MODULE HANDBOOK

<table>
<tr><td colspan="2">Module name</td><td colspan="4">Introduction to Financial Statistics</td></tr>
<tr><td colspan="2">Module level, if applicable</td><td colspan="4">2nd year</td></tr>
<tr><td colspan="2">Code, if applicable</td><td colspan="4">SST-412</td></tr>
<tr><td colspan="2">Semester(s) in which the module is taught</td><td colspan="4">4th (fourth)</td></tr>
<tr><td colspan="2">Person responsible for the module</td><td colspan="4">Dina Tri Utari, S.Si., M.Sc.</td></tr>
<tr><td colspan="2">Lecturer</td><td colspan="4">Arum Handini Primandari, S.Pd.Si., M.Sc.
Dina Tri Utari, S.Si., M.Sc.
Mujiati Dwi Kartikasari, M.Sc.</td></tr>
<tr><td colspan="2">Language</td><td colspan="4">Bahasa Indonesia</td></tr>
<tr><td colspan="2">Relation to curriculum</td><td colspan="4">Elective course in the second year (4th semester) Bachelor Degree</td></tr>
<tr><td>Types of teaching and learning</td><td>Class size</td><td>Attendance time (hours per week per semester)</td><td>Form of active participation</td><td colspan="2">Workload
(hours per semester)</td></tr>
<tr><td rowspan="4">Lecture</td><td rowspan="4">40-50</td><td rowspan="4">2.5</td><td rowspan="4">Problem solving</td><td>Face to face teaching</td><td>35</td></tr>
<tr><td>Structured activities</td><td>48</td></tr>
<tr><td>Independent study</td><td>48</td></tr>
<tr><td>Exam</td><td>5</td></tr>
<tr><td colspan="2">Total Workload</td><td colspan="4">136 hours</td></tr>
<tr><td colspan="2">Credit points</td><td colspan="4">3 CUs / 5.1 ECTS</td></tr>
<tr><td colspan="2">Requirements according to the examination regulations</td><td colspan="4">Minimum attendance at lectures is 75%. Final score is evaluated based on quiz, assignment, mid-term exam, and final exam.</td></tr>
<tr><td colspan="2">Recommended prerequisites</td><td colspan="4">Students have taken Introduction to Probability (SST-205).</td></tr>
<tr><td colspan="2">Related course</td><td colspan="4">Econometric for Business (SST-510)</td></tr>
<tr><td colspan="2">Module objectives/intended learning outcomes</td><td colspan="4">After completing this course, the students have ability to:
CO 1. formulate the price of securities
CO 2. solve the problems related to interest
CO 3. solve the problems related to annuity
CO 4. explain the basic concept of securities
CO 5. estimate the volatility of securities</td></tr>
<tr><td colspan="2">Content</td><td colspan="4">Interest: simple interest, compound interest, continued compound interest.
Annuity: annuity due, annuity immediate, amortization.
Volatility of stock.
Securities: introduction to securities (stock, swap, bond), estimating stock price, formulating bond price.
Digital cryptocurrencies.</td></tr>
<tr><td colspan="2">Study and examination requirements and forms of examination</td><td colspan="4">The final mark will be weighted as follows:
<table><tr><th>No</th><th>Assessment components</th><th>Assessment types</th><th>Weight (percentage)</th></tr><tr><td>1</td><td>CO 1</td><td>Assignment</td><td>20%</td></tr><tr><td>2</td><td>CO 2</td><td>Midterm Exam</td><td>20%</td></tr><tr><td>3</td><td>CO 3</td><td>Assignment</td><td>20%</td></tr><tr><td>4</td><td>CO 4</td><td>Final Exam</td><td>20%</td></tr><tr><td>5</td><td>CO 5</td><td>Assignment</td><td>20%</td></tr></table></td></tr>
<tr><td colspan="2">Media employed</td><td colspan="4">Google Classroom, relevant websites, slides (power points), video, interactive media, white-board, laptop, LCD projector</td></tr>
<tr><td colspan="2">Reading list</td><td colspan="4">1. Hull, C. John, 2006, Option, Futures, and Other Derivatives 6th edition, Pearson Education Inc, New Jersey, USA.
2. Kellison, Stephen G., 2009, Theory of Interest 3rd, McGraw-Hill, Singapore.</td></tr>
</table>

	3. Drake, P.P., and Fabozzi, F.J., 2010, The Basic of Finance: An Introduction to Financial Markets, Business Finance, and Portfolio Management, Wiley, US. 4. Primandari, Arum Handini, 2019, Pengantar Matematika Keuangan dengan R, Universitas Islam Indonesia.

Mapping CO, PLO, and ASIIN's SSC

ASIIN		**PLO**											
		E	**N**	**T**	**H**	**U**	**S**	**I**	**A**	**S**	**T**	**I**	**C**
Knowledge	**a**						CO1						
	b												
	c												
	d												
Ability	**e**												
	f						CO2 CO3						
Competency	**g**												
	h						CO4						
	i												
	j						CO5						
	k												
	l												