**FC Business Division Advisory Meeting**

**MINUTES**

Thursday, Oct 13, 2022

Fullerton College Building 200, rooms 227/229

**ATTENDEES:**

* **Regina Singh**
* **Chris Ghidella, Student**
* **Margie Snow**
* **Richard Ghidella**
* **Raylene Gonzalez Roberti**
* **Gilbert Lucero**
* **Daniel Stewart**
* **CJ Bishop**
* **Brandi Boyer**
* **Jenny Zhang**
* **Ayman Soliman**
* **Peter Lim**
* **Eric Levitt, City of Fullerton**
* **Fred Jung, City Mayor, Fullerton**
* **Gary Graves**
* **Carlos Ayon, Dean of Business**
* **Kathy Standen**
* **Barry McCarthy**
* **Brandon Tran**
* **Kelly Horwood Jones**
* Adriana Goncalves

**Call to Order -**

**Welcome by Prof. Graves, Interim President Perez, Dean Carlos Ayon**

**Self-Introductions Industry Advisors**

**Self-Introductions Educators**

***Discussion - How are internships used in your organization? Thoughts on:***

* Paid vs unpaid
* Amount of paperwork required by the college
* Use of our Career - Job Posting site
* Best ways for students to find an internship
* If you don’t have an internship program, are you interested?

***New Programs APPROVED:***

1. ***Supply Chain Management Certificate***
2. ***Hospitality Management Certificate***
3. ***Hospitality Management AST***
4. ***Programming Skills Certificate***
5. ***Programming Certificate***

**Supply Chain Managemnt Certificate**

Required Courses (6 units) Units

BUS 190 F Supply Chain Management Fundamentals 3

BUS 191 F Warehousing Operations 3

Select one ACCOUNTING course from the following (3-5 units): Units

ACCT 100 F Small Business Accounting 3

ACCT 101AF Financial Accounting 5

 or

ACCT 102HF Honors Financial Accounting 5

Select one COMMUNICATIONS course from the following (3-4 units): Units

BUS 111 F Business Communications 3

BUS 112 F Public Speaking for Business 4

BUS 211 F Critical Reasoning and Writing for Business 3

 or

BUS 211HF Honors Critical Reasoning and Writing for Business 3

Select one MANAGEMENT course from the following (3 units): Units

BUS 100 F Introduction to Business 3

BUS 180 F Small Business Management 3

BUS 131 F Principles of International Business 3

BUS 262 F Principles of Management 3

BUS 266 F Human Relations in Organizations 3

BUS 267 F Principles of Supervision 3

BUS 268 F Human Resource Management 3

BUS 271 F Leadership and Business Ethics 3

Select one LEGAL course from the following (3 units):

(See counselor for determination of correct course) Units

BUS 240 F Legal Environment of Business 3

 or

BUS 240HF Honors Legal Environment of Business 3

BUS 242 F International Business Law 3

BUS 245 F Business Law I 3

**Total Units 18 - 21**

**Hospitality Management**

**Hospitality Management Associate in Science Degree for Transfer**

The Hospitality Management Associate in Science Degree for Transfer 2.0, also called the Hospitality Management AS-T Degree, prepares students to transfer to CSU campuses that offer bachelor’s degrees in Hospitality Management. Students who earn the Hospitality certificate are prepared for entry-level positions that can lead to supervisory roles in a variety of lodging, restaurant and entertainment venues. The certificate opens doors for graduates to apply for a variety of jobs in the hospitality industry, and on-site internships offer student access to multiple departments for on-the-job training. The Hospitality Management AS-T requires a minimum of 18 units. The following is required for all AA-T or AS-T degrees, and there are no additional graduation requirements: (1) Completion of 60 semester units or 90 quarter units that are eligible for transfer to the California State University, including both of the following: (a) The Intersegmental General Education Transfer Curriculum (IGETC) or the California State University General Education – Breadth Requirements. (b) A minimum of 18 semester units or 27 quarter units in a major or area of emphasis, as determined by the community college district. (2) Obtainment of a minimum grade point average of 2.0. (3) ADTs also require that students must earn a C or better in all courses required for the major or area of emphasis. A “P” (Pass) grade is an acceptable grade for courses in the major only if the P is defined to be equivalent to a C or better.

