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| For Academic Affairs and Research Use Only |
| CIP Code:  |  |
| Degree Code: |  |

**Bulletin / Banner Change Transmittal Form**

**[X ] Undergraduate Curriculum Council**

**[ ] Graduate Council**

Signed paper copies of proposals submitted for consideration are no longer required. Please type approver name and enter date of approval. 2019U\_BU\_Business Core Change.docx

Email completed proposals to curriculum@astate.edu for inclusion in curriculum committee agenda.

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| Kelly Fish | 9/17/2020 |

**Department Curriculum Committee Chair** |

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**COPE Chair (if applicable)** |
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| James Doering | 9/17/2020 |

**Department Chair:**  |

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**Head of Unit (If applicable)**   |
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| Melodie Philhours | 9/24/2020 |

**College Curriculum Committee Chair** |

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**Undergraduate Curriculum Council Chair** |
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| Melody Lo | 9/24/2020 |

**College Dean** |

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**Graduate Curriculum Committee Chair** |
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**General Education Committee Chair (If applicable)**   |

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**Vice Chancellor for Academic Affairs** |

**1.Contact Person** (Name, Email Address, Phone Number)

Jollean Sinclaire, jsinclaire@astate.edu, 870-972-3990

**2.Proposed Change**

Delete “OR CS 1013, Introduction to Computers” from Neil Griffin College of Business Core Courses and from majors listing CS 1013 and from courses listing CS 1013 as an alternative prerequisite.

**3.Effective Date**

Fall 2021

**4.Justification –** *Please provide details as to why this change is necessary.*

Business students need knowledge of Microsoft Access because it fulfills business needs for small and medium-sized organizations that require a small-scale database solution. CS 1013 is not an acceptable substitute for CIT 1503 because it does not include coverage of Microsoft Access. Students requesting transfer credit for CIT 1503 must provide proof that the substituting course included coverage of Microsoft Access database.

**Bulletin Changes**

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NEIL GRIFFIN COLLEGE OF BUSINESS CORE COURSES

All candidates for baccalaureate degrees in the Neil Griffin College of Business are required to take

the following Neil Griffin College of Business core courses.

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| **Neil Griffin College of Business Core Courses:** Grade of “C” or better or 2.25 overall core GPA required  | **Sem. Hrs.**  |
| ACCT 2033, Introduction to Financial Accounting  | 3  |
| ACCT 2133, Introduction to Managerial Accounting  | 3  |
| BCOM 2563, Business Communication  | 3  |
| CIT 1503, Microcomputer Applications **~~OR~~** ~~CS 1013, Introduction to Computers~~ *(Grade of “C” or better required ~~for either course~~)*  | 3  |
| CIT 3013, Management Information Systems  | 3  |
| CIT 3523, Operations Management  | 3  |
| STAT 3233, Applied Statistics  | 3  |
| ECON 2323, Principles of Microeconomics  | 3  |
| FIN 3713, Business Finance  | 3  |
| LAW 2023, Legal Environment of Business  | 3  |
| MGMT 3123, Principles of Management  | 3  |
| MGMT 4813, Strategic Management  | 3  |
| MKTG 3013, Marketing  | 3  |
| **Total Required Hours:**  | **39** |

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**Major in Accounting**

**Associate of Science**

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| **University Requirements:**  |
| See University General Requirements for Associate degrees (p. 43)  |
| **First Year Making Connections Course:**  | **Sem. Hrs.**  |
| BUSN 1003, First Year Experience Business  | **3**  |
| **General Education Requirements:**  | **Sem. Hrs.**  |
| See General Education Curriculum for Associate of Science Degrees (p. 79) **Students with this major must take the following:** *COMS 1203, Oral Communication* *ANTH 2233, Introduction to Cultural Anthropology* **OR** *SOC 2213, Introduction to Sociology* *MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite* *ECON 2313, Principles of Macroeconomics*  | **35**  |
| **Major Requirements:** Grade of “C” or better is required for all major courses.  | **Sem. Hrs.**  |
| ACCT 2033, Introduction to Financial Accounting  | 3  |
| ACCT 2133, Introduction to Managerial Accounting  | 3  |
| ACCT 3003, Intermediate Accounting I  | 3  |
| ACCT 3053, Cost Accounting with a Managerial Emphasis  | 3  |
| ACCT 4013, Tax Accounting I  | 3  |
| CIT 1503, Microcomputer Applications **~~OR~~** ~~CS 1013, Introduction to Computers~~  | 3  |
| CIT 2033, Programming Fundamentals  | 3  |
| **Sub-total**  | **21**  |
| **Electives:**  | **Sem. Hrs.**  |
| Electives  | **1**  |
| **Total Required Hours:**  | **60** |

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**ASSOCIATE OF SCIENCE IN COMPUTER AND INFORMATION TECHNOLOGY**

All candidates for an Associate Degree in the Neil Griffin College of Business must satisfy the University Requirements for all Associate Degrees (refer to index for page reference), as well as the specific degree requirements listed under the CIT major.

