

1.Course Identity

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|-----------------------------|-----------------------------------|----------------------|---------------|
| Course | System and Information Technology | | |
| Faculty | Business and Economics | Study Program | Accounting |
| Code | 31203621 | Credit Points | 2 |
| Group | Compulsory Subjects | Intake | Compulsory |
| Semester | 3 | Availability | Odd Semesters |
| Method | In Class | Media | Mixed |
| Course Group | Information System | Prerequisite | |
| Lecturer/Coordinator | | | |

2. Learning Outcomes (LO)

| Code of LO | Formulation of Graduates' Learning Outcome (LO) | Code of CLO | Formulation of Course Learning Outcome (CLO) | Indicator | Assessment | Weight |
|------------|--|-------------|--|--|--|---|
| 1.9 | Mastering techniques, principles, and procedural knowledge about the use of information technology | 1.9.1 | Students are able to explain the concepts of systems, data, information and knowledge | Students are able to distinguish systems, data, information, and knowledge | <ol style="list-style-type: none"> The activeness of students in class discussions. Assignment of making papers mid/ final exam | Test Based: UTS (25%), UAS (25%) Performance Based: Presentasi dan diskusi (50%) |
| | | 1.9.16 | Able to explain the differences between Business Process Improvement, Business Process Reengineering and Business Process Management | Students are able to understand the differences between Business Process Improvement, Business Process Reengineering and Business Process Management | <ol style="list-style-type: none"> The activeness of students in class discussions. Assignment of making papers mid/ final exam | |
| | | 1.9.18 | Able to explain the relationship of competitive advantage with information systems strategy | Students are able to master the concept of competitive advantage | <ol style="list-style-type: none"> The activeness of students in class discussions. Assignment of making papers mid/ final exam | |
| | | 1.9.19 | Able to explain ethical and privacy issues in information technology | Students are able to understand ethics and privacy in information technology | <ol style="list-style-type: none"> The activeness of students in class discussions. Assignment of making papers mid/ final exam | |

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|--|--------|--|--|---|
| | 1.9.23 | Able to explain about e-Commerce, e-Business and e-Services | Students are able to master the concepts of e-Commerce, e-Business and e-Services | <ol style="list-style-type: none"> 1. The activeness of students in class discussions. 2. Assignment of making papers 3. mid/ final exam |
| | 1.9.21 | Able to explain computer networks, communication, Internet and Cloud Computing | Students are able to understand about computer networks, communication, the Internet and Cloud Computing | <ol style="list-style-type: none"> 1. The activeness of students in class discussions. 2. Assignment of making papers 3. mid/ final exam |
| | 1.9.24 | Able to explain about Social Computing and Enterprise Social Networks | Students are able to understand Social Computing and Enterprise Social Networks | <ol style="list-style-type: none"> 1. The activeness of students in class discussions. 2. Assignment of making papers 3. mid/ final exam |
| | 1.9.25 | Able to explain the implementation of integrated SI in ERP-based organizations | Mahasiswa mampu menguasai konsep teknologi terintegrasi | <ol style="list-style-type: none"> 1. The activeness of students in class discussions. 2. Assignment of making papers 3. mid/ final exam |
| | 1.9.26 | Able to explain about SCM and CRM | Students are able to understand the concepts of SCM and CRM | <ol style="list-style-type: none"> 1. The activeness of students in class discussions. 2. Assignment of making papers 3. mid/ final exam |

3. Map of Learning Achievement Analysis

The following is a map of the chapters taught in this course.





4. Learning Experience and Reference

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|---------------------|---|
| Learning Experience | Students will be given various activities during the learning process such as case assignments, project assignments, presentations and discussions, as well as examinations. |
| References | Rainer, K., Prince, B., & Cegielski, C. (2015). <i>Introduction to information systems: supporting and transforming business</i> . New Jersey: John Wiley & Sons, Inc. (RPC) |

5. Details of Learning Activities

| Meeting | CLO/ Sub-CLO | Course Outline | Method/Learning Model | Implementat ion | Reference |
|---------|-----------------|---|---|--------------------------|-----------|
| 1 | | Syllabus Explanation and Learning Contract | <p>TM: The lecturer gave an explanation of the rules during the lecture as well as teaching materials and references for one semester.</p> <p>PT: lecturers form groups and give assignments to be presented at the next meeting.</p> | Classroom 100 minutes | |
| 2 | 1.9.1 | Basic Concepts of Information Technology Systems (STI) | <p>TM: The lecturer explained the lecture material according to the topic.</p> <p>PT: The group presents the assignment and accepts the assignment for the next meeting.</p> | Classroom 100 minutes | RPC Ch 1 |
| 3 | 1.9.16 | Business process improvement, reengineering, and management | <p>TM: The lecturer gave an explanation of the rules during the lecture as well as teaching materials and references for one semester.</p> | Classroom 100 minutes | RPC Ch 2 |