Required Core (3 units) Units

BUS 120 Introduction to Hospitality and Tourism 3

List A: Select three courses (9 units) Units

BUS 121 F Survey of Hospitality Management and Manager Sanitation And Safety 3

BUS 122 F Food, Beverage, and Labor Cost Control 3

BUS 124 F Introduction to Food and Beverage Management 3

BUS 125 F Introduction to Hotel/Resort Operations and Guest Relations 3

ECON 101 F Principles of Economics - Micro 3

 or

ECON 101HF Honors Principles of Economics - Micro 3

LIST B: Select two courses (7-10 units), or any course from LIST A not already used. Units

ACCT 101AF Financial Accounting 5

BUS 245 F Business Law I 3

MATH 120 F Introductory Probability and Statistics 4

 or

MATH 120HF Honors Introductory Probability and Statistics 4

 or

MATH 121 F Introductory Probability and Statistics with Support 5

Any lower division course articulation for Hospitality Management degree at the CSU (3-4 units)

Total Units 27 - 28

**Hospitality Management Certificate**

Students who earn the Hospitality certificate are prepared for entry-level positions that can lead to supervisory roles in a variety of lodging, restaurant and entertainment venues. The certificate opens doors for graduates to apply for a variety of jobs in the hospitality industry, and on-site internships offer student access to multiple departments for on-the-job training. A grade of C or better is required in each course taken. This certificate requires 18 units.

Program Level Student Learning Outcomes

Outcome 1: Use knowledge and skills associated with problem solving, creative and critical thinking, reflection and decision making to function effectively in a real-world working environment

Outcome 2: Apply the concepts and skills necessary to achieve guest satisfaction.

Outcome 3: Use knowledge of best practices to further sustainability (economic, environmental, and cultural/social) in the industry.

Required Courses Units

BUS 120 Introduction to Hospitality and Tourism 3

BUS 121 F Survey of Hospitality Management and Manager Sanitation And Safety 3

BUS 122 F Food, Beverage, and Labor Cost Control 3

BUS 124 F Introduction to Food and Beverage Management 3

BUS 125 F Introduction to Hotel/Resort Operations and Guest Relations 3

BUS 240 F Legal Environment of Business 3

 or

BUS 240HF Honors Legal Environment of Business 3

 or

BUS 245 F Business Law I 3

**Total Units 18**

**Cloud Computing**

Cloud Computing and Security Skills Certificate

This Cloud Computing and Security Skills Certificate program provides training in preparation for immediate employment in business, government and industrial organizations utilizing cloud computing services. It provides skills needed for career entry and/or advancement in such positions as cloud computing specialist, cloud architect and cloud engineer. The Cloud Computing and Security Skills Certificate is designed to prepare students for an entry-level position supporting organizations using cloud computing services in the field of information technology. A grade of C or better is required in each course taken. This certificate requires 12 units.

Required Courses Units

CIS 235 F Introduction to Cloud Computing 3

CIS 237 F Cloud Computing Architecture 3

CIS 238 F Cloud Computing Database Essentials 3

CYBR 260 F Cloud Security 3

**Total Units 12**

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| Cloud Computing Certificate |
|   |
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|   |
| **Program Justification** |
| This Cloud Computing Certificate program provides training in preparation for immediate employment in business, government and industrial organizations utilizing cloud computing services. It provides skills needed for career entry and/or advancement in such positions as cloud computing specialist, cloud architect and cloud engineer. The Cloud Computing and Security Skills Certificate is designed to prepare students for an entry-level position supporting organizations using cloud computing services in the field of information technology. A grade of C or better is required in each course taken. |
| **Program Level Student Learning Outcomes** |
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| --- | --- |
| Outcome 1: | Design, select and implement essential cloud computing components to satisfy user needs in a business environment.  |
| Outcome 2: | Deploy and administer cloud computing services.  |
| Outcome 3: | Communicate effectively with users to diagnose and resolve cloud-related issues.  |

