

## **2016-2017 Curriculum Committee Report**

### **Major Accomplishments**

Retired Curriculum Central on 31 December 2016 but with backups available. Initiated the use of KSCM (Kuali Student Course Management). Curriculum Committee 2016-2017 was the first to review and approve courses and programs using this new system.

Held multiple training sessions introducing faculty and staff to the new KSCM system. Curriculum Support Coordinator and Leeward CC representative to KSCM, Petersen Gross, organized and oversaw the training sessions.

Updated the course and program guides, which provided users of KSCM with explanatory images and video clips on how to create proposals using KSCM. Website also provided examples of sample answers to fields in KSCM in a proposal guide.

Accommodated the STAR GPS TEAM by providing them with a list of all courses and programs submitted through KSCM for Curriculum Committee review. The STAR GPS TEAM would have several days to review course sequencing and see if the courses and programs submitted could smoothly navigate through the STAR system. Their recommendations would then be incorporated into the review process and the Curriculum Committee would report any problems identified by the STAR GPS TEAM to the proposer. The proposer might then make changes that rectify the identified problems. The STAR GPS TEAM simply made recommendations that the Curriculum Committee took into advisement. They were not officially part of the review process and served in an advisory capacity only. The Curriculum Committee made any changes to proposal outlines exclusively.

For the first time, Leeward Community College approved 300-level courses that will be part of the CO-TCH-ACTE and APC-SPED programs, which will be offered beginning in the fall semester of 2017. These Board of Regent approved certificates and their 300-level courses will create certified professional educators badly needed to fill positions in the State of Hawaii's Department of Education especially in Special Education.

Music courses that were repeatable according to the Leeward CC catalog were not reflected as repeatable in KSCM. The Repetition of Courses Policy can be found on Page 132 in the Leeward Community College Catalog, 2016-2017. The Curriculum Committee allowed the addition of repeatability of music courses to be reflected in KSCM. No formal modification was necessary since repeatability

was already allowed in the catalog based on a prior agreement between the music faculty and administration.

The Board of Regents approved a new program: Integrated Industrial Technology in late December 2016. Leeward CC administration and CTE requested the Curriculum Committee to facilitate the approval of 3 IIT programs and 12 accompanying IIT courses after the submission deadline for course and program outlines for effective date, fall 2017 had long since passed. The Curriculum Committee accepted these late submissions, reviewed and approved all IIT course outlines and programs. To accommodate this request, the Curriculum Committee added additional meetings to its schedule.

At the time of this report Integrated Industrial Technology needs to be added in KSCM so all courses and programs are temporarily using the alpha, NEW, until replaced by IIT.

Reviewed and recommended, and presented to the Faculty Senate the following outline proposals during the academic year:

22 new courses

70 course modifications (- 1 outline not yet approved and 1 outline rejected by the Leeward CC administration)

4 new programs

11 program modifications

6 experimental courses (-1 outline rejected by the Leeward CC administration)

All courses and programs that are listed were approved by the Leeward CC Faculty Senate and Leeward CC administration unless otherwise noted.

**List of approved outline proposals recommended and presented to the Faculty Senate**

**New Courses – effective date fall 2017**

| <b><u>Course Outline</u></b>  | <b><u>Title</u></b> | <b><u>Curriculum Committee Approval Date</u></b> |
|---|---------------------|--|
| ED 330: SPED Law and IEP Development (3 Credits).<br>(approved by VCAA-2/17/2017) |                     | 11/3/2016  |
| ED 331: Special Education Assessment (3 Credits).<br>(approved by VCAA-2/17/2017) |                     | 11/3/2016  |
| ED 332: English Language Arts Instruction and Intervention                        |                     | 11/3/2016  |

