COURSE & CURRICULUM COMMITTEE
Meeting Minutes
April 19, 2019

Present: B. deDie, D. Coates, D. Coblentz, P. Eagan, G. Fredericks, S. Hubbell, R. Kraas, S. Myers, A. Nord, B. Reynolds, H. Stevens, K. Sparrow, T. Sypris
Absent: P. Henning
Guests: B. Hay, A. Moss, B. Purdy, M. VanDonselaar

1. Call to Order – The meeting was called to order at 1:00 p.m.

2. Meeting Minutes of March 22, 2019 – The meeting minutes of March 22, 2019 were approved as presented.

3. Review/Revise/Approve Agenda – The agenda was approved as presented.

4. Announcements/Updates – None presented.

5. Business
   5.1 Course Inactivations (Effective Winter (202020)
      5.1.1 ACC 211: Spec Industry Record Keeping (3-3-0 Lecture/Discussion and 3-0-0 Blended)
      Background and justification information provided by A. Nord and S. Walman
      The outcomes of the course are narrow in nature and are no longer relevant in comparison to the broader outcomes of the program. Due to recent staffing changes, we no longer have an expert faculty member in this area.
      This course inactivation has been endorsed by the ACC faculty and advisory committee. After discussion it was MOVED, SECONDED, and CARRIED to endorse the recommendation as presented.

      5.1.2 ANM 201: Prof Practices in New Media (1-0-0 to 6-0-0 Independent Study)
      Background and justification information provided by B. Purdy and T. Hamann
      ANM 201 Professional Practices is a remnant course the initial Art and New media programs. This course has evolved and become less relevant over time. It is now a catch-all course for students that have returned to KVCC after a long period of absence and are in need of a course that is no longer offered. It is also utilized to accommodate students in need of a single course to graduate during a semester and their required course is not offered. This course is treated as an independent study for each registered student and provided in class instruction and face time. With the introduction of the ANM 282 Design Crew Merit Course, which was developed as a service learning capstone course option for the graphic design and web design students, the need has been felt for this same type of experience and option for students in the Animation & Game Art and Multimedia/Video programs. Hence the reason and request to replace ANM 201 Professional Practices in New Media with the new ANM 265 Cinematic Shorts.
      This course inactivation has been endorsed by the ANM faculty and advisory committee. After discussion it was MOVED, SECONCED, and CARRIED to endorse the recommendation as presented.

      5.1.3 ANM 298: System Projects (3-2-3 Lecture/Standard Lab)
      Background and justification information provided by B. Purdy and T. Hamann
      ANM 298 Systems Projects is a remnant course from the initial Web Design and Development program. This course has never run or been available for students to take. An additional course option is needed to fill in the current void and to provide students with the additional education and experience for their success. Hence the introduction of ANM 289 Web Design III as a capstone elective option with the ANM 282 Design Crew Merit Course.

This course inactivation has been endorsed by the ANM faculty and advisory committee. After discussion it was MOVED, SECONDED, and CARRIED to endorse the recommendation as presented.

5.1.4   ANM 299: Conceptual Studio Portfolio (3-2-3 Lecture/Standard Lab)
Background and justification information provided by B. Purdy and T. Hamann
ANM 299 Conceptual Studio Portfolio is the remnant capstone course from all of the initial Art and New media programs. This course has evolved and become less relevant over time and in need of refocus specifically for the illustration students. The need has been felt to redevelop a capstone option specific to helping illustration students prepare and develop a professional quality illustration portfolio based on their individual style and have a better understanding of the different types of illustration career paths. Hence the reason and request to replace ANM 299 Conceptual Studio Portfolio with the new ANM 285 Illustration Portfolio.
This course inactivation has been endorsed by the ANM faculty and advisory committee. After discussion it was MOVED, SECONDED, and CARRIED to endorse the recommendation as presented.