**Major in Computer and Information Technology**

**Associate of Science**

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| **University Requirements:**  |
| See University General Requirements for Associate degrees (p. 43)  |
| **First Year Making Connections Course:**  | **Sem. Hrs.**  |
| BUSN 1003, First Year Experience Business  | 3  |
| **General Education Requirements:**  | **Sem. Hrs.**  |
| See General Education Curriculum for Associate of Science Degrees (p. 79) **Students with this major must take the following:** *MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite* *COMS 1203, Oral Communication* *ECON 2313, Principles of Macroeconomics*  | **35**  |
| **Major Requirements:** Grade of “C” or better required for all Major Requirements  | **Sem. Hrs.**  |
| ACCT 2033, Introduction to Financial Accounting  | 3  |
| CIT 1503, Microcomputer Applications **~~OR~~** ~~CS 1013, Introduction to Computers~~  | 3  |
| CIT 2033, Programming Fundamentals  | 3  |
| CIT 2523, Telecommunications and Networking Essentials  | 3  |
| CIT 3013, Management Information Systems  | 3  |
| CIT 3403, Database Management  | 3  |
| CIT or CS Electives *CS 1013 may not be used to satisfy this requirement.*  | 3  |
| **Sub-total**  | **21**  |
| **Electives:**  | **Sem. Hrs.**  |
| Electives  | **1**  |
| **Total Required Hours:**  | **60** |

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**CIT 2033. Programming Fundamentals** An introduction to Windows programming using Microsoft Visual Studio or a similar integrated development environment. Students learn to write programs using an object oriented programming language and incorporating sequence, selection, and repeti­tion structures. Prerequisite, CIT 1503 ~~or CS 1013~~. Fall.

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**CIT 3013. Management Information Systems** Provides understanding of information needs of management, information technology used by various business subsystems, and how technol­ogy can be utilized for competitive advantage. Prerequisites, CIT 1503 ~~or CS 1013~~; ACCT 2023 or ACCT 2033; and ECON 2313. Fall, Spring, Summer.

**CIT 3033. Intermediate Programming** Continuation of CIT 2033 (Programming Fundamen­tals). Uses language taught from previous semester in CIT 2033. Emphasis is on array process­ing, multiple document applications, database interactivity, and programmer-written functions and classes. Pre/Co-requisite, CIT 3013. Prerequisites, “C” or better in CIT 2033; or instructor permission. Spring.

**CIT 3353. Mobile and Web Applications Development** Development of web and mobile applications from design to deployment. Includes markup, client-side and server side, stylesheet, and related languages, as well as associated development technologies. Pre/Co-requisite, CIT 3013. Prerequisite, programming course with a grade of “C” or better. Fall.

**CIT 3403. Database Management** Enterprise-wide database theory and SQL with the use of industry standard DBMS, such as MySQL, Oracle, or SQL Server. Pre/Co-requisite, CIT 3013. Fall.

**CIT 3413. Advanced Database Management** Extends the coverage of CIT 3403 using a popular DBMS. Topics include client applications, object oriented database development, and data security. Pre/Co-requisite, CIT 3013. Prerequisite, “C” or better in CIT 3403. Spring.

**CIT 3523. Operations Management** Introduction to the operations function in manufacturing and services. Emphasis on continual improvement of systems for producing goods and services. Pre/Co-requisite, CIT 3013. Prerequisites, CIT 1503; ACCT 2023 or ACCT 2033; and STAT 3233. Fall, Spring, Summer.

**CIT 3533. Microcomputer Applications II** Continuation of CIT 1503 to cover advanced topics in the area of spreadsheets and databases. Prerequisite, CIT 1503 ~~or CS 1013~~, and CIT 2033. Fall.

**CIT 3603. Systems Analysis and Design** Covers the basic techniques used in the analysis, design, and implementation of computer based information systems. Provides overview of the systems development life cycle, systems documentation and program specifications, data gathering and information reporting activities, transition from analysis to design. Pre/Co-requisite, CIT 3013. Corequisite, CIT 3403. Fall.

**CIT 3623. LAN Administration** Covers topics pertinent to the administration of a local area network. Topics include, user management, file management, security, and network printing. Pre/ Co-requisite, CIT 3013. Prerequisite, computer literacy. Fall.

**CIT 3663. Data Mining** Theory and practice of knowledge discovery in databases (KDD) with emphasis on predictive modeling and model evaluation using computer software such as SAS to perform data mining. Pre/Co-requisite, CIT 3013. Prerequisites, STAT 3233; or instructor permis­sion. Fall, odd.

**CIT 3853. Computer Forensics** Students are introduced to information systems role in forensic computing. Emphasis will be on the retrieval, preservation, and analysis of computer data which might be used in legal cases. Suggest previous criminology courses or experience for FOSC majors before enrolling. Pre/Co-requisite, CIT 3013. Prerequisite, CIT 1503 ~~or CS 1013~~. Fall.

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**ECON 2113. Business Statistics I** Statistical methods used in studying business and eco­nomic data, averages and dispersions, probability, sampling, statistical inference, estimation, tests of hypotheses, index numbers, linear regression and correlation. Prerequisites, MATH 1023 or MATH 2143, and CIT 1503 ~~or CS 1013~~. Fall, Spring, Summer. (ACTS#: BUSI 2103)