觀的重要性) |
| 4 | Communication Skill (軍購溝通能力) |
| 5 | Military Project Classification (國軍專案分類) |
| 6 | Necessity of FMS (軍購的必要性) |
| 7 | FMS Case Flow Path 1 (軍購建案流程(一)) |

| 8 | FMS Case Flow Path 2 (軍購建案流程(二)) |
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| 9 | Planning of FMS 1 (軍購建案規劃(一)) |
| 10 | Planning of FMS2 (軍購建案規劃(二)) |
| 11 | Project Risk Management 1 (專案風險管控(一)) |
| 12 | Project Risk Management 2 (專案風險管控(二)) |
| 13 | Execution Project Management 1 (專案執行管制(一)) |
| 14 | Execution Project Management 2(專案執行管制(二)) |
| 15 | The Relationship of Project Execution and Leadership 1 (專案執行與領導統御之關係(一)) |
| 16 | The Relationship of Project Execution and Leadership 2 (專案執行與領導統御之關係(二)) |
| 17 | Project Closing and Beginning the Project Follow-on Support (專案結束與整體後勤) |
| 18 | Final Exam and Presentation (期末考專題發表) |

J  Grade Evaluation(成績考核)

Class Participation (出席率) 10%+ Quiz (隨堂測試) 40%+ Final Exam and Presentation (專題發表) 50% = 100%

K Remarks: Lecture will follow the order from the CDC to cope with the pandemic.