5.1.5   MATH 105: Culinary & Food Industry Math (3-3-0 Lecture/Standard Lab)
Background and justification information provided by B. Hay and P. Eagan
MATH 105 is being transferred to the Culinary Arts Department to allow for a better alignment with specific program competencies required by the American Culinary Federation Accreditation Commission. All references to MATH 105 will be changed to CUL 105 for all of the Culinary Arts certificates and degrees. Sustainable Brewing AAS degree will remove MATH 105 and place in a choice of either MATH 106 or BUS 102.
This course inactivation has been endorsed by the MATH and BREW faculty. After discussion it was MOVED, SECONDED, and CARRIED to endorse the recommendation as presented.

5.2 Course Revisions (Effective 202020)
5.2.1   ACC 108: Accounting with Peachtree (3-3-0 Lecture/Discussion) change title to Accounting with Sage 50
Background and justification information provided by S. Walman and A. Nord
The name of the accounting software product has change from Peachtree to Sage 50.
This course revision has been endorsed by the ACC faculty and advisory committee. After discussion it was MOVED, SECONDED, and CARRIED to endorse the recommendation as presented.

5.2.2   ANM 187: Web Design – change title to Web Design I
Background and justification information provided by B. Purdy and T. Hamann
The addition of Web Design III necessitates changing the titles of the beginning and advanced courses in this series for consistency.
This course revision has been endorsed by the ANM faculty and advisory committee. After discussion it was MOVED, SECONDED, and CARRIED to endorse the recommendation as presented.

5.2.3   ANM 287: Advanced Web Design – change title to Web Design II
Background and justification information provided by B. Purdy and T. Hamann
The addition of Web Design III necessitates changing the title of the beginning and advanced courses in this series for consistency.
This course revision has been endorsed by the ANM faculty and advisory committee. After discussion it was MOVED, SECONDED, and CARRIED to endorse the recommendation as presented.

5.2.4   BUS 132: Business Calculator Apps (2-0-6 Open Lab) – change strategy to (2-1-2 Lecture/Standard Lab) and (2-0-0 Online and Blended)

Background and justification information provided by R. Kraas
The current strategy for BUS 132 is Open Lab. The Lab supporting this course was discontinued. In order to be able to run the course, the strategy needs to be changed. This does not affect any programs of study because the credit total remains at 2 credits. Contact hours are reduced by half. This course revision has been endorsed by the BUS faculty and advisory committee. After discussion it was MOVED, SECONDED, and CARRIED to endorse the recommendation as presented.

5.2.5   RCP 130: Respiratory Care Sem/Clinic I (9-2-21 Lecture/Open Lab) – adjust strategy to (9-2-21 Lecture/3 Standard Lab/18 Clinic)
5.2.6   RCP 210: Respiratory Care Sem/Clinic II – adjust strategy to (8-2-18 Lecture/2.5 Standard Lab/15.5 Clinic)
5.2.7   RCP 225: Respiratory Care Sem/Clin III 9-2-21 (Lecture/Open Lab) – adjust strategy to (9-2-21 Lecture/3 Standard Lab/18 Clinic)

Items 5.2.5 – 5.2.7 - Background and justification information provided by A. Moss

Each of the above courses historically has had a Lecture/Open Lab strategy. The students spend one day in lecture and lab per week. A small portion of the contact hours is spent a structured lab setting. The remaining contact hours are spent in an assigned clinic.

The program proposes modifying the strategy to Lecture/Standard Lab/Clinic. This strategy is similar the strategy used by the Nursing program. With Simulation, the students are scheduled in much more formal labs/simulations each week. An instructor staffs the lab for the entire lab period. A standard lab/clinical strategy would be more aligned with the program's current laboratory and clinical practices.

The program proposes a slight decrease in the lecture hours and increased in the standard lab clinic hours for RCP 210. The laboratory portion of this fall semester course prepares second-year students for the Winter Semester. In the Winter Semester, they have the highest level of adult, neonatal and pediatric critical care. The program would like to have more hands-on simulation opportunities in fall prior to the Winter Semester Clinic.

In addition to aligning the strategy to current practice, the Standard Lab/Clinic Strategy will help alleviate potential staffing issues. The Adjunct Faculty Contract does not have a pay strategy for open lab. In the Winter Semester, the RCP 130 and RCP 225 courses have a very heavy IU load. The IU's associated with open lab can only be assigned to a full time faculty member.

