

Academic Map: Engineering Technology: Unmanned Systems – Unmanned Aviation Systems Technology (AAS)

Associate of Applied Science (A.A.S) | 63 Total Credits | CSN Degree Code: ETUSAST-AAS | Catalog Year: 2022-2023 |

Computing and Engineering Technologies Advanced and Applied Technologies Department of Applied Technologies

Jobs and Employment Information: https://www.csn.edu/cetarea

DESCRIPTION: This degree is designed specifically for students who have a desire to work in unmanned aviation system (UAS) related careers.

TERM 1 – TOTAL CREDIT HOURS: 15	Credits	Pre-Requisite/Co-Requisite	<u>Area</u>	Min Grade	Milestones and Notes
ET 111B or MATH 127 or above	3	Depends on course chosen	GE Math	С	
AV 110B Private Pilot Ground School	4	None	Special Prog AVI	С	
ET 131B or MT 102B	4	None	Special Prog EET	C	
ET 212B Digital Logic	4	None	Special Prog EET	C	Mandatory Advising Required
TERM 2 – TOTAL CREDIT HOURS: 15-20	Credits	Pre-Requisite/Co-Requisite	<u>Area</u>	Min Grade	Milestones and Notes
COM 115 Applied Communications	3	None	GE Com	С	
ENG 100 or 101 or 107 or 110 or 113	3-5	ACT/SAT/ Placement Score	GE ENG	С	
AV 112B Human Factors and Safety	3	None	Special Prog AVI	С	3
ALS 101 College Success	3	None	GE Human Rel	С	
IS 115 Introduction to Programming	3	C or up in ET 111B or C or up in MATH 116 or	Special Prog CIT	С	
	ib I	higher			
IS 100B or IS101 ¹	0-3	None	Digital Literacy	С	Mandatory Advising Required
TERM 3 – TOTAL CREDIT HOURS: 16	Credits	Pre-Requisite/Co-Requisite	<u>Area</u>	Min Grade	Milestones and Notes
TERM 3 – TOTAL CREDIT HOURS: 16 CIT 131 Beginning C Programming	Credits 3	<u>Pre-Requisite/Co-Requisite</u> IS 115 or Instructor Approval	<u>Area</u> Special Prog CIT	Min Grade C	Milestones and Notes
					Milestones and Notes
CIT 131 Beginning C Programming	3	IS 115 or Instructor Approval	Special Prog CIT	С	Milestones and Notes
CIT 131 Beginning C Programming CIT 180 Database Concepts and SQL	3	IS 115 or Instructor Approval IS 115 or Instructor Approval	Special Prog CIT Special Prog CIT	C C	Milestones and Notes
CIT 131 Beginning C Programming CIT 180 Database Concepts and SQL EGG 131 and EGG 131L	3 3 4	IS 115 or Instructor Approval IS 115 or Instructor Approval ET 111B or MATH 116 or up (ex-MATH 122/123)	Special Prog CIT Special Prog CIT GE Nat Science	С С С	Milestones and Notes
CIT 131 Beginning C Programming CIT 180 Database Concepts and SQL EGG 131 and EGG 131L	3 3 4	IS 115 or Instructor Approval IS 115 or Instructor Approval ET 111B or MATH 116 or up (ex-MATH 122/123) ET 111B or MATH 127 and C or up in ET 131B or B	Special Prog CIT Special Prog CIT GE Nat Science	C C C	Milestones and Notes Mandatory Advising Required
CIT 131 Beginning C Programming CIT 180 Database Concepts and SQL EGG 131 and EGG 131L ET 282B Microprocessors	3 3 4 3	IS 115 or Instructor Approval IS 115 or Instructor Approval ET 111B or MATH 116 or up (ex-MATH 122/123) ET 111B or MATH 127 and C or up in ET 131B or B or up in MT 102B	Special Prog CIT Special Prog CIT GE Nat Science Special Prog EET	с с с	3
CIT 131 Beginning C Programming CIT 180 Database Concepts and SQL EGG 131 and EGG 131L ET 282B Microprocessors	3 3 4 3	IS 115 or Instructor Approval IS 115 or Instructor Approval ET 111B or MATH 116 or up (ex-MATH 122/123) ET 111B or MATH 127 and C or up in ET 131B or B or up in MT 102B Depends on course chosen Pre-Requisite/Co-Requisite	Special Prog CIT Special Prog CIT GE Nat Science Special Prog EET Spec Prog Elec Area	с с с	3
