



The University of Arizona - Yuma
Civil Engineering
2020-2021 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 or 204	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
Ordinary Differential Equations	MATH 254	MATH 220	Approved	Area 2	Area B4	Equivalent Course
Science						
Biology I or Physical Science	MCB 181/181L or GEOS 251	BIOL 180 or GEOL 100	Approved Approved	Area 5B & 5C Area 5B & 5C	Area B2 & B3 Area B2 & B3	Equivalent Course Equivalent Course
General Chemistry I	CHEM 152	CHEM 200	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 or General Chemistry II	PHYS 241 or CHEM 152	PHYS 202 or CHEM 202	Approved Approved	Area 5B & 5C Area 5B & 5C	Area B1 & B3 Area B1 & B3	Equivalent Course Equivalent Course
Engineering						
Intro to Engineering	ENGR 102A	AWC: EGR 188 (Prerequisites: IVC MATH 190 or MATH 150 and MATH 140 or approved higher level math course)				
Engineering Economics	EGR 211P	Complete at U of A Yuma (Prerequisites: IVC MATH 194 and U of A ENGR 102)				
Dynamics	EGR 211I	IVC: ENGR 212 (Articulation Pending)				
Engineering Graphics	CE 210	Complete at U of A Yuma (Prerequisites: None)				
Statics	CE 214	IVC: ENGR 210 (Articulation Pending)				
Mechanics of Solids	CE 215	Complete at U of A Yuma (Prerequisite: IVC ENGR 210)				
Mechanics and Fluids	CE 218	Complete at U of A Yuma (Prerequisite: IVC ENGR 210)				
Elementary Surveying	CE 251	AWC: EGR 270 (Prerequisites: IVC MATH 140 or higher level course)				
Computer Programming in C.E.	CE 260	Complete at U of A Yuma (Prerequisite: IVC MATH 210)				

Online Advising is available:

To schedule an online appointment with a Univ. of Arizona advisor please contact:
 IVC Transfer Center Office Assistant Edgar Espinoza at 760 355 6274 or email at edgar.espinoza@imperial.edu

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.