COMPUTER SCIENCE
Associate of Science Degree   **AL, AN, LO, MA, WO**

Purpose: The curriculum is designed primarily for students who wish to transfer to a four-year college or university to complete the baccalaureate degree in Computer Science. The curriculum emphasizes the study of the science of computing and the use of computing in a scientific setting.

Transfer Information: Students are advised to work closely with the faculty and counseling staff for program and course scheduling. Electives should be chosen carefully to meet requirements of transfer institution. The responsibility for proper course selection rests with the student.

Recommended Preparation: Satisfactory completion of the following high school units or equivalent: 4 units of English and 4 units of college preparatory mathematics.

Two Years		Credits
1st Semester		
CSC	100 Intro. to Computer Usage	1
CSC	201 Computer Science I	4
ENG	111 College Composition I	3
MTH	173 Calculus with Analytic Geom. I	5
[1]___	Social Science Elective	3
SDV	Elective	1
	Total	**17**
2nd Semester		
CSC	202 Computer Science II	4
[2]ENG	112 College Composition II	3
MTH	174 Calculus with Analytic Geom. II	5
[3]PED116	Lifetime Fitness & Wellness	1
[1]___	Social Science Elective	3
	Total	**16**
3rd Semester		
CSC	206 Assembly Language	3
[4]___	Natural Science/Lab Elective	4
[1]___	Social Science Elective	3
SPD	110 Intro. to Speech Communication	3
	Total	**13**
4th Semester		
CSC	205 Computer Organization	3
[5]___	General Elective	3
[6]___	Humanities/Fine Arts Elective	3
[4]___	Natural Science/Lab Elective	4
[2]PED/RPK		1
	Total	**14**

Total credits for the A.S. Degree in Computer Science = 60.

[1] The social science elective may be selected from the economics, geography, history, political science, psychology, or sociology (includes anthropology) courses listed on page 54. All electives should be selected in conjunction with an advisor and after examining the requirements at the transfer institution.

[2] ENG 125 may be substituted with the advice of a counselor or faculty advisor according to requirements of transfer institutions.

[3] The PED requirement may be met by one of the following options: PED 116, 2 cr.; PED 116, 1 cr. plus a PED activities course, 1 cr.; or PED 116, 1 cr. plus RPK activities course. PED 116 is offered as both a 1-credit and a 2-credit course.

[4] The science elective may be selected from biology, chemistry (excluding CHM 101-102), physics, geology, or natural science courses with a lab component, listed on pages 54-55. Some four-year colleges require a two-semester sequence.

[5] General elective should be selected in conjunction with an advisor and after examining the requirements at the transfer institution.

[6] The humanities/fine arts elective may be selected from list on page 54. Elective should be selected with advice of a counselor or faculty advisor to meet requirements of transfer institution.