CIT 131 Beginning C Programming CIT 180 Database Concepts and SQL EGG 131 and EGG 131L ET 282B Microprocessors Spec Prog Elective – See advisor/counselor	3 3 4 3	IS 115 or Instructor Approval IS 115 or Instructor Approval IS 115 or Instructor Approval ET 111B or MATH 116 or up (ex-MATH 122/123) ET 111B or MATH 127 and C or up in ET 131B or B or up in MT 102B Depends on course chosen	Special Prog CIT Special Prog CIT GE Nat Science Special Prog EET Spec Prog Elec	С С С С	Mandatory Advising Required
CIT 131 Beginning C Programming CIT 180 Database Concepts and SQL EGG 131 and EGG 131L ET 282B Microprocessors Spec Prog Elective – See advisor/counselor TERM 4 – TOTAL CREDIT HOURS: 17	3 3 4 3 3 <u>Credits</u>	IS 115 or Instructor Approval IS 115 or Instructor Approval ET 111B or MATH 116 or up (ex-MATH 122/123) ET 111B or MATH 127 and C or up in ET 131B or B or up in MT 102B Depends on course chosen Pre-Requisite/Co-Requisite	Special Prog CIT Special Prog CIT GE Nat Science Special Prog EET Spec Prog Elec Area	C C C C	Mandatory Advising Required
CIT 131 Beginning C Programming CIT 180 Database Concepts and SQL EGG 131 and EGG 131L ET 282B Microprocessors Spec Prog Elective – See advisor/counselor TERM 4 – TOTAL CREDIT HOURS: 17 EGG 132 Technical Physics II	3 4 3 3 <u>Credits</u> 4	IS 115 or Instructor Approval IS 115 or Instructor Approval IS 115 or Instructor Approval ET 111B or MATH 116 or up (ex-MATH 122/123) ET 111B or MATH 127 and C or up in ET 131B or B or up in MT 102B Depends on course chosen Pre-Requisite/Co-Requisite ET 131B	Special Prog CIT Special Prog CIT GE Nat Science Special Prog EET Spec Prog Elec Area GE Nat Science	C C C C	Mandatory Advising Required
CIT 131 Beginning C Programming CIT 180 Database Concepts and SQL EGG 131 and EGG 131L ET 282B Microprocessors Spec Prog Elective – See advisor/counselor TERM 4 – TOTAL CREDIT HOURS: 17 EGG 132 Technical Physics II FA/HUM/SS Elective – See advisor/counselor	3 3 4 3 Credits 4 3	IS 115 or Instructor Approval IS 115 or Instructor Approval IS 115 or Instructor Approval ET 111B or MATH 116 or up (ex-MATH 122/123) ET 111B or MATH 127 and C or up in ET 131B or B or up in MT 102B Depends on course chosen Pre-Requisite/Co-Requisite ET 131B Depends on course chosen	Special Prog CIT Special Prog CIT GE Nat Science Special Prog EET Spec Prog Elec Area GE Nat Science GE FA/HUM'SS	C C C C Min Grade C	Mandatory Advising Required
CIT 131 Beginning C Programming CIT 180 Database Concepts and SQL EGG 131 and EGG 131L ET 282B Microprocessors Spec Prog Elective – See advisor/counselor TERM 4 – TOTAL CREDIT HOURS: 17 EGG 132 Technical Physics II FA/HUM/SS Elective – See advisor/counselor PSC 101 Intro to American Politics	3 3 4 3 Credits 4 3 4	IS 115 or Instructor Approval IS 115 or Instructor Approval IS 115 or Instructor Approval ET 111B or MATH 116 or up (ex-MATH 122/123) ET 111B or MATH 127 and C or up in ET 131B or B or up in MT 102B Depends on course chosen Pre-Requisite/Co-Requisite ET 131B Depends on course chosen None	Special Prog CIT Special Prog CIT GE Nat Science Special Prog EET Spec Prog Elec Area GE Nat Science GE FA/HUM'SS US/NV Cons	C C C C Min Grade C C	Mandatory Advising Required

¹Students who complete IS 101 will complete a total of 66 credits for this degree.