

## Tamkang University Academic Year 111, 1st Semester Course Syllabus

|  |   |            |  |
|--|---|------------|--|
| Course Title   | FIXED INCOME SECURITIES   | Instructor | WU, TSUNG-HSUN   |
| Course Class   | TLWXB3A<br>BACHELOR'S PROGRAM IN GLOBAL FINANCIAL MANAGEMENT (ENGLISH-TAUGHT PROGRAM), 3A | Details    | <ul style="list-style-type: none"> <li>◆ General Course</li> <li>◆ Required</li> <li>◆ One Semester</li> </ul> |
| Relevance to SDGs  | SDG8 Decent work and economic growth  |            |  |
| <b>Departmental Aim of Education</b>   |   |            |  |
| <ul style="list-style-type: none"> <li>I. Learning and instanding international financial theory.</li> <li>II. Learn to plan the future.</li> <li>III. Enhance the ability of practical analysis.</li> <li>IV. Increase the team research ability.</li> <li>V. Master the international financial pulsation.</li> <li>VI. Cultivate morality and global civilization.</li> </ul>   |   |            |  |
| <b>Subject Departmental core competences</b>   |   |            |  |
| <ul style="list-style-type: none"> <li>A. The student to have a basic knowledge of international financial management theory and practice.(ratio:30.00)</li> <li>B. To have a good grounding of relevant financial laws.(ratio:15.00)</li> <li>C. To understand the basic moral principles within the international financial industry. (ratio:5.00)</li> <li>D. To have a global perspective of the subject and a basic command of foreign language abilities.(ratio:10.00)</li> <li>E. To obtain international professional qualifications that will aid their future career. (ratio:30.00)</li> <li>F. To obtain a basic ability to examine domestic and global financial situations.(ratio:10.00)</li> </ul> |   |            |  |
| <b>Subject Schoolwide essential virtues</b>  |   |            |  |
| <ul style="list-style-type: none"> <li>1. A global perspective. (ratio:10.00)</li> <li>2. Information literacy. (ratio:10.00)</li> <li>3. A vision for the future. (ratio:5.00)</li> </ul>   |   |            |  |

4. Moral integrity. (ratio:10.00)
5. Independent thinking. (ratio:30.00)
6. A cheerful attitude and healthy lifestyle. (ratio:5.00)
7. A spirit of teamwork and dedication. (ratio:20.00)
8. A sense of aesthetic appreciation. (ratio:10.00)

**Course Introduction**

This course is designed to discuss the analytical framework and teach students to understand the pricing of bonds and the risk management.

**The correspondences between the course's instructional objectives and the cognitive, affective, and psychomotor objectives.**

Differentiate the various objective methods among the cognitive, affective and psychomotor domains of the course's instructional objectives.

- I. Cognitive : Emphasis upon the study of various kinds of knowledge in the cognition of the course's veracity, conception, procedures, outcomes, etc.
- II.Affective : Emphasis upon the study of various kinds of knowledge in the course's appeal, morals, attitude, conviction, values, etc.
- III.Psychomotor: Emphasis upon the study of the course's physical activity and technical manipulation.

| No. | Teaching Objectives  | objective methods |
|-----|--|-------------------|
| 1   | To know the theoretical development of fixed income securities, analytical techniques for valuing bonds, and quantifying their exposure to changes in interest rates and portfolio strategies. | Cognitive         |

**The correspondences of teaching objectives : core competences, essential virtues, teaching methods, and assessment**

| No. | Core Competences | Essential Virtues | Teaching Methods | Assessment   |
|-----|------------------|-------------------|------------------|--|
| 1   | ABCDEF           | 12345678          | Lecture          | Testing, Study Assignments, Discussion(including classroom and online), Report(including oral and written) |
|     |                  |                   |                  |  |

| Course Schedule                  |                          |   |      |
|----------------------------------|--------------------------|---|------|
| Week                             | Date                     | Course Contents   | Note |
| 1                                | 111/09/05 ~<br>111/09/11 | Introduction and grading Description  |      |
| 2                                | 111/09/12 ~<br>111/09/18 | Pricing of Bonds (I)  |      |
| 3                                | 111/09/19 ~<br>111/09/25 | Pricing of Bonds (II)   |      |
| 4                                | 111/09/26 ~<br>111/10/02 | Measuring Yield   |      |
| 5                                | 111/10/03 ~<br>111/10/09 | Bond price volatility   |      |
| 6                                | 111/10/10 ~<br>111/10/16 | Factors affecting bond yields and the term structure of interest rate(i)                      |      |
| 7                                | 111/10/17 ~<br>111/10/23 | Factors affecting bond yields and the term structure of interest rate(ii)                     |      |
| 8                                | 111/10/24 ~<br>111/10/30 | Corporate debt instruments  |      |
| 9                                | 111/10/31 ~<br>111/11/06 | Market Status Overview  |      |
| 10                               | 111/11/07 ~<br>111/11/13 | Midterm Exam Week   |      |
| 11                               | 111/11/14 ~<br>111/11/20 | Asset-Backed Securities   |      |
| 12                               | 111/11/21 ~<br>111/11/27 | Interest-rate models (I)  |      |
| 13                               | 111/11/28 ~<br>111/12/04 | Interest-rate models (II)   |      |
| 14                               | 111/12/05 ~<br>111/12/11 | Analysis of convertible bonds (I)   |      |
| 15                               | 111/12/12 ~<br>111/12/18 | Analysis of convertible bonds (II)  |      |
| 16                               | 111/12/19 ~<br>111/12/25 | Credit risk modeling (I)  |      |
| 17                               | 111/12/26 ~<br>112/01/01 | Credit risk modeling (II)   |      |
| 18                               | 112/01/02 ~<br>112/01/08 | Final Exam Week   |      |
| Requirement                      |                          |   |      |
| Teaching Facility                |                          | (None)  |      |
| Textbooks and Teaching Materials |                          | Fabozzi, Frank J. Bond Market, Analysis, and Strategies(8th edition), ISBN-13: 978-0273766131 |      |
|                                  |                          |   |      |

|                         |  |
|-------------------------|--|
| References              |  |
| Number of Assignment(s) | (Filled in by assignment instructor only)  |
| Grading Policy          | <p>◆ Attendance : 20.0 %   ◆ Mark of Usual : 20.0 %   ◆ Midterm Exam : 30.0 %</p> <p>◆ Final Exam : 30.0 %</p> <p>◆ Other &lt; &gt; :       %</p>  |
| Note                    | <p>This syllabus may be uploaded at the website of Course Syllabus Management System at <a href="http://info.ais.tku.edu.tw/csp">http://info.ais.tku.edu.tw/csp</a> or through the link of Course Syllabus Upload posted on the home page of TKU Office of Academic Affairs at <a href="http://www.acad.tku.edu.tw/CS/main.php">http://www.acad.tku.edu.tw/CS/main.php</a>.</p> <p><b>※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</b></p> |