The program first realized this was an issue when Rod Albrecht retired. The college correctly limited Megan VanDonselaar's load as a new faculty member her first year. This meant that Al Moss had to take an exceptionally high IU load. With Al Moss's pending retirement, the program will face these same staffing issues in the 2019-2020 Academic Year. The program will have a new faculty member and will need to limit the load of onboarding faculty member.

The Lecture/Standard Lab/Clinic Strategy would allow the program to assign some standard labs and/or clinic responsibilities to part-time faculty.

These course revisions have been endorsed by the RCP faculty and advisory committee. After discussion it was MOVED, SECONDED, and CARRIED to endorse the recommendation as presented.

5.3 New Courses (Effective 202020)
     5.3.1   ANM 265: Cinematic Shorts (3-2-3 Lecture/Standard Lab)

Background and justification information provided by B. Purdy and T. Hamann

ANM 201 Professional Practices is a remnant course the initial Art and New media programs. This course has evolved and become less relevant over time. It is now a catch-all course for students that have returned to KVCC after a long period of absence and are in need of a course that is no longer offered. It is also utilized to accommodate students in need of a single course to graduate during a semester and their required course is not offered. This course is treated as an independent study for each registered student and provided in class instruction and face time. With the introduction of the ANM 282 Design Crew Merit Course, which was developed as a service learning capstone course option for the graphic design and web design students, the need has been felt for the this same type of experience and option for students in the Animation & Game Art and Multimedia/Video programs. Hence the reason and request to replace ANM 201 Professional Practices in New Media with the new ANM 265 Cinematic Shorts.

This new course has been endorsed by the ANM faculty and advisory committee. After discussion it was MOVED, SECONDED, and CARRIED to endorse the recommendation as presented.

5.3.2   ANM 285: Illustration Portfolio (3-2-3 Lecture/Standard Lab)
Background and justification information provided by B. Purdy and T. Hamann

ANM 299 Conceptual Studio Portfolio is the remnant capstone course from all of the initial Art and New media programs. This course has evolved and become less relevant over time and in need of refocus specifically for the illustration students. The need has been felt to redevelop a capstone option specific to helping illustration students prepare and develop a professional quality illustration portfolio based on their individual style and have a better understanding of the different types of illustration career paths. Hence the reason and request to replace ANM 299 Conceptual Studio Portfolio with the new ANM 285 Illustration Portfolio.

This new course has been endorsed by the ANM faculty and advisory committee. After discussion it was MOVED, SECONDED, and CARRIED to endorse the recommendation as presented.

5.3.3   ANM 289: Web Design III (3-2-3 Lecture/Standard Lab)
Background and justification information provided by B. Purdy and T. Hamann

ANM 298 Systems Projects is a remnant course from the initial Web Design and Development program. This course has never run or been available for students to take. An additional course option is needed to fill in the current void and to provide students with the additional education and experience for their success. Hence the introduction of ANM 289 Web Design III as a capstone elective option with the ANM 282 Design Crew Merit Course.

This new course has been endorsed by the ANM faculty and advisory committee. After discussion it was MOVED, SECONDED, and CARRIED to endorse the recommendation as presented.

5.3.4   CUL 105: Culinary & Food Industry Math (3-3-0 Lecture/Discussion)
Background and justification information provided by B. Hay

The course is being transferred to the Culinary Arts Department to allow for a better alignment with specific program competencies required by the American Culinary Federation Accreditation Commission. All references to MATH 105 will be changed to CUL 105 for all of the Culinary Arts certificate and degrees.

This new course has been endorsed by the CUL faculty and advisory committee. After discussion it was MOVED, SECONDED, and CARRIED to endorse the recommendation as presented.

5.4 Program Inactivations – None presented

5.5 Program Revisions

5.5.1 ACC: Accounting AAS
Program changes accommodate the addition of BUS 106/108/109 as "or" option for BUS 103, BUS 201 or BUS 203 (+3 cr); the removal of ACC 211 requirement (-3 cr) and changes of title of ACC 108, second level English(3 cr) requirement to BUS 160 required and ENG 110 or 160 required.
This program revision has been endorsed by the ACC faculty and advisory committee.
After discussion it was MOVED, SECONDED, and CARRIED to approve the revisions as discussed.
Tabled - Addition of BUS 102 Math for Business & Industry and Social Science electives.

