

**Curriculum Summary Report
December 2018**

Title	Total Credit min	Total Credit max	Lecture min	Lecture max	Lab min	Lab max	Effective Term	Effective Year	Justification
New Courses									
CS 120 - Computer Science Principles	5.		5.				Fall	2019	<p>There are a number of distinct reasons to offer this course. Many of our students interested in Computer Science are not fully prepared to take our CS 142/143 series as seen in the relatively high drop rates experienced in 2017-2018. Many scientific disciplines have a pre-major or introductory course to provide those students who require it an introduction to the subject to learn some of the important concepts within the discipline while also encouraging some of the students to pursue a degree pathway in that discipline. CS 142 instructors often report anecdotally that there is a bimodal distribution in this course based on previous student programming experience. Some students are able to jump directly into CS 142, but others lack the required background to be successful. The lack of a precursor to the CS142/143 series is putting many of our students at a competitive disadvantage and creates a barrier to their academic success and future pathway plans. Additionally, many CS 142 students who have struggled with the course have requested a predecessor to help. CS 120 would not be a pre-requisite for CS 142, but an opportunity for students to explore and gain the necessary skills to be successful in CS 142 if they choose to pursue a pathway requiring additional computer science courses. Additionally, this course would provide TCC with an equivalent course for our students who have earned AP credit for Computer Science Principles in high school which aligns with recent legislation concerning AP Credit (RCW 28B.10.054 Credit policies for AP exams—Reports). Finally, the Computer Science Principles curriculum framework is meant to engage traditionally underrepresented students in computer science and to develop future leaders in STEM fields, which aligns well with TCC's mission and the goal of TCC's MESA Program. The Computer Science Principles course learning outcomes are adapted from the AP Learning Objectives as implemented by UW Seattle CSE 120 (one of the five nationwide pilot institutions for Computer Science Principles). The CLOs map well onto the Engineering PLOs.</p> <p>Prerequisite: ENGL/ 095 with a minimum grade of C and (either MATH 090 with a minimum grade of C or MATH 093 with a minimum grade of C) or equivalent assessment in these areas.</p>
EMC 117 - Prehospital Emergency Pharmacology	3.		3.				Summer	2019	<p>This course is being developed as part of an overall curriculum realignment within the paramedic program as approved by the EMS Advisory Committee. Our end of program assessment data, as well as the successful completion scores for the national certification exam all of our program graduates must take in order to become credentialed, shows a slight decrease in the scores for pharmacology. Our own student feedback has indicated that a separate and distinct course in pharmacology would be a welcome addition and better prepare students for the credentialing exam. This course development is in response to this assessment and feedback.</p>
EMC 118 - Human Body Systems	3.		3.				Summer	2019	<p>This course is being developed as part of an overall curriculum realignment within the paramedic program as approved by the EMS Advisory Committee. Our end of program assessment data, as well as the successful completion scores for the national certification exam all of our program graduates must take in order to become credentialed, shows a slight decrease in the scores for ECG interpretation. Our own student feedback has indicated that a separate and distinct course in anatomy and physiology, and life span development would be a welcome addition and better prepare students for the credentialing exam. This course development is in response to this assessment and feedback.</p>
EMC 218 - Basic Electrocardiography	4.		4.				Fall	2019	<p>This course is being developed as part of an overall curriculum realignment within the paramedic program as approved by the EMS Advisory Committee. Our end of program assessment data, as well as the successful completion scores for the national certification exam all of our program graduates must take in order to become credentialed, shows a slight decrease in the scores for ECG interpretation. Our own student feedback has indicated that a separate and distinct course in electrocardiography would be a welcome addition and better prepare students for the credentialing exam. This course development is in response to this assessment and feedback.</p> <p>Prerequisite: EMC 116 and EMC 117 and EMC 118 Corequisite: EMC 130 and EMC 225 and EMC 230</p>