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| (3 Credits). (approved by VCAA-2/17/2017)  |            |
| ED 334: Participating in a Professional Community (3 Credits).<br>(approved by VCAA-2/17/2017)   | 11/3/2016  |
| ED 335: Educational Technology for the Inclusive Classroom<br>(3 Credits). (approved by VCAA-2/17/2017)  | 11/3/2016  |
| ED 336: Student Teaching Portfolio (3 Credits).<br>(approved by VCAA-4/17/2017)  | 3/9/2017   |
| HWST 105L: Mea Kanu Hawai'i: Hawaiian Ethnobotany<br>Laboratory (1 Credit)<br>(approved by VCAA-4/17/2017)   | 12/1/2016  |
| JPNS 51: Japanese for 1 <sup>st</sup> Time Learners (3 Credits).<br>(approved by VCAA-2/17/2017)   | 9/22/2016  |
| JPNS 151: Conversational Japanese (3 Credits).<br>(approved by VCAA-2/17/2017)   | 10/13/2016 |
| NEW 171: Principles of Process Quality (3 Credits).<br>(All NEW courses will be changed to IIT (Integrated Industrial<br>Technology), an alpha that currently does not exist in<br>KSCM but will be added in the near future.<br>(future designation: IIT 171)<br>(approved by VCAA-4/17/2017) | 3/7/2017   |
| NEW 101: Industrial Safety Health and Environment (3 Credits).<br>(future designation: IIT 101)<br>(approved by VCAA-4/17/2017)  | 3/7/2017   |
| NEW 131: Mechanical Drive Systems (3 Credits).<br>(future designation: IIT 131)<br>(approved by VCAA-4/17/2017)  | 3/7/2017   |
| NEW 121: Electro Hydraulics and Pneumatics<br>(Fluid Power Systems) (3 Credits).<br>(future designation: IIT 121)<br>(approved by VCAA-4/17/2017)  | 3/7/2017   |
| NEW 151: Rapid Prototyping (3 Credits).<br>(future designation: IIT 151)<br>(approved by VCAA-4/17/2017)   | 3/7/2017   |

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| NEW 201: AC/DC Circuits (4 Credits).<br>(future designation: IIT 201)<br>(approved by VCAA-4/17/2017)                           | 3/9/2017  |
| NEW 221: Programmable Logic control (4 Credits).<br>(future designation: IIT 221)<br>(approved by VCAA-4/17/2017)               | 3/9/2017  |
| NEW 231: Process Control and Instrumentation (4 Credits).<br>future designation: IIT 231)<br>(approved by VCAA-4/17/2017)       | 3/9/2017  |
| NEW 251: Motor and Motion Control (4 Credits).<br>(future designation: IIT 251)<br>(approved by VCAA-4/17/2017)                 | 3/9/2017  |
| NEW 205: Digital and Analog Circuits (4 Credits).<br>future designation: IIT 205)<br>(approved by VCAA-4/17/2017)               | 3/9/2017  |
| NEW 271: Distributed Control Systems (3 Credits).<br>(future designation: IIT 271)<br>(approved by VCAA-4/17/2017)              | 3/9/2017  |
| NEW 281: Supervisory Control and Data Acquisition (4 Credits).<br>(future designation: IIT 281)<br>(approved by VCAA-4/17/2017) | 3/9/2017  |
| SCI 295EN: STEM Research Experience in Engineering<br>(Variable 1 to 3 Credits).<br>(approved by VCAA-2/17/2017)                | 12/1/2016 |

**Course Modifications – effective date fall 2017**

| <b>Course Outline</b>  | <b>Title</b> | <b>Curriculum Committee Approval Date</b> |
|--|--------------|---|
| AG 170: Intro to Commercial Aquaponics (3 credits).<br>(approved by VCAA-4/17/2017)            |              | 12/8/2016                                 |
| AG 170L: Intro to Commercial Aquaponics Laboratory (1 Credit).<br>(approved by VCAA-4/17/2017) |              | 12/8/2016                                 |
| ART 107D: Intro to Digital Photography (3 Credits).<br>(approved by VCAA-2/17/2017)            |              | 9/15/2016                                 |

