

NAME \_\_\_\_\_

SEMESTER/YEAR BEGAN IT \_\_\_\_\_

# HAWAI'I COMMUNITY COLLEGE, 2019-2020

## Information Technology (IT)

**Program Requirements** (AS Overall [62 credits, cumulative GPA 2.0 required from all courses])

(CA Overall [32 credits, cumulative GPA 2.0 required from all courses])

(CO – Information Security & Assurance Overall [21 credits, cumulative GPA 2.0 required from all courses])\*\*

(CO – Computer Support Overall [10 credits, cumulative GPA 2.0 required from all courses])\*\*

| Course         | Course Name  | Semester, Yr. & Grade | CO<br>Comp Support<br>Credits** | CO<br>Info Security<br>Credits** | CA<br>Credits | AS<br>Credits |
|----------------|--|-----------------------|---------------------------------|----------------------------------|---------------|---------------|
| <b>Fall:</b>   |  |                       |                                 |                                  |               |               |
| *ICS 101       | Digital Tools for the Information World                                    |                       | 3                               | 3                                | 3             | 3             |
| *ITS 104       | Computer Hardware Support  |                       | 4                               | ---                              | 4             | 4             |
| BUS 120        | Principles of Business   |                       | ---                             | ---                              | 3             | 3             |
| ENG 100        | Composition I (FW)   |                       | ---                             | ---                              | 3             | 3             |
| + MATH 135     | Pre-Calculus: Elementary Functions (FQ) or higher                          |                       | ---                             | ---                              | 4             | 4             |
|                | <b>Semester Total</b>  |                       | <b>7</b>                        | <b>3</b>                         | <b>17</b>     | <b>17</b>     |
| <b>Spring:</b> |  |                       |                                 |                                  |               |               |
| *ICS 111       | Intro to Computer Science I  |                       | ---                             | ---                              | 3             | 3             |
| *ICS 200       | Web Technology   |                       | ---                             | ---                              | 3             | 3             |
| *ITS 121       | Computing Topics   |                       | 3                               | 3                                | 3             | 3             |
| SP 151         | Personal and Public Speech   |                       | ---                             | ---                              | 3             | 3             |
| ELECTIVE       | Diversifications – Arts, Humanities, Literature (DA/DH/DL) (see next page) |                       | ---                             | ---                              | 3             | 3             |
|                | <b>Semester Total</b>  |                       | <b>3</b>                        | <b>3</b>                         | <b>15</b>     | <b>15</b>     |
| <b>Fall:</b>   |  |                       |                                 |                                  |               |               |
| *ICS 141       | Discrete Math for Computer Science I                                       |                       | ---                             | ---                              | ---           | 3             |
| *ICS 211       | Intro to Computer Science II   |                       | ---                             | ---                              | ---           | 3             |
| *ITS 129       | Introduction to Databases  |                       | ---                             | 3                                | ---           | 3             |
| ACC 201        | Introduction to Financial Accounting                                       |                       | ---                             | ---                              | ---           | 3             |
| ECON 131       | Principles of Macroeconomics   |                       | ---                             | ---                              | ---           | 3             |
|                | <b>Semester Total</b>  |                       | <b>---</b>                      | <b>3</b>                         | <b>---</b>    | <b>15</b>     |
| <b>Spring:</b> |  |                       |                                 |                                  |               |               |
| *ITS 124       | Introduction to Networking   |                       | ---                             | 3                                | ---           | 3             |
| *ITS 221       | Advanced Computing Topics  |                       | ---                             | 3                                | ---           | 3             |
| *ITS 287       | IT Internship Preparation  |                       | ---                             | ---                              | ---           | 2             |
| *ITS 288       | IT Program Internship  |                       | ---                             | ---                              | ---           | 1             |
| ELECTIVE       | Diversifications – Natural Sciences (DB/DP/DY) (see next page)             |                       | ---                             | ---                              | ---           | 3             |
| ELECTIVE       | Diversifications – Social Sciences (DS) (see next page)                    |                       | ---                             | ---                              | ---           | 3             |
|                | <b>Semester Total</b>  |                       | <b>---</b>                      | <b>6</b>                         | <b>---</b>    | <b>15</b>     |
| <b>Fall:</b>   |  |                       |                                 |                                  |               |               |
| *ICS 281       | Ethical Hacking  |                       | ---                             | 3                                | ---           | ---           |
|                | <b>Semester Total</b>  |                       | <b>---</b>                      | <b>3</b>                         | <b>---</b>    | <b>---</b>    |
| <b>Spring:</b> |  |                       |                                 |                                  |               |               |
| *ICS 282       | Computer Forensics   |                       | ---                             | 3                                | ---           | ---           |
|                | <b>Semester Total</b>  |                       | <b>---</b>                      | <b>3</b>                         | <b>---</b>    | <b>---</b>    |