Title	Total Credit min	Total Credit max	Lecture min	Lecture max	Lab min	Lab max	Effective Term	Effective Year	Justification
EMC 219 - Advanced Electrocardiography	2.		2.				Winter	2020	<p>This course is being developed as part of an overall curriculum realignment within the paramedic program as approved by the EMS Advisory Committee. Our end of program assessment data, as well as the successful completion scores for the national certification exam all of our program graduates must take in order to become credentialed, shows a slight decrease in the scores for 12-lead ECG interpretation. Our own student feedback has indicated that a separate and distinct course in 12-lead ECG interpretation would be a welcome addition and better prepare students for the credentialing exam. This course development is in response to this assessment and feedback.</p> <p>Prerequisite: EMC 218 with a minimum grade of C and EMC 230 with a minimum grade of C and EMC 130 and EMC 225</p> <p>Corequisite: EMC 131 and EMC 220 and EMC 226 and EMC 231</p>
EMC 220 - Management of Traumatic Injuries and Special Populations	2.		2.				Winter	2020	<p>This course is being developed as part of an overall curriculum realignment within the paramedic program as approved by the EMS Advisory Committee. Historically the paramedic training program curriculum has been delivered in a 12 credit class that incorporated both didactic and lab. In order for students, instructors and administrators to navigate course load and content, we are realigning the curriculum to break apart the 12 credits into component classes and separate lab into a stand alone course. This course is the traumatic injuries and special populations didactic portion of the second quarter of instruction and will replace the current EMC 120.</p> <p>Prerequisite: EMC 218 with a minimum grade of C and EMC 230 with a minimum grade of C and EMC 130 and EMC 225</p> <p>Corequisite: EMC 131 and EMC 219 and EMC 226 and EMC 231</p>
EMC 225 - Paramedic Skills Lab I	3.				3.		Fall	2019	<p>This course is being developed as part of an overall curriculum realignment within the paramedic program as approved by the EMS Advisory Committee. Historically the paramedic training program curriculum has been delivered in a 12 credit class that incorporated both didactic and lab. In order for students, instructors and administrators to navigate course load and content, we are realigning the curriculum to break apart the 12 credits into component classes and separate lab into a stand alone course. This course is the medical emergencies skills lab portion of the second quarter of instruction and will replace the current EMC 120.</p> <p>Prerequisite: EMC 116 and EMC 117 and EMC 118</p> <p>Corequisite: EMC 130 and EMC 218 and EMC 230</p>

Title	Total Credit min	Total Credit max	Lecture min	Lecture max	Lab min	Lab max	Effective Term	Effective Year	Justification
EMC 226 - Paramedic Skills Lab II	3.				3.		Winter	2020	<p>This course is being developed as part of an overall curriculum realignment within the paramedic program as approved by the EMS Advisory Committee. Historically the paramedic training program curriculum has been delivered in a 12 credit class that incorporated both didactic and lab. In order for students, instructors and administrators to navigate course load and content, we are realigning the curriculum to break apart the 12 credits into component classes and separate lab into a stand alone course. This course is the medical emergencies skills lab portion of the third quarter of instruction and will replace the current EMC 121.</p> <p>Prerequisite: EMC 218 with a minimum grade of C and EMC 230 with a minimum grade of C and EMC 130 and EMC 225 Corequisite: EMC 131 and EMC 219 and EMC 220 and EMC 231</p>
EMC 227 - Paramedic Skills Lab III	3.				3.		Spring	2020	<p>This course is being developed as part of an overall curriculum realignment within the paramedic program as approved by the EMS Advisory Committee. Historically the paramedic training program curriculum has been delivered in a 12 credit class that incorporated both didactic and lab. In order for students, instructors and administrators to navigate course load and content, we are realigning the curriculum to break apart the 12 credits into component classes and separate lab into a stand alone course. This course is the medical emergencies skills lab portion of the fourth quarter of instruction and will replace the current EMC 122.</p> <p>Prerequisite: EMC 219 with a minimum grade of C and EMC 220 with a minimum grade of C and EMC 231 with a minimum grade of C and EMC 131 and EMC 226 Corequisite: EMC 132 and EMC 232 and EMC 240</p>
EMC 230 - Medical Emergencies I	6.		6.				Fall	2019	<p>This course is being developed as part of an overall curriculum realignment within the paramedic program as approved by the EMS Advisory Committee. Historically the paramedic training program curriculum has been delivered in a 12 credit class that incorporated both didactic and lab. In order for students, instructors and administrators to navigate course load and content, we are realigning the curriculum to break apart the 12 credits into component classes and separate lab into a stand alone course. This course is the medical emergencies didactic portion of the second quarter of instruction and will replace the current EMC 120.</p> <p>Prerequisite: EMC 116 and EMC 117 and EMC 118 Corequisite: EMC 130 and EMC 218 and EMC 225</p>
EMC 231 - Medical Emergencies II	3.		3.				Winter	2020	<p>This course is being developed as part of an overall curriculum realignment within the paramedic program as approved by the EMS Advisory Committee. Historically the paramedic training program curriculum has been delivered in a 12 credit class that incorporated both didactic and lab. In order for students, instructors and administrators to navigate course load and content, we are realigning the curriculum to break apart the 12 credits into component classes and separate lab into a stand alone course. This course is the medical emergencies didactic portion of the third quarter of instruction and will replace the current EMC 121.</p> <p>Prerequisite: EMC 218 with a minimum grade of C and EMC 230 with a minimum grade of C and EMC 130 and EMC 225 Corequisite: EMC 131 and EMC 219 and EMC 220 and EMC 226</p>