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| ART 175: Survey of Global Art I (3 Credits).<br>(approved by VCAA-4/17/2017)  | 10/27/2016 |
| ART 176: Survey of Global Art II (3 Credits).<br>(approved by VCAA-4/17/2017)   | 10/27/2016 |
| BIOC 141: Fundamentals of Biochemistry (3 Credits).<br>(approved by VCAA-4/17/2017)   | 12/8/2016  |
| BOT 101: General Botany (3 Credits).<br>(approved by VCAA-2/17/2017)  | 1/12/2017  |
| CHEM 151: Elementary Survey of Chemistry (3 Credits).<br>(approved by VCAA-2/17/2017)   | 1/5/2017   |
| CHEM 161: General Chemistry I (3 Credits).<br>(approved by VCAA-2/17/2-17)  | 12/8/2016  |
| DMED 122: Web Animation (3 Credits).<br>(approved by VCAA-4/17/2017)  | 3/2/2017   |
| DMED 130: Pre-Production for Digital Video (3 Credits).<br>(approved by VCAA-4/17/2017)   | 3/2/2017   |
| DMED 150: Film Analysis & Storytelling (3 Credits).<br>(approved by VCAA-4/17/2017)   | 3/2/2017   |
| ECON 120: Introduction to Economics (3 Credits).<br>(approved by VCAA-2/17/2017)  | 9/29/2016  |
| ECON 130: Principles of Microeconomics (3 Credits).<br>(approved by VCAA-2/17/2017)   | 11/10/2016 |
| ECON 131: Principles of Macroeconomics (3 Credits).<br>(approved by VCAA-2/17/2017)   | 11/10/2016 |
| ED 310A: Classroom Management within the Instructional<br>Process for CTE Teacher Candidates (3 Credits).<br>(approved by VCAA-2/17/2017) | 11/22/2016 |
| ED 311A: Foundations of Inclusion in Teaching for CTE Teacher<br>Candidates. (3 Credits).<br>(approved by VCAA-2/17/2017)                 | 11/22/2016 |

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| ED 312A: Educational Psychology for CTE Teacher Candidates (3 Credits). (approved by VCAA-2/17/2017)                                      | 11/22/2016 |
| ED 313A: Practicum I: Alternative Certification for CTE Teacher Licensure (1 Credit). (approved by VCAA-2/17/2017)                        | 11/22/2016 |
| ED 314B: Practicum II: Alternative Certification for CTE Teacher Licensure (1 Credit). (approved by VCAA-2/17/2017)                       | 11/22/2016 |
| ESL 1A: Beginning Speaking and Listening for Speakers of Other Languages (6 Credits) (approved by VCAA-4/17/2017)                         | 2/9/2017   |
| ESL 4A: Beginning English Grammar (3 Credits). (approved by VCAA-4/17/2017)   | 2/9/2017   |
| ESL 7B: High Intermediate Listening and Speaking For Speakers of other languages (6 Credits) (approved by VCAA-4/17/2017)                 | 2/9/2017   |
| ESL 10B: High Intermediate Grammar (3 Credits). (approved by VCAA-4/17/2017)  | 2/9/2017   |
| HIT 192: Professional Practice Experience and Registered Health Information Technician Exam Prep (3 Credits) (approved by VCAA-4/17/2017) | 12/8/2016  |
| HIT 215: Quality Management (3 Credits). (approved by VCAA-4/17/2017)   | 12/8/2016  |
| HWST 105: Mea Kanu Hawai`i: Hawaiian Ethnobotany (3 Credits). (approved by VCAA-2/17/2017)  | 12/1/2016  |
| HWST 107: Hawai`i: Center of the Pacific (3 Credits). (approved by VCAA-2/17/2017)  | 12/1/2016  |
| HWST 160: Hula Nei I (3 Credits). (approved by VCAA-4/17/2017)  | 12/8/2016  |
| HWST 291: Contemporary Hawaiian Issues (3 Credits). (approved by VCAA-2/17/2017)  | 12/1/2016  |
| ICS 110M: Intro to Programming (3 Credits). (approved by VCAA-2/17/2017)  | 10/20/2016 |

