



Computer Science

Associate of Applied Science (AAS) Degree Program

Division of Business & Information Technology

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It is the mission of the Computer Science Department to prepare students to solve real world problems using both communication skills and technology tools. The department also seeks to prepare students for computer industry certificates and to encourage graduates to demonstrate ethical behavior in the computing sciences. Blackfeet Community College will support these elements by adopting the following plan of study for Computer Science.

The Learning Outcomes from the Computer Science degree program are as follows:

- ▣ Design, create, edit, deploy and administer dynamic web sites that include links, graphics, sound tables, forms, and style sheets using common editors.
- ▣ Design, create, edit, deploy and administer databases.
- ▣ Analyze, design, and document from conception to development of final application.
- ▣ Set up operating systems and troubleshoot software.
- ▣ Use business-oriented computer software programs such as Microsoft Word, Excel, Access and PowerPoint.
- ▣ Knowledge of integrated business applications.
- ▣ Create, manage, and modify databases.
- ▣ Create, manage, and modify spreadsheets.
- ▣ Create, manage, and modify word processing documents.
- ▣ Develop web sites and other forms of design.
- ▣ Collaborate in various roles typical in web and design work.
- ▣ Write, control and troubleshoot XHTML and CSS in orders to create effective and current web pages using industry standard applications.
- ▣ Employ and master graphical editing and animation techniques using industry standard applications.

Students majoring in Computer Science are required to take the Vocational General Core Requirements 1 – 5 for an Associate of Applied Science (AAS) Degree program on page 11-18 as well as the following major core courses in CORE 6 & CORE 7:

Core 6 – Computer Technology				18 Credits Required	
Course #	Name of Course	Offered	Credits	Semester Taken	Grade
COS 190	Website Design	Fall	3		
CAPP 131	Integrated Business Applications	Spring	3		
CAPP 156	Computer Spreadsheets	Fall	3		
CAPP 158	Computer Database	Fall	3		
CAPP 166	Computer Operating Systems	Every	3		
CAPP 240	Graphic Design I	Fall	3		
Core 7 – CAPP, COS, PHOT Electives				20 Credits Required	
ANY	CAPP, COS, PHOT	Every	20		
PHOT 154	Digital Photography	Spring	3		
Total Core 6 & 7 Credits To Be Completed By Student			38		