Title	Total Credit min	Total Credit max	Lecture min	Lecture max	Lab min	Lab max	Effective Term	Effective Year	Justification
EMC 232 - Medical Emergencies III	3.		3.				Spring	2020	<p>This course is being developed as part of an overall curriculum realignment within the paramedic program as approved by the EMS Advisory Committee. Historically the paramedic training program curriculum has been delivered in a 12 credit class that incorporated both didactic and lab. In order for students, instructors and administrators to navigate course load and content, we are realigning the curriculum to break apart the 12 credits into component classes and separate lab into a stand alone course. This course is the medical emergencies didactic portion of the fourth quarter of instruction and will replace the current EMC 122.</p> <p>Prerequisite: EMC 219 with a minimum grade of C and EMC 220 with a minimum grade of C and EMC 231 with a minimum grade of C and EMC 131 and EMC 226 Corequisite: EMC 132 and EMC 227 and EMC 240</p>
EMC 240 - Paramedic Crisis Resource Management	2.		2.				Spring	2020	<p>This course is being developed as part of an overall curriculum realignment within the paramedic program as approved by the EMS Advisory Committee. Our end of program assessment data, as well as the successful completion scores for the national certification exam all of our program graduates must take in order to become credentialed, shows a slight decrease in the scores for ECG interpretation. Our own student feedback has indicated that a separate and distinct course in crisis resource management would be a welcome addition and better prepare students for the credentialing exam. This course development is in response to this assessment and feedback.</p> <p>Prerequisite: EMC 219 with a minimum grade of C and EMC 220 with a minimum grade of C and EMC 231 with a minimum grade of C and EMC 131 and EMC 226 Corequisite: EMC 132 and EMC 227 and EMC 232</p>
HSP 218 - Trauma Informed Care	5.		5.				Fall	2019	<p>Addiction, homelessness, criminality, mental health disorders, learning disabilities, childhood behavior difficulties – all of these have one common connection – TRAUMA. The emotional, physical, and psychological reactions are not the problem – those are symptoms of traumatic adaptations. Trauma is pervasive in our society today and it is essential that Human Services professionals have an understanding of what trauma is and how to address it in populations they work with. This course will also address strategies for maintaining profession and personal well-being.</p> <p>(HSP 100 with a minimum grade of C and HSP 103 with a minimum grade of C and HSP 112 with a minimum grade of C and HSP 113 with a minimum grade of C and HSP 117 with a minimum grade of C) or Instructor Permission</p>
Modified Courses									

Title	Total Credit min	Total Credit max	Lecture min	Lecture max	Lab min	Lab max	Effective Term	Effective Year	Justification
AESL 071 - Integrated AESL - Level 1A	3.	15.	3.	15.			Spring	2019	<p>Course number change due to invalid course number (AESL 011A) in the original proposal.</p> <p>Changed course fee to \$1 per credit.</p> <p>Prerequisite: (AESL 072 and Permission Code) or (CASAS Reading score of 180 or below and CASAS Listening score of 180 or below and Writing Sample at Level 1 or higher and Permission Code)</p>
AESL 072 - Integrated AESL - Level 1B	3.	15.	3.	15.			Spring	2019	<p>Course number change due to invalid course number (AESL 011B) in the original proposal</p> <p>Changed course fee to \$1 per credit.</p> <p>Prerequisite: (AESL 071 and Permission Code) or (CASAS Reading score of 180 or below and CASAS Listening score of 180 or below and Writing Sample at Level 1 or higher and Permission Code)</p>
AESL 073 - Integrated AESL - Level 2A	3.	15.	3.	15.			Spring	2019	<p>Course number change due to invalid course number (AESL 012A) in the original proposal</p> <p>Prerequisite: (AESL 071 with a minimum grade of C and AESL 072 with a minimum grade of C and Permission Code) or (CASAS Reading score of 181 to 190 and CASAS Listening Score of 181-189 and Writing Sample at Level 2 or higher and Permission Code)</p>
AESL 074 - Integrated AESL - Level 2B	3.	15.	3.	15.			Spring	2019	<p>Course number change due to invalid course number (AESL 012B) in the original proposal</p> <p>Changed course fee to \$1 per credit.</p> <p>Prerequisite: (AESL 071 with a minimum grade of C and AESL 072 with a minimum grade of C and Permission Code) or (CASAS Reading Score of 181 to 190 and CASAS Listening Score of 181 to 189 and Writing Sample Level 2 or higher and Permission Code)</p>

