AS in Computer Science (ASCS) Degree Worksheet — 2020-21 Catalog

Computer Science Transfer Core
5 courses

CS160	Computer Science Orientation ★	4
CS161	Computer Science I	4
CS162	Computer Science II	4
CS260	Data Structures	4
CS250	Discrete Structures I	4

Oral Communication
1 course - *COMM111 recommended*

COMM100	Basic Speech Communication ★	3
COMM111	Fundamentals of Public Speaking ★	4
COMM114	Argument and Critical Discourse	3
COMM115	Intercultural Communication ★	4
COMM218	Interpersonal Communication ★	4
COMM219	Small Group Communication	3

Science
Complete one 200-level lab science sequence:
Biology: BI211, BI212, and BI213; **or**
Chemistry: CH221, CH222, and CH223; **or**
Physics with Calculus: PH211, PH212, and PH213

_____ Credits:____

_____ Credits:____

_____ Credits:____

Computer Science Elective
3 courses

_____ Credits:_____

_____ Credits:_____

_____ Credits:_____

CS201	Computer Architecture & Assembly Programming	4
CS251	Discrete Structures II	4
CIS151	Introduction to Networks	4
CIS197CSP	Web Authoring: Client-Side Programming	3
CIS197HTM	Web Authoring: HTML5 and CSS3 ★	3
CIS279S	Windows Server OS	4
CIS284S	Preparation for Security+ ★	4
ISTM140L	Preparation for Linux ★	4
ISTM183C	Fundamentals of Cybersecurity	3
ISTM235MA	Mobile Apps 1: Intro to iOS Mobile App Dev.	3
ISTM283F	Practical Digital Forensics	3
ISTM284E	Ethical Hacking	3
ENGR201	Electrical Fundamentals I	5
ENGR248	Engineering Graphics: Solidworks	3
MTH243	Statistics I ★	4

> To build an academic plan with your adviser, log on to **my.mhcc.edu**, click on **Navigate**, then on **Planner**.

Mathematics
3 courses

MTH251	Differential Calculus	5
MTH252	Integral Calculus	5
MTH253	Calculus III (offered spring)	
	or MTH261 Linear Algebra (offered winter)	4

Written Communication
2 courses

WR121	English Composition ★	4
WR227	Technical Report Writing *(recommended)* **or** WR122 English Composition: Critical Thinking ★	4

Social Science
3 courses from 2+ disciplines, 9-12 credits

_____ Credits:____

_____ Credits:____

_____ Credits:____

Arts & Letters
3 courses from 2+ disciplines, 9-12 credits

_____ Credits:____

_____ Credits:____

_____ Credits:____

Please note that performing art and/or visual art may not transfer for Computer Science majors at several universities.

Health & Physical Education
3 credits – *HPE295 recommended*

_____ Credits:____

3 credit hours of PE185 may be granted toward an Associate degree at MHCC for completion of military basic training. A copy of the DD214 form or Joint Services Transcript is required.

This degree guide is to be used for informational purposes only and is not an official record of student progress toward degree completion. Please note: Courses may not be repeated for credit unless specified in the course description.

Up to 6 credits of PE185, 15 credits of IECC201, and 12 credits of Lower Division Collegiate Cooperative Education Internship may be applied as elective credits to the AS. Courses must be numbered 100 or higher.

For complete lists of course options in each category, please visit **catalog.mhcc.edu/degree-certificate-requirements/ascs**

Please verify university requirements at your chosen transfer school. To see how your MHCC credits may transfer to regional universities, visit **my.mhcc.edu**, click on **Student Services**, then click on **Transferring to a University**. To check your official progress toward graduation, log on to MyMHCC and click **View My Degree Audit**.

MT. HOOD COMMUNITY COLLEGE

★ *denotes courses that are regularly offered online.*