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| **Introduction to Cloud Computing** | **Units** |
| CIS 235 F | Introduction to Cloud Computing | 3 |
| CIS 237 F | Cloud Computing Architecture | 3 |
| CIS 238 F | Cloud Computing Database Essentials | 3 |
| CIS 120 F | Project Management I | 3 |
| CYBR 260 F | Cloud Security | 3 |
| CIS 180 F | Introduction to Networking Concepts | 3 |
|   |   |
| **Cloud Computing Architecture** | **Units** |
|   |   |
| **Total Units** | **18** |

**Programming Certificate**

The Programming Certificate is designed to prepare students for an entry-level job in the programming field. Students receive a grounding in a breadth of current programming languages and must select electives focusing on web programming, Java and mobile applications programming, database management, game programming or data analytics. A minimum grade of C is required in each course taken. This certificate requires 16-20 units.

Required Courses (9 units) Units

CIS 201 F Introduction to Python Programming 3

CIS 223 F Programming in C++ 3

CIS 226 F Java Programming I 4

For a focus on Java and mobile applications, select three courses for 10-11 units. Units

CIS 212 F Robotic Programming 3

CIS 228 F Java Programming II 4

CIS 240 F Introduction to Mobile Apps 4

CYBR 230 F Scripting Fundamentals 3

or

For a focus on web programming, select three courses for 9 units. Units

CIS 152 F Web Design I 3

CIS 154 F JavaScript Programming I 3

CIS 155 F Web Page Multimedia Design I 3

CIS 230 F PHP and MySQL Programming 3

or Units

For a focus on database management, select three courses for 8-9 units. Units

CIS 130 F Systems Analysis and Design 3

CIS 142 F Database I 3

CIS 213 F Python for Data Analytics 2

CIS 215 F Excel for Data Analytics and Big Data 3

or Units

For a focus on game programming, select three courses for 9 units. Units

CISG 110 F Introduction to Programming for Computer Games 3

CISG 160 F C# for Game Programming 3

CISG 165 F C++ For Game Programming 3

CISG 170 F Java for Game Programming 3

CISG 185 F Artificial Intelligence in Game Programming 3

CISG 190 F Programming Multiuser Online Games 3

or Units

For a focus on Data Analytics, select three courses for 7-8 units. Units

CIS 113 F Introduction to Big Data Analytics 2

CIS 210 F Advanced Python Programming 3

CIS 213 F Python for Data Analytics 2

CIS 215 F Excel for Data Analytics and Big Data 3

**Total Units 20**

 **Programming Skills Certificate**

The Programming Certificate requires the completion of 9 units in required classes listed below. A minimum grade of “C” is required in each course taken. At least one half of the units toward the certificate must be completed at Fullerton College.

Required Courses (9 units) Units

CIS 201 F Introduction to Python Programming 3

CIS 223 F Programming in C++ 3

CIS 226 F Java Programming I 3

**Total Units 9**

**If there is time:**

**Labor Market Update**

1. In what specific areas, if any, is there new job growth?
2. What is the typical/average starting salary for an entry-level position?
3. What are the job duties for an entry-level position?
4. Is there any new technology/equipment we should be aware of and incorporate training to better prepare out students?
5. Are there any industry certifications that our students could earn that would be advantageous to their getting hired?
6. Do you know of any companies that allow students to participate in unpaid on-the-job training?

1. Do you know of any companies that are currently hiring/scholarship opportunities for high school students?
2. Some concrete things that we can show that the students are ready to get in the real work force?
3. In an interview, what should one bring?
4. Do you recommend any companies for a field trip?