FLORIDA STATE COLLEGE AT JACKSONVILLE

COLLEGE CREDIT COURSE OUTLINE

COURSE NUMBER: IDC 3021C

COURSE TITLE: Technology in FinTech

PREREQUISITE(S): None

COREQUISITE(S): None

CONDITION(S):

CREDIT HOURS: 3

CONTACT HOURS/WEEK: 4

CONTACT HOUR BREAKDOWN:

Lecture/Discussion:

Laboratory:

Other: Lecture/Lab Combined 4

FACULTY WORKLOAD POINTS: 4

STANDARDIZED CLASS SIZE

ALLOCATION: 24

CATALOG COURSE DESCRIPTION:

This course introduces technologies used in FinTech such as blockchain, encryption, application development tools, data analytics, and artificial intelligence. Students are encouraged to take FIN 3450 prior to or in the same semester as this course.

SUGGESTED TEXT(S): None

IMPLEMENTATION DATE: Fall Term 2022 (2228) – Proposal 2021-24

REVIEW OR MODIFICATION DATE:

COURSE TOPICS CONTACT HOURS

PER TOPIC

1. Introduction: Fintech Overview 2
2. Identity, Privacy, and Anonymity 4
3. Regulatory Issues 2
4. Personal Finance 4
5. Blockchain and Encryption 5
6. Lending and Crowdfunding 4
   1. P2P
   2. Crowdfunding
7. Equity Trading and Investments 6
8. Payment Systems 3
   1. Payment processing
   2. Bank payment systems
   3. Interbank processing (cross borders)
9. Retail Transactions 4
10. Cryptocurrencies 5
11. Big Data and Analytics 6
12. AI, DSS and Automation 6
13. Application Development Processes and Tools                               5
14. Application Use Cases                                                                   4

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| **Florida State College at Jacksonville** | | | | | | | | | | | | | **Course Learning Outcomes and Assessment** | | | | | | | | | | | |
| **SECTION 1** | | | | | | | | | | | | | | | | | | | | | | | | |
| Course Prefix and Number: | | | | | IDC 3021C | | | | | | | | | | | Semester Credit Hours (Credit): | | | | | | | | 3 |
| Contact Hours (Workforce): | | | | | | | |  |
| Course Title: | | | | | Technology in FinTech | | | | | | | | | | | | | | | | | | | |
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| **SECTION 2a *(To be completed for General Education courses only.)*** | | | | | | | | | | | | | | | | | | | | | | | | |
| ***TYPE OF COURSE (Place an “X” in the box next to those that are applicable.)*** | | | | | | | | | | | | | | | | | | | | | | | | |
|  | General Education Core (If selected, core discipline area will be identified in Section 4.) | | | | | | | | | | | | | | | | | | | | | | | |
|  | General Education (If selected, you must also complete Section 4, Section 5, and Section 8) | | | | | | | | | | | | | | | | | | | | | | | |
| **SECTION 2b** | | | | | | | | | | | | | | | | | | | | | | | | |
| ***TYPE OF COURSE (Place an “X” in the box next to those that are applicable.)*** | | | | | | | | | | | | | | | | | | | | | | | | |
|  | A.A. Elective | | | | | | |  | | A.S. Required Course | | | | | | | | | |  | A.S. Professional Elective | | | |
|  | A.A.S. Required Course | | | | | | |  | | A.A.S. Professional Elective | | | | | | | | | |  | Technical Certificate | | | |
|  | PSAV/Clock Hour/Workforce | | | | | | |  | | Development Education | | | | | | | | | |  | Apprenticeship | | | |
| X | Upper Division/Bachelors | | | | | | | X | | Other: | | Advanced Technical Certificate | | | | | | | | | | | | |
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| **SECTION 3** | | | | | | | | | | | | | | | | | | | | | | | | |
| ***INTELLECTUAL COMPETENCIES (Place an “X” in the box next to those that are applicable.)*** | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | Reading |  | Speaking | | |  | | Critical Analysis | | | | | |  | | | Qualitative Skills | | | |  | Scientific Method of Inquiry | |
|  | | Writing |  | Listening | | |  | | Information Literacy | | | | | |  | | | Ethical Judgement | | | |  | Working Collaboratively | |
|  | | | | | | | | | | | | | | | | | | | | | | | | |
| **SECTION 4 *(To be completed for General Education courses only.)*** | | | | | | | | | | | | | | | | | | | | | | | | |
| ***GENERAL EDUCATION DISCIPLINE AREA (Place an “X” in the box next to those that are applicable.)*** | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Communications | | | | |  | | | | Humanities | | | |  | | | Mathematics | | | | | | | |
|  | Social and Behavioral Sciences | | | | | | | | | | | | |  | | | Natural Sciences | | | | | | | |
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| **SECTION 5 *(To be completed for General Education courses only.)*** | | | | | | | | | | | | | | | | | | | | | | | | |
| ***GENERAL EDUCATION LEARNING OUTCOME AREA (Place an “X” in the box next to those that are applicable.)*** | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Communication | | | | |  | | | | Critical Thinking | | | |  | | | Information Literacy | | | | | | | |
|  | Scientific and Quantitative Reasoning | | | | | | | | | | | | |  | | | Global Sociocultural Responsibility | | | | | | | |
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| **SECTION 6** | | | | | | | | | | | | | | | | | | | | | | | | |
| ***LEARNING OUTCOMES*** | | | | | | | | | | | ***TYPE OF OUTCOME***  ***(General Education, Course or Program)*** | | | | | | | | ***METHOD OF ASSESSMENT*** | | | | | |
| Identify and describe technologies used in FinTech | | | | | | | | | | | Program/Course | | | | | | | | Projects and/or Exams | | | | | |
| Describe how mobile applications are used in FinTech | | | | | | | | | | | Program/Course | | | | | | | | Projects and/or Exams | | | | | |
| Describe how FinTech is used in customer relationship management, regulation, security, and fraud prevention applications | | | | | | | | | | | Program/Course | | | | | | | | Projects and/or Exams | | | | | |
| Identify trends and new developments in FinTech that can used in new applications | | | | | | | | | | | Program/Course | | | | | | | | Projects and/or Exams | | | | | |
| Describe processes, tools, and techniques used to develop FinTech applications | | | | | | | | | | | Program/Course | | | | | | | | Projects and/or Exams | | | | | |

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| **SECTION 7** | | | |
| Faculty name(s): | Mitch Velasco | Date: | 8/10/21 |