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| ICS 129: Intro to Databases (3 Credits).<br>(approved by VCAA-2/17/2017)                          | 10/27/2016 |
| ICS 141: Discrete Mathematics for Computer Science I (3 Credits).<br>(approved by VCAA-2/17/2017) | 11/17/2016 |
| ICS 151: Structured Database Programming (3 Credits).<br>(approved by VCAA-2/17/2017)             | 10/27/2016 |
| ICS 240: Operating Systems (3 Credits).<br>(approved by VCAA-2/17/2017)                           | 10/20/2016 |
| ICS 251: Advanced Database Programming (3 Credits).<br>(approved by VCAA-2/17/2017)               | 10/20/2016 |
| ICS 270: Systems Analysis (3 Credits).<br>(approved by VCAA-2/17/2017)                            | 12/1/2016  |
| ICS 281: Ethical Hacking (3 Credits).<br>(approved by VCAA-2/17/2017)                             | 10/20/2016 |
| ICS 282: Computer Forensics (3 Credits).<br>(approved by VCAA-2/17/2017)                          | 10/20/2016 |
| ICS 293D: Cooperative Education (3 Credits).<br>(approved by VCAA-2/17/2017)                      | 11/22/2016 |
| ME 213: Intro to Engineering Design (3 Credits).<br>(approved by VCAA-2/17/2017)                  | 10/27/2016 |
| PBT 141: Integrated Pest Management (3 Credits)<br>(approved by VCAA-2/17/2017)                   | 8/24/2016  |
| PBT 200: Intro to Plant Science (3 Credits)<br>(approved by VCAA-2/17/2017)                       | 8/24/2016  |
| PBT 200L: Intro to Plant Science Lab (1 Credit)<br>(approved by VCAA-2/17/2017)                   | 8/24/2016  |
| PBT 250: Tropical Landscaping (3 Credits).<br>(approved by VCAA-2/17/2017)                        | 11/3/2016  |
| PBT 251: Sustainable Crop Production (3 Credits)<br>(approved by VCAA-2/17/2017)                  | 8/24/2016  |

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| PBT 264: Intro to Horticulture and Plant Propagation (3 Credits)<br>(approved by VCAA-2/17/2017)       | 8/24/2016  |
| PBT 275: Intro to Crop Improvement (3 Credits).<br>(approved by VCAA-2/17/2017)                        | 11/3/2016  |
| PBT 290V: Plant Biology & Tropical Agriculture Internship (3 Credits).<br>(approved by VCAA-2/17/2017) | 11/3/2016  |
| PHIL 100: Intro to Philosophy (3 Credits).<br>(approved by VCAA-4/17/2017)                             | 12/8/2016  |
| PHIL 101: Intro to Philosophy: Morals and Society (3 Credits).<br>(approved by VCAA-2/17/2017)         | 9/29/2016  |
| PHIL 102: Intro to Philosophy :Asian Traditions (3 Credits)<br>(approved by VCAA-2/17/2017)            | 12/8/2016  |
| PHIL 110: Intro to Deductive Logic (3 Credits).<br>(approved by VCAA-2/17/2017)                        | 10/13/2016 |
| PHIL 211: Ancient Philosophy (3 Credits).<br>(approved by VCAA-2/17/2017)                              | 10/13/2016 |
| PHYS 100: Intro to Philosophy (3 Credits).<br>(approved by VCAA-2/17/2017)                             | 12/8/2016  |
| PHYS 170: General Physics I (3 Credits).<br>(approved by VCAA-2/17/2017)                               | 11/17/2016 |
| PHYS 170L: General Physics I Laboratory (1 Credits).<br>(approved by VCAA-2/17/2017)                   | 11/17/2016 |
| PHYS 172: General Physics II (3 Credits).<br>(approved by VCAA-2/17/2017)                              | 11/17/2016 |
| PHYS 272L: General Physics II Laboratory (1 Credit).<br>(approved by VCAA-2/17/2017)                   | 11/17/2016 |
| REL 151: Religion and the Meaning of Existence (3 Credits).<br>(approved by VCAA-2/17/2017)            | 12/8/2016  |
| REL 207: Understanding Buddhism (3 Credits).<br>(approved by VCAA-2/17/2017)                           | 1/12/2017  |



SP 151: Personal and Public Speech (3 Credits). 11/22/2016  
(approved by VCAA-2/17/2017)

THEA 101: Intro to Drama and Theatre (3 Credits). 9/29/2016  
(approved by VCAA-2/17/2017)

THEA 170: Intro to Children's Theatre (3 Credits). 9/29/2016  
(approved by VCAA-2/17/2017)

**Course modifications- effective date fall 2018**

MATH 241: Calculus I (4 Credits). 12/8/2016  
(approved by VCAA-2/14/2017)

MATH 242: Calculus II (4 Credits). 12/8/2016  
(approved by VCAA-2/14/2017)

MATH 243: Calculus III (3 Credits). 12/8/2016  
(approved by VCAA-2/14/2017)

MATH 244: Calculus IV (3 Credits). 12/8/2016  
(approved by VCAA-2/14/2017)

**Reviewed and approved by the Curriculum Committee, Faculty Senate, and The Dean of Arts and Sciences but sent back by the VCAA to the proposer for a revision before it is approved. The course is unapproved at this time.**

BOT 101L: Botany Laboratory (1 Credit). 1/12/2017

**Course modification reviewed and approved by the Curriculum Committee and the Faculty Senate but rejected by Leeward CC administration:**

MUS 166: American Popular Music (3 Credits)  
Administration Rationale: It should be resubmitted as an experimental course to show evidence of student interest in such a course before it is submitted for approval as a regular course.

