



## The University of Arizona - Yuma Engineering Management 2019-2020 IVC Curriculum Check List



A. General Education Requirement						Status
IGETC-CSU						Approved
CSU GEB- English 201 Required in Area A.3						Approved
Recommendation: Use lower division major prep to fulfill general education pattern requirements.						
B. Lower Division Major Requirements						
Category	U of A Course	IVC Equivalent	Articulation Status	IGETC-CSU	CSUGEB	Notes
Composition						
First Year Composition	ENGL 101	ENGL 110	Approved	Area 1A	Area A2	Equivalent Course
First Year Composition	ENGL 102	ENGL 201	Approved	Area 1B	Area A3	Equivalent Course
Mathematics						
Calculus I with Applications	MATH 122B	MATH 192	Approved	Area 2	Area B4	Equivalent Course
Calculus II	MATH 129	MATH 194	Approved	Area 2	Area B4	Equivalent Course
Calculus Vector Calculus	MATH 223	MATH 210	Approved	Area 2	Area B4	Equivalent Course
Science						
General Chemistry I	CHEM 152	CHEM 200	Approved	Area 5A & 5C	Area B1 & B3	Equivalent Course
General Chemistry II	CHEM 152	CHEM 202	Approved	Area 5A & 5C	Area B1 & B3	Equivalent Course
Introductory Mechanics	PHYS 141	PHYS 200	Approved	Area 5A & 5C	Area B1 & B3	Equivalent Course
Intro. Electricity and Magnetism	PHYS 241	PHYS 202	Approved	Area 5A & 5C	Area B1 & B3	Equivalent Course
Engineering						
Programming for Engineers	CSC 110	CS 221	Approved	N/A	N/A	Equivalent Course
Statics	CE 214	ENGR 210	Pending	N/A	N/A	Under Review
Intro to Engineering	ENGR 102	Fall & Spring AWC: EGR 188 (Prerequisites: Pre-calculus or College Algebra and Trig or approved higher level math course)				
Intro to Electrical Engineering	ECE 207	Spring AWC: EGR 207 (Prerequisite/Co-requisite: Differential Equations and Physics – Electricity and Magnetism)				
Elements of Chem Engineering I	CHEE 201	Complete at U of A Yuma (Prerequisites: CHEM 202 & MATH 194 Completed or Co-requisite)				
Systems & Industrial Colloq.	SIE 295S	Complete at U of A Yuma (Prerequisite: SIE 265)				
Mathematical Foundations	SIE 270	Complete at U of A Yuma ( Prerequisites: Math 194 & PHYS 200 & CS 221)				

- During the semester an academic advisor for all University of Arizona – Yuma program advisor is available weekly at the Imperial Valley College Transfer Center.
- To schedule an appointment with a Univ. of Arizona advisor on the IVC Campus, please call 760 355 6274 or stop by the IVC Transfer Center in Building 100.
- Articulation Status: Any IVC course not currently earning “Approved” status is still under review and will be accepted at the discretion of the university department. An articulated course is offered at Arizona Western College. Please see the Univ. of Arizona Academic Advisor for additional information.
- Students desiring an IVC associate degree should work with an IVC counselor to determine the degree that will best suit their academic and career goals.