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| *For Curriculum Office Use Only*  Date Submitted: 10/13/2017 Approval date by Faculty Senate and Provost: 12/04/2017  School: SM Division: BTEC Department: BTEC Catalog Year: 18/19 |

**Salt Lake Community College**

**Course Curriculum Outline (CCO)**

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**Faculty Contact**: Jean Bower

**Action**: Revised course

**Rationale for action; include what is being changed**:

Biotechnology is converting to a Competency-Based Education (CBE) format to provide students with flexible scheduling and self-paced learning. Program curriculum has been redesigned to better meet industry and transfer needs. BTEC 2030 is being reduced to only one credit, from two. This is because the simpler material, Aseptic Technique, has been moved to BTEC 1200 (1 credit), which will be required for both Certificate of Proficiency and AS students. Only AS students will have to take BTEC 2030 (Cell Culture, 1 credit). The course description and prerequisites have been updated to reflect these changes.

**If other than next catalog year, semester of implementation**:

Fall 2018

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**Course Prefix**: BTEC **Course Number**: 2030

**Course Title**: Cell Culture

**If different than above, Full Course Title**:

**Course Description**: *Students are taught methods of eukaryotic cell culture. Students learn proper technique to handle, store, and maintain cells in cultures.*

**Pre-Requisite(s)**: BTEC 1200 with a grade of B or better.

**Recommended Pre-Requisite(s)**: NA

**Co-Requisite(s)**: NA

**Recommended Co-Requisite(s)**: NA

**Other Registration Restriction(s)**: NA

**Semester(s) Taught**: all

**SLCC Equivalent Course(s)**: NA

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| **For Credit Courses** | **For Clock Hour Courses** |
| Credit hours: 1 | Clock hours: |
| Total contact hours: 2 | Billable hours: |
| Lecture: 0.5 | Total contact hours: |
| Lab: 1.5 |  |
| Other: |  |

**Can this course be repeated for additional credit?**

No

**Is this course designed for General Education?**

No

**Is there an equivalent (or potentially equivalent) course at other USHE institution(s)?**

BTEC 2030 at UVU (2 credits) encompasses SLCC’s BTEC 1200 and 2030.

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**Course Student Learning Outcomes mapped to** [**SLCC College-Wide Student Learning Outcomes**](https://www.slcc.edu/assessment/docs/GenEd_Unified_Learning_Outcomes_Spring2014.pdf)**.**

1. Acquire substantive knowledge 5. Become a community engaged learner
2. Communicate effectively 6. Work in a professional & constructive manner
3. Develop quantitative literacies 7. Develop computer & information literacy
4. Think critically & creatively 8. Develop lifelong wellness

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| **Course Learning Outcomes** | **SLCC CWSLO #** |
| The student maintains a cell line. | 1, 6 |
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See [SLCC Assessment webpage](http://www.slcc.edu/assessment/index.aspx) for additional details about College-Wide Student Learning Outcomes

**A representative syllabus must be included.**

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**How were AIC comments addressed by School Curriculum Committee?**

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| *For Catalog Office Use Only*  Course Level: Grading Mode:  Occupational Code: Classification:  Impact on other SLCC courses and/or programs: |

SLCC Curriculum & Articulation Office // template approved by Faculty Senate (2017-05-01)