5.5.2 AGA.AAS: Animation & Game Art AAS
Program changes accommodate the addition of ANM 265 (new as "or" option for ANM 231 instead and the removal of ANM 201 (inactivated). No change to overall credit total.
This program revision has been endorsed by the ANM faculty and advisory committee.
After discussion it was MOVED, SECONDED, and CARRIED to approve the revisions as presented.

5.5.3 BA.AAS: Business Administration
Program changes accommodate the addition of TRS 104: First Year Experience to the list of Business Electives. No change to overall credit total.
This program revision has been endorsed by the BUS faculty and advisory committee.
After discussion it was MOVED, SECONDED, and CARRIED to approve the revisions as presented.

5.5.4 BP.CERT: Baking & Pastries CERT
Program changes accommodate the addition of CUL 105 (new) and the removal of MATH 105 (inactivated). No change to overall credit total.
This program revision has been endorsed by the CUL faculty and advisory committee.
After discussion it was MOVED, SECONDED, and CARRIED to approve the revisions as presented.

5.5.5 CAF: Culinary Arts Sustainable Food AAS
Program changes accommodate the addition of CUL 105 and the removal of MATH 105.   No change to overall credit total.
This program revision has been endorsed by the CUL faculty and advisory committee.
After discussion it was MOVED, SECONDED, and CARRIED to approve the revisions as presented.

5.5.6 CAF.CERT: Culinary Arts Sustainable Food CERT
Program changes accommodate the addition of CUL 105 and the removal of MATH 105. No change to overall credit total.
This program revision has been endorsed by the CUL faculty and advisory committee.
After discussion it was MOVED, SECONDED, and CARRIED to approve the revisions as presented.

5.5.7 IL.AAS: Illustration AAS
Program changes accommodate the addition of ANM 285 (new) as "or" option for ANM 282. No change to overall credit total.
This program revision has been endorsed by the ANM faculty and advisory committee.
After discussion it was MOVED, SECONDED, and CARRIED to approve the revisions as presented.

5.5.8 MMV.AAs: Multi-Media/Video AAS
Program changes accommodate the addition of ANM 265 (new) and the removal of ANM 201 (inactivated) and ANM 282 ("or" options). No change to overall credit total.
This program revisions has been endorsed by the ANM faculty and advisory committee.
After discussion it was MOVED, SECONDED, and CARRIED to approve the revisions as presented.

5.5.9   SB.AAS: Sustainable Brewing AAS
   Program changes accommodate the addition of MATH 106 or BUS 102 and the removal of MATH 105. No change to overall credit total.
   This program revision have been endorsed by the CUL faculty and advisory committee.
   After discussion it was MOVED, SECONDED, and CARRIED to approve the revisions as presented.

5.5.10 WDD.AAS: Web Design & Development AAS
   Program changes accommodate the addition of ANM 289 as "or" option for ANM 282, the removal of ANM 298 as "or" option for ANM 282 and changes to titles of ANM 187 and ANM 287. No changes to overall credit total.
   This program revision has been endorsed by the ANM faculty and advisory committee.
   After discussion it was MOVED, SECONDED, and CARRIED to approve the revisions as presented.

5.6 New Programs – None presented

5.7 Other
   5.7.1   Implementation of New Master Syllabus – B. deDie reported on work to pull together workshops to help with the transition to the new syllabus and next steps. To be further discussed at the May 17th meeting.