|  |  |     |     |     |     |
|--|--|-----|-----|-----|-----|
| <b>1. Diversifications – Arts, Humanities, Literature (DA/DH/DL)</b><br>[1 COURSE REQUIRED – 3 cr.]<br><br><b>ART</b> 101, 113, 114, <b>ASAN</b> 120, <b>ENG</b> 204, 255, 256, 257A, 257E, <b>HAW</b> 101, 102, 201, 202, <b>HIST</b> 153, 154, <b>HWST</b> 100, 102, 103, 105, 107, 201, 270 (formerly HWST 104), <b>PHIL</b> 100, 101, 102, 120 |  | --- | --- | --- | --- |
| <b>1. Diversifications – Natural Sciences (DB/DP/DY)</b><br>[1 COURSE REQUIRED – 3 cr.]<br><br><b>ASTR</b> 110, <b>BIOL</b> 100, 100L, 101, 101L, 124, 124L, 156, 156L, 171, 171L, <b>BOT</b> 101, 101L, <b>CHEM</b> 100, 100L, 151, <b>GEOG</b> 170, <b>MICR</b> 130, 140L, <b>PHYL</b> 141, 141L, <b>PHYS</b> 105, <b>ZOOL</b> 101, 101L         |  | --- | --- | --- | --- |
| <b>1. Diversifications – Social Sciences (DS)</b><br>[1 COURSE REQUIRED – 3 cr.]<br><br><b>ANTH</b> 150, 200, <b>BOT</b> 105, <b>ECED</b> 131, <b>FAMR</b> 230, <b>GEOG</b> 122, <b>HSER</b> 110, <b>PSY</b> 100, 170, 275, <b>SOC</b> 100, 218, <b>SSCI</b> 111, <b>WS</b> 151  |  | --- | --- | --- | --- |

*Total Credits:*            10            21            32            62

**Courses completed that do not apply to major**

| Course | Sem., Yr. & Grade | Course | Sem., Yr. & Grade |
|--------|-------------------|--------|-------------------|
|        |                   |        |                   |

**Entry Requirements**

- Proficiency levels in both reading and mathematics must be met for entry into the program:
 

|                     |                          |    |                              |
|---------------------|--------------------------|----|------------------------------|
| <u>Subject Area</u> | <u>Course Completion</u> | OR | <u>Placement into course</u> |
| Mathematics         | Math 82X                 |    | Math 103                     |
| Reading             | Eng 21 or ESL 21         |    | Eng 102                      |

**Special Instructions**

- Earn a “C” or better in all ICS and ITS courses.\*
- Earn an overall GPA of 2.0 or better.

\*\* Cyber Security Certificate of Competence

\*\*\* Computer Support Certificate of Competence

+ Any Math course at or above Math 100.

† Cross-listed courses count only once for graduation requirements.

**For more information on Gainful Employment on all of our programs, please go to the following link:**

<http://www.hawaii.hawaii.edu/gainful-employment/>