



# Academic Map: Computing and Information Technology: Software Web Development

**Associate of Applied Science (A.A.S) | 61 Total Credits | CSN Degree Code: CITSWD-ASS | Catalog Year: 2021-2022 |**

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

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

**DESCRIPTION:** This degree prepares students for employment in fields related primarily to website development and Web application development.

## **TERM 1 – TOTAL CREDIT HOURS: 15-18**

	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>	<b><u>Area</u></b>	<b><u>Min Grade</u></b>	<b><u>Milestones and Notes</u></b>
ET 111B or MATH 120 or above*	3	ACT/SAT or Placement	GE Math	C	*Except MATH 122/123
ENG 100 or 101 or 107 or 110 or 113	3	ACT/SAT or ENG Place Score; or C or up in ENG 98 or ESL 139	GE ENG Comp	C	
Human Rel Elect – see advisor/counselor	3	Depends on course chosen	GE Human Rel	C	
IS 101 Intro to Information Systems	0-3	None	Digital Literacy	C	
CIT 112B Network+	3	None	Special Prog Req	C	
Spec Prog Elective – see advisor/counselor	3	Depends on Course chosen	SP Elective	C	Mandatory Advising Required

## **TERM 2 – TOTAL CREDIT HOURS: 15**

	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>	<b><u>Area</u></b>	<b><u>Min Grade</u></b>	<b><u>Milestones and Notes</u></b>
Nat Science Elec – see advisor/counselor	3	Depends on course chosen	GE Nat Science	C	
CIT 151 Beginning Web Development	3	IS 100B or IS 101 or Instructor Approval	Special Prog Req	C	
CIT 160 Intro to Computer Security	3	IS 100B or IS 101 or Instructor Approval	Special Prog Req	C	
CIT 263 Project Management	3	IS 100B or IS 101 and a C or up in ENG100 or above or COM 101 or above or Instructor Approval	Special Prog Req	C	
IS 115 Introduction to Programming	3	C or up in MATH 95 or higher or C or up in ET 11B or ACT/SAT or Placement	Special Prog Req	C	Mandatory Advising Required

## **TERM 3 – TOTAL CREDIT HOURS: 15**

	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>	<b><u>Area</u></b>	<b><u>Min Grade</u></b>	<b><u>Milestones and Notes</u></b>
CIT 130 Beginning Java	3	IS 115 or Instructor Approval	Special Prog Req	C	
CIT 180 Database Concepts and SQL	3	IS 115 or Instructor Approval	Special Prog Req	C	
CIT 152 Web Script Lang Prog	3	IS 115 and CIT 151 or Instructor Approval	Special Prog Req	C	
CIT 251 Adv Web Development	3	CIT 151 or Instructor Approval	Special Prog Req	C	
Spec Prog Elective – see advisor/counselor	3	CSCO 120	SP Elective	C	Mandatory Advising Required

## **TERM 4 – TOTAL CREDIT HOURS: 16**

	<b><u>Credits</u></b>	<b><u>Pre-Requisite/Co-Requisite</u></b>	<b><u>Area</u></b>	<b><u>Min Grade</u></b>	<b><u>Milestones and Notes</u></b>
FA/HUM/SS Elective – See advisor/counselor	3	Depends on course chosen	GE FA/Hum/SS	C	
COM 115 Applied Communications	3	None	GE Com	C	
PSC 101 or HIST 100	4	None	GE US/NV Cons	C	
CIT 154 Dynamic Web Applications	3	IS 100B or IS 101 or Instructor Approval	Special Prog Req	C	
CIT 252 Web Database Development	3	CIT 151 or Instructor Approval	Special Prog Req	C	Apply for Graduation

