



# Academic Map: (AAS) Computing and Information Technology: Software Web Development

**Associate of Applied Science (A.A.S) | 61 Total Credits<sup>1</sup> | CSN Degree Code: CITSWD-AAS | Catalog Year: 2022-2023 |**

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 <i>ACT/SAT or Placement</i>	GE Math	C	*Except MATH 122/123
ENG 100 or 101 or 107 or 110 or 113	3 <i>ACT/SAT or ENG Place Score; or C or up in ENG 98 or ESL 139</i>	GE ENG Comp	C	
Human Rel Elect – see advisor/counselor IS 100B or IS 101 <sup>1</sup>	3 <i>Depends on course chosen</i>	GE Human Rel	C	
CIT 112B Network+	0-3 <i>None</i>	Digital Literacy	C	
Spec Prog Elective – see advisor/counselor	3 <i>Depends on Course chosen</i>	Special Prog Req SP Elective	C 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 <i>Depends on course chosen</i>	GE Nat Science	C	
CIT 151 Beginning Web Development	3 <i>IS 100B or IS 101 or Instructor Approval</i>	Special Prog Req	C	
CIT 160 Intro to Computer Security	3 <i>IS 100B or IS 101 or Instructor Approval</i>	Special Prog Req	C	
CIT 263 Project Management	3 <i>IS 100B or IS 101 and a C or up in ENG100 or above or COM 101 or above or Instructor Approval</i>	Special Prog Req	C	
CIT 129 Introduction to Programming	3 <i>C or up in MATH 95 or higher or C or up in ET 11B or ACT/SAT or Placement</i>	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 <i>CIT 129 or Instructor Approval</i>	Special Prog Req	C	
CIT 180 Database Concepts and SQL	3 <i>CIT 129 or Instructor Approval</i>	Special Prog Req	C	
CIT 152 Web Script Lang Prog	3 <i>CIT 129 and CIT 151 or Instructor Approval</i>	Special Prog Req	C	
CIT 251 Adv Web Development	3 <i>CIT 151 or Instructor Approval</i>	Special Prog Req	C	
Spec Prog Elective – see advisor/counselor	3 <i>CSCO 120</i>	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 <i>Depends on course chosen</i>	GE FA/Hum/SS	C	
COM 115 Applied Communications	3 <i>None</i>	GE Com	C	
HIST 100 or PSC 101	4 <i>None</i>	GE US/NV Cons	C	
CIT 154 Dynamic Web Applications	3 <i>IS 100B or IS 101 or Instructor Approval</i>	Special Prog Req	C	
CIT 252 Web Database Development	3 <i>CIT 151 or Instructor Approval</i>	Special Prog Req	C	Apply for Graduation

<sup>1</sup>Students who complete IS 101 will complete a total of 64 credits for this degree.