**New Programs – effective date fall 2017**

**Program Outline    Program Title    Approval Date**

|          |   |          |
|----------|---|----------|
| CO-IIT   | Certificate of Competence-Integrated Industrial Technology<br>(approved by VCAA-3/23/2017)                    | 3/7/2017 |
| CA-IIT   | Certificate in Achievement-Integrated Industrial Technology<br>(approved by VCAA-3/23/2017)                   | 3/7/2017 |
| AS-IIT   | Associate in Science-Integrated Industrial Technology<br>(approved by VCAA-3/23/2017)                         | 3/9/2017 |
| APC-SPED | Advanced Professional Certificate<br>in Special Education Mild/Moderate PK-12<br>(approved by VCAA-3/23/2017) | 3/9/2017 |

**Program Modifications – effective date fall 2017**

| <b>Program Outline</b>           | <b>Program Title</b>   | <b>Approval Date</b> |
|----------------------------------|--|----------------------|
| ASC-ICS                          | Academic Subject Certificate in ICS<br>(approved by VCAA-2/7/2017)                                 | 12/1/2016            |
| AS-ICS                           | Associate in Science- ICS<br>(approved by VCAA-2/7/2017)   | 12/1/2016            |
| CA-ICS                           | Certificate of Achievement-ICS<br>(approved by VCAA-2/7/2017)                                      | 12/1/2016            |
| CA-Info Security aka CA-ICS-ISSP | Certificate of Achievement in Information Security<br>(approved by VCAA-2/7/2017)                  | 12/1/2016            |
| CO-TCH-ACTE                      | Certificate of Competence-<br>Alternative Certification in Teaching<br>(approved by VCAA-2/7/2017) | 11/22/2016           |
| CO-ICS-HDS                       | Certificate of Competence-Help Desk<br>(approved by VCAA-2/7/2017)                                 | 12/1/2016            |
| CA-Culinary Arts                 | Certificate of Achievement-<br>Culinary Arts<br>(approved by VCAA-1/18/2017)                       | 11/17/2016           |
| AS-DMED                          | Associate in Science-Digital Media<br>(approved by VCAA-4/18/2017)                                 | 3/2/2017             |

|              |  |          |
|--------------|--|----------|
| ASC-CM       | Academic Subject Certificate-Creative Media<br>(approved by VCAA-4/18/2017)    | 3/2/2017 |
| CO-DMED-WEBA | Certificate of Competence-<br>Web Architecture<br>(approved by VCAA-4/18/2017) | 3/2/2017 |
| CO-DMED-WEBD | Certificate of Competence-Wed Design<br>(approved by VCAA-4/18/2017)           | 3/2/2017 |

**Experimental Courses –effective date spring 2017**

| <b>Course Outline</b> | <b>Course title</b>   | <b>VCAA<br/>Approval Date</b> |
|-----------------------|---|-------------------------------|
| AG 197                | Intro to Commercial Aquaponics<br>(3 Credits)   | 10/31/2016                    |
| AG 197L               | Intro to Commercial Aquaponics Laboratory<br>(3 Credits)                                  | 10/31/2016                    |
| ASTR 298              | Astronomy Undergraduate Research Project<br>(1 Credit)                                    | 2/13/2017                     |
| MUS 197B              | Traditional West African Drumming and<br>Contemporary Performance Ensemble<br>(3 Credits) | 2/13/2017                     |

**Experimental Course- effective date summer 2017**

|         |   |          |
|---------|---|----------|
| SCI 297 | STEM Experience in Engineering<br>(Variable 1 to 3 Credits) | 5/1/2017 |
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**Experimental Course rejected**

HIST 297C The Bible as History (3 Credits)  
Administration Rationale: College needs to focus on courses that students need for transfer and graduation.