6. Informational Pieces – None presented.

7. Next Meeting - May 17, 2019 at 1 PM in Room 4380.

8. Adjourn – The meeting adjourned at 2:00 p.m.

Future Agenda Items:
- FRL 130, Beginning Spanish I, 2-2-0 (Lecture/Discussion) – Inactivation

Board Approved Date	Effective Term	Program Code
	202020	ACC

ACCOUNTING
Associate of Applied Science

Program Requirements (45 credits)

Course #		Title	Credits	
ACC	101	Principles of Accounting 1	4	
ACC	102	Principles of Accounting 2	4	
ACC	103	Accounting with QuickBooks	3	
ACC	108	Accounting with Sage 50	3	
ACC	109	Intro to Corporate Accounting	3	
ACC	202	Acct/Computerized Spreadsheets	3	
ACC	204	Business Taxation	3	
ACC	205	Accounts Payable/Receivable	3	
~~ACC~~	~~211~~	~~Spec Industry Record Keeping~~	~~3~~	
BUS	201	Business Law	3	– OR
BUS	203	Human Resources Management	3	
ACC	220	Financial Accounting	4	
ACC	278	Accounting Internship	3	
BUS	101	Business Principles/Practices	3	
BUS	103	Business Computer Applications	3	– OR
BUS	106	Basic Excel	1	– AND
BUS	108	Basic Access	1	– AND
BUS	109	Basic Word	1	
BUS	207	Organizational Behavior	3	

General Education Requirements (18 - 19 credits)

Course #		Title	Credits	
		~~English/Communication~~	~~6~~	
BUS	160	Business Writing Skills	3	
ENG	110	College Writing I	3	– OR
ENG	160	College Writing & Research	4	
		Mathematics	4	
		Political Science[1]	3	
		Social Science	3	
		Wellness/Physical Education[2]	2	

Total Credits 63-64

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[1] Political Science Elective (3) = **PSI** 100, 101, 102

[2] WPE Elective (2) = **WPE** @

ANIMATION & GAME ART
Associate of Applied Science

Program Requirements (48 credits)

Course #		Title	Credits	
ANM	100	Adobe Creative Suite	3	
ANM	103	History Animation/Gaming/TBM	3	
ANM	111	2D Animation	3	
ANM	120	Bus Practices/Creative Careers	3	
ANM	131	3D Animation I	3	
ANM	132	Character Design	3	
ANM	142	Adobe Photoshop	3 – OR	
ANM	143	Adobe Illustrator	3	
ANM	171	Video Production	3	
ANM	172	Audio Production	3	
ANM	173	Storyboarding	3	
~~ANM~~	~~201~~	~~Prof Practices in New Media~~	~~3~~	~~OR~~
ANM	219	Experimental Animation	3	
ANM	231	3D Animation II	3 – OR	
ANM	265	Cinematic Shorts	3	
ANM	250	Digital Painting	3 – OR	
ANM	251	Drawing Human Figure Motion	3	
ART	101	2D Design & Color Theory	3	
ART	103	Drawing & Composition I	3	
ART	212	Life Drawing	3	

General Education Requirements (18-19 credits)

Course #		Title	Credits	
COM	101	Public Speaking	3	
ENG	110	College Writing I	3 – OR	
ENG	160	College Writing & Research	4	
ENG	112	Writing for the Workplace	3 – OR	
COM	113	Interpersonal Communication	3	
MATH	115	Math for the Liberal Arts	4	
		Social Science[3]	3	
		Wellness/Physical Education[4]	2	

Total Credits 66 – 67

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[3] Social Science Elective (3) = **AGF** 110; **ECO** 110, 201, 202, 240; GEO 102; **HRY** 100, 101, 102, 103, 104, 207, 210, 212, 200, 230, 240, 251, 252, 260; **HUM** 150; **PSI** 100, 101, 102, 201, 202, 250; **PSY** 150, 160, 170, 190, 240, 250, 260; **SOC** 102, 103, 105, 106, 170, 200, 201, 202, 205, 207, 261, 273

[4] WPE Elective (2) = **WPE** @

BAKING & PASTRIES
Certificate

Program Requirements

Course #		Title	Credits	
AGF	105	Food Industry Career Planning	2	
AGF	110	Intro Sustainable Food Systems	3	
CUL	100	Food Safety Essentials	2	
CUL	105	Culinary & Food Industry Math	3	
CUL	106	The Science of Food		3
CUL	130	Purchasing Practices		2
CUL	210	Baking & Dessert Fundamentals	4	
CUL	211	Advanced Pastry Shop	3	
CUL	212	Breads & Rolls	3	
CUL	213	Cake Baking & Decorating		3
CUL	214	Pies, Teacakes & Cookies		3
CUL	215	Quantity Bakery Operations		3
~~MATH 105~~		~~Culinary & Food Industry Math~~	~~3~~	
WPE	130	Nutrition for Health		3