| | | | | | |
|---|--------|--|---|--------------------------|------------|
| | | | PT: lecturers form groups and give assignments to be presented at the next meeting. | | |
| 4 | 1.9.18 | Competitive advantage and strategic information systems | <p>TM: The lecturer gave an explanation of the rules during the lecture as well as teaching materials and references for one semester.</p> <p>PT: lecturers form groups and give assignments to be presented at the next meeting.</p> | Classroom 100 minutes | RPC Ch 2 |
| 5 | 1.9.21 | Telecommunication and networking | <p>TM: The lecturer gave an explanation of the rules during the lecture as well as teaching materials and references for one semester.</p> <p>PT: lecturers form groups and give assignments to be presented at the next meeting.</p> | Classroom 100 minutes | RPC Ch 6 |
| 6 | 1.9.19 | Information security | <p>TM: The lecturer gave an explanation of the rules during the lecture as well as teaching materials and references for one semester.</p> <p>PT: lecturers form groups and give assignments to be presented at the next meeting.</p> | Classroom 100 minutes | RPC Ch 3,4 |
| 7 | 1.9.25 | Integrated systems for business and implementation of ERP system | <p>TM: The lecturer gave an explanation of the rules during the lecture as well as teaching materials and references for one semester.</p> <p>PT: lecturers form groups and give assignments to be presented at the next meeting.</p> | Classroom 100 minutes | RPC Ch 10 |
| 8 | 1.9.26 | Customer Relationship Management (CRM) | <p>TM: The lecturer gave an explanation of the rules during the lecture as well as teaching materials and references for one semester.</p> <p>PT: lecturers form groups and give assignments to be presented at the next meeting.</p> | Classroom 100 minutes | RPC Ch 11 |
| 9 | 1.9.26 | Supply Chain Management (SCM) | <p>TM: The lecturer gave an explanation of the rules during the lecture as well as teaching materials and references for one semester.</p> <p>PT: lecturers form groups and give assignments to be presented at the next meeting.</p> | Classroom 100 minutes | RPC Ch 11 |

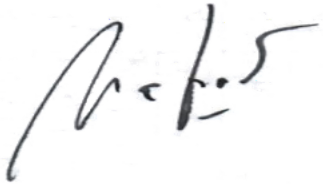
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|-----------|--------|--------------------------------------|---|--------------------------|-----------|
| 10 | 1.9.23 | E-Business and E-Commerce | <p>TM: The lecturer gave an explanation of the rules during the lecture as well as teaching materials and references for one semester.</p> <p>PT: lecturers form groups and give assignments to be presented at the next meeting.</p> | Classroom 100 minutes | RPC Ch 7 |
| 11 | 1.9.21 | Mobile Computing | <p>TM: The lecturer gave an explanation of the rules during the lecture as well as teaching materials and references for one semester.</p> <p>PT: lecturers form groups and give assignments to be presented at the next meeting.</p> | Classroom 100 minutes | RPC Ch 8 |
| 12 | 1.9.24 | Social Computing | <p>TM: The lecturer gave an explanation of the rules during the lecture as well as teaching materials and references for one semester.</p> <p>PT: lecturers form groups and give assignments to be presented at the next meeting.</p> | Classroom 100 minutes | RPC Ch 9 |
| 13 | 1.9.18 | Knowledge Management, | <p>TM: The lecturer gave an explanation of the rules during the lecture as well as teaching materials and references for one semester.</p> <p>PT: lecturers form groups and give assignments to be presented at the next meeting.</p> | Classroom 100 minutes | RPC Ch 5 |
| 14 | 1.9.18 | Business Intelligence, and Analytics | <p>TM: The lecturer gave an explanation of the rules during the lecture as well as teaching materials and references for one semester.</p> <p>PT: lecturers form groups and give assignments to be presented at the next meeting.</p> | Classroom 100 minutes | RPC Ch 12 |

6. Assessment and Evaluation System

Assessment System

| Total | Grade | Total | Grade |
|---------------|-------|---------------|-------|
| > 80,00 | A | 62,50 – 64,99 | C+ |
| 77,50 – 79,99 | A- | 60,00 – 62,49 | C |
| 75,00 – 77,49 | A/B | 55,00 – 59,99 | C- |
| 72,50 – 74,99 | B+ | 50,00 – 54,99 | C/D |
| 70,00 – 72,49 | B | 45,00 – 49,99 | D+ |
| 67,50 – 69,99 | B- | 40,00 – 44,99 | D |
| 65,00 – 67,49 | B/C | < 40 | E |

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|-------------------|---|
| | Benchmark Reference Assessment using assessment criteria and weights (SK Rektor No. 5/PR/Rek/BPA/III/2014 Pasal 12): : |
| Evaluation System | <ul style="list-style-type: none"> 75% of students who take this course have a minimum average grade of 70 (B), if the indicator has not been reached then an assignment / improvement test will be conducted. |

| Date : | Date : | Date : |
|---|---|------------------------|
| Validated by the Head of the Study Program | Checked by the Coordinator of the Subject Group | Prepared by Instructor |
|  | | |
| Dr. Mahmudi, S.E., M.Si, Ak, CMA | | |