Title	Total Credit min	Total Credit max	Lecture min	Lecture max	Lab min	Lab max	Effective Term	Effective Year	Justification
AESL 075 - Integrated AESL - Level 3A	3.	15.	3.	15.			Spring	2019	Course number change due to invalid course number (AESL 013A) in the original proposal Prerequisite: (AESL 073 with a minimum grade of C and AESL 074 with a minimum grade of C and Permission Code) or (CASAS Reading Score of 191-200 and CASAS Listening Score of 190-199 and Writing Sample Level 3 or higher and Permission Code)
AESL 076 - Integrated AESL - Level 3B	3.	15.	3.	15.			Spring	2019	Course number change due to invalid course number (AESL 013B) in the original proposal Prerequisite: (AESL 073 with a minimum grade of C and AESL 074 with a minimum grade of C and Permission Code) or (CASAS Reading Score of 191-200 and CASAS Listening Score of 190-199 and Writing Sample Level 3 or higher and Permission Code)
AESL 077 - Integrated AESL - Level 4A	3.	15.	3.	15.			Spring	2019	Course number change due to invalid course number (AESL 014A) in the original proposal Prerequisite: (AESL 075 with a minimum grade of C and AESL 076 with a minimum grade of C and Permission Code) or (CASAS Reading Score of 201 - 210 and CASAS Listening Score of 200 - 209 and Writing Sample Level 4 or higher and Permission Code)
AESL 078 - Integrated AESL - Level 4B	3.	15.	3.	15.			Spring	2019	Course number change due to invalid course number (AESL 014B) in the original proposal Prerequisite: (AESL 075 with a minimum grade of C and AESL 076 with a minimum grade of C and Permission Code) or (CASAS Reading Score of 201 - 210 and CASAS Listening Score of 200 - 209 and Writing Sample Level 4 or higher and Permission Code)

Title	Total Credit min	Total Credit max	Lecture min	Lecture max	Lab min	Lab max	Effective Term	Effective Year	Justification
AESL 081 - Integrated AESL - Level 5A	3.	15.	3.	15.			Spring	2019	Course number change due to invalid course number (AESL 015A) in the original proposal Prerequisite: (AESL 077 with a minimum grade of C and AESL 078 with a minimum grade of C and Permission Code) or (CASAS Reading Score of 211 - 220 and CASAS Listening Score of 210 - 218 and Writing Sample Level 5 or higher and Permission Code)
AESL 082 - Integrated AESL - Level 5B	3.	15.	3.	15.			Spring	2019	Course number change due to invalid course number (AESL 015B) in the original proposal Prerequisite: (AESL 077 with a minimum grade of C and AESL 078 with a minimum grade of C and Permission Code) or (CASAS Reading Score of 211 - 220 and CASAS Listening Score of 210 - 218 and Writing Sample Level 5 or higher and Permission Code)
AESL 083 - Integrated AESL - Level 6A	3.	15.	3.	15.			Spring	2019	Course number change due to invalid course number (AESL 016A) in the original proposal Prerequisite: (AESL 081 with a minimum grade of C and AESL 082 with a minimum grade of C and Permission Code) or (CASAS Reading Score of 221 to 235 and CASAS Listening Score of 219 to 227 and Writing Sample Level 6 or higher and Permission Code)
AESL 084 - Integrated AESL - Level 6B	3.	15.	3.	15.			Spring	2019	Course number change due to invalid course number (AESL 016B) in the original proposal Prerequisite: (AESL 081 with a minimum grade of C and AESL 082 with a minimum grade of C and Permission Code) or (CASAS Reading Score of 221 to 235 and CASAS Listening Score of 219 to 227 and Writing Sample Level 6 or higher and Permission Code)
New Awards									
Bachelors of Applied Science in IT Networking – Information Systems and Technology Degree									