AS in Computer Science - Degree Worksheet

Computer Science Transfer Core

CS160	Computer Science Orientation ★	4
CS161	Computer Science I	4
CS162	Computer Science II	4
CS260	Data Structures	4
CS250	Discrete Structures	4
CS201	Computer Architecture & Assembly Programming	4
CS251	Discrete Structures	4
	University Computer Science Elective*	3-5

*University Computer Science Elective
Based on transfer school plans, choose one course not already completed:

Portland State University (PSU)
One science course in 2nd discipline	4-5

Oregon Tech (OIT)
WR227	Technical Report Writing ★	4

University of Portland (UP)
ENGR201	Electrical Fundamentals	5