Total Credits 37

BUSINESS ADMINISTRATION
Associate of Applied Science

Program Requirements (44 credits)

Course #		Title	Credits	
ACC	101	Principles of Accounting 1		4
BUS	101	Business Principles/Practices		3
BUS	103	Business Computer Applications		3 – OR
BUS	106	Basic Excel		1 – AND
BUS	108	Basic Access		1 – AND
BUS	109	Basic Word		1
BUS	105	Principles of Marketing	3	
BUS	201	Business Law		3
BUS	207	Organizational Behavior		3
BUS	263	Supervision		3
BUS	278	Business Internship		3
COM	101	Public Speaking	3 – OR	
COM	210	Fundamental Prof Communication		3
		Program Electives[5]		16

General Education Requirements (18-19 credits)

Course #		Title	Credits	
BUS	102	Math for Business & Industry		4
BUS	160	Business Writing Skills	3	
ECO	202	Microeconomics		3
ENG	110	College Writing I		3 – OR
ENG	160	College Writing & Research		4
		Political Science[6]		3
		Wellness/Physical Education[7]		2

Total Credits 62 - 63

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[5] Program Electives (16) = **BUS** 115, 119, 123, 203, 210, 212, 215, 218, 219, 240, 241; **CIS** 115, 170; **MATH** 116, 120, 216, 220; **TRS 104**

[6] Political Science Elective (3) = **PSI** 100, 101, 102

[7] WPE Elective (2) = **WPE** any

CULINARY ARTS SUSTAINABLE FOOD
Associate of Applied Science

Program Requirements (52 credits)

Course #		Title		Credits
AGF	105	Food Industry Career Planning	2	
AGF	110	Intro Sustainable Food Systems	3	
AGF	120	Summer/Fall Crops Practicum	2	
AGF	140	Winter Crops Practicum	2	
AGF	210	Sustainable Food Syst/Practice	2	
CUL	100	Food Safety Essentials	2	
CUL	106	The Science of Food		3
CUL	120	Culinary Foundations I	3	
CUL	125	Culinary Foundations II	3	
CUL	130	Purchasing Practices		2
CUL	170	Food Preservation		2
CUL	200	Menus for Diet & Health		3
CUL	210	Baking & Dessert Fundamentals	4	
CUL	220	Fast Casual Café Production		4
CUL	230	Fast Casual Café & Event Ops	4	
CUL	240	Restaurant Dinner Production		4
CUL	250	Restaurant Service & Mgmt		4
CUL	275	Culinary Internship		3

General Education Requirements (12-13 credits)

Course #		Title		Credits
CUL	105	Culinary & Food Industry Math	3	
ENG	110	College Writing I		3 – OR
ENG	160	College Writing & Research		4
ENG	112	Writing for the Workplace		3 – OR
COM	210	Fundamental Prof Communication		3
MATH	105	~~Culinary & Food Industry Math~~	~~3~~	
WPE	130	Nutrition for Health		3

Total Credits 64-65

CULINARY ARTS SUSTAINABLE FOOD
Certificate

Program Requirements

Course #		Title		Credits
AGF	105	Food Industry Career Planning	2	
AGF	110	Intro Sustainable Food Systems	3	
CUL	100	Food Safety Essentials	2	
CUL	105	Culinary & Food Industry Math	3	
CUL	106	The Science of Food		3
CUL	120	Culinary Foundations I	3	
CUL	125	Culinary Foundations II	3	
CUL	210	Baking & Dessert Fundamentals	4	
CUL	220	Fast Casual Café Production		4
CUL	230	Fast Casual Café & Event Ops	4	
~~MATH~~	~~105~~	~~Culinary & Food Industry Math~~	~~3~~	
WPE	130	Nutrition for Health		3

Total Credits 34

ILLUSTRATION
Associate of Applied Science

Program Requirements (48 credits)

Course #		Title	Credits	
ANM	100	Adobe Creative Suite		3
ANM	101	History of Illustration		3
ANM	120	Bus Practices/Creative Careers	3	
ANM	142	Adobe Photoshop		3
ANM	143	Adobe Illustrator		3
ANM	173	Storyboarding		3
ANM	250	Digital Painting	3 – OR	
ANM	251	Drawing Human Figure Motion	3	
ANM	256	Concept Development		3
ANM	282	Design Crew Merit Course		3 – OR
ANM	285	Illustration Portfolio		3
~~ANM~~	~~299~~	~~Conceptual Studio Portfolio~~		~~3~~
ART	101	2D Design & Color Theory		3
ART	103	Drawing & Composition I		3
ART	105	Painting I		3
ART	140	Watercolor		3
ART	203	Drawing & Composition II		3
ART	204	Colored Pencil		3 – OR
ART	205	Advanced Painting		3
ART	212	Life Drawing		3

General Education Requirements (18-19 credits)

Course #		Title	Credits	
ENG	110	College Writing I		3 – OR
ENG	160	College Writing & Research		4
ENG	112	Writing for the Workplace		3 – OR
COM	113	Interpersonal Communication		3
COM	101	Public Speaking	3	
MATH	115	Math for the Liberal Arts		4
		Social Science[8]	3	
		Wellness/Physical Education[9]		2

Total Credits 66-67

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[8] Social Science Elective (3) = **AGF** 110; **ECO** 110, 201, 202, 240; **GEO** 102; **HRY** 100, 101, 102, 103, 104, 207, 210, 212, 220, 230, 240, 251, 252, 260; **HUM** 150; **PSI** 100, 101, 102, 201, 202, 250; **PSY** 150, 160, 170, 190, 240, 250, 260; **SOC** 102, 103, 105, 106, 170, 200, 201, 202, 205, 207, 261, 273
[9] WPE Elective (2) = **WPE** any

MULTI-MEDIA/VIDEO
Associate of Applied Science

Program Requirements (48 credits)

Course #		Title	Credits	
ANM	100	Adobe Creative Suite	3	
ANM	103	History Animation/Gaming/TBM	3	
ANM	120	Bus Practices/Creative Careers	3	
ANM	142	Adobe Photoshop	3	
ANM	171	Video Production	3	
ANM	172	Audio Production	3	
ANM	173	Storyboarding	3	
ANM	174	Script Writing	3	
ANM	186	Multimedia	3	
~~ANM~~	~~201~~	~~Prof Practices in New Media~~	~~3~~	OR
~~ANM~~	~~282~~	~~Design Crew Merit Course~~	~~3~~	
ANM	211	Motion Graphics & Comics	3	
ANM	219	Experimental Animation	3 – OR	
ART	219	Studio Lighting	3	
ANM	265	Cinematic Shorts	3	
ANM	271	Advanced Video Production	3	
ART	101	2D Design & Color Theory	3	
ART	133	Intro to Digital Photography	3	
ART	215	Advanced Digital Photography	3	

General Education Requirements (18-19 credits)

Course #		Title	Credits	
ENG	110	College Writing I	3 – OR	
ENG	160	College Writing & Research	4	
ENG	112	Writing for the Workplace	3 – OR	
COM	113	Interpersonal Communications	3	
COM	101	Public Speaking	3	
MATH	115	Math for the Liberal Arts	4	
		Social Science[10]	3	
		Wellness/Physical Education[11]	2	

Total Credits 66-67

Board Approved Date	Effective Term	Program Code
	202020	SB.AAS

SUSTAINABLE BREWING
Associate of Applied Science

Program Requirements (44-45 credits)

Course #	Title	Credits

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[10] Social Science Elective (3) = **AGF** 110; **ECO** 110, 201, 202, 240; **GEO** 102; **HRY** 100, 101, 102, 103, 104, 207, 210, 212, 220, 230, 240, 251, 252, 260; **HUM** 150; **PSI** 100, 101, 102, 201, 202, 250; **PSY** 150, 160 170, 190, 240, 250, 260; **SOC** 102, 103, 105, 106, 170, 200, 201, 202, 205, 207, 261, 273

[11] WPE Elective (2) = **WPE** @

ACC	101	Principles of Accounting 1		4 – OR
BUS	101	Business Principles/Practices		3
AGF	105	Food Industry Career Planning	2	
AGF	110	Intro Sustainable Food Systems	3	
AGF	120	Summer/Fall Crops Practicum	2 – OR	
AGF	140	Winter Crops Practicum	2	
BREW	100	Introduction to Brewing	2	
BREW	110	History,Culture&Sustainability	2	
BREW	130	Materials, Malting & Mashing	3	
BREW	140	Recipe, Process & Technology	4	
BREW	151	Biochemistry of Brewing		2
BREW	152	Microbiology of Brewing		2
BREW	160	Styles Sensory & Food Pairing	3	
BREW	170	Fermenting & Finishing Tech		3
BREW	225	Brewing Practicum		2
BREW	230	Packaging & Distribution		3
BREW	250	Brewing Quality Control		2
BREW	275	Brewing Internship		3
Program Electives[12]			3	

General Education Requirements (20-21 credits)

Course #		Title		Credits
BUS	102	Math for Business & Industry		4 – OR
MATH	106	Technical Mathematics	4	
CHM	100	Fundamentals of Chemistry		4 – OR
CHM	120	General Chemistry I		4
ENG	110	College Writing I		3 – OR
ENG	160	College Writing & Research		4
ENG	112	Writing for the Workplace		3 – OR
COM	210	Fundamental Prof Communication		3
~~MATH~~	~~105~~	~~Culinary & Food Industry Math~~	~~3~~	
WPE	130	Nutrition for Health		3
Political Science[13]			3	

Total Credits: 64-65

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[12] Program Elective (3) = **ACC** 101, 102; **AGF** 120, 140; **ANM** 100; **BUS** 101, 115; **CUL** 106, 130; **EDMT** 103; **WELD** 120
[13] Political Science Elective (3) = **PSI** 100, 101, 102

WEB DESIGN/DEVELOPMENT
Associate of Applied Science

Program Requirements (48 credits)

Course #		Title	Credits	
ANM	100	Adobe Creative Suite		3
ANM	102	History Graphic & Web Design	3	
ANM	120	Bus Practices/Creative Careers	3	
ANM	140	Typography		3 – OR
ANM	141	Graphic Design	3	
ANM	142	Adobe Photoshop		3
ANM	143	Adobe Illustrator		3 – OR
ART	133	Intro to Digital Photography		3
ANM	186	Multimedia		3
ANM	187	Web Design I		3
ANM	282	Design Crew Merit Course		3 – OR
ANM	289	Web Design III	3	
ANM	298	~~System Projects~~	~~3~~	
ANM	287	Web Design II		3
ART	101	2D Design & Color Theory		3
ART	103	~~Drawing & Composition I~~		~~3~~
CIS	170	Web Page Coding w/Dreamweaver		3
CIS	174	JavaScript		3
CIS	193	PHP with MySQL		3
CIS	270	Advanced Web Page Coding		3

General Education Requirements (18-19 credits)

Course #		Title	Credits	
ENG	110	College Writing I		3 – OR
ENG	160	College Writing & Research		4
ENG	112	Writing for the Workplace		3 – OR
COM	113	Interpersonal Communications	3	
COM	101	Public Speaking	3	
MATH	115	Math for the Liberal Arts		4
		Social Science[14]	3	
		Wellness/Physical Education[15]		2

Total Credits 66-67

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[14] Social Science Elective (3) = **AGF** 110; **ECO** 110, 201, 202, 240; **GEO** 102; **HRY** 100, 101, 102, 103, 104, 207, 210, 212, 220, 230, 240, 251, 252, 260; **HUM** 150; **PSI** 100, 101, 102, 201, 202, 250; **PSY** 150, 160 170, 190, 240, 250, 260; **SOC** 102, 103, 105, 106, 170, 200, 201, 202, 205, 207, 261, 273

[15] WPE Elective (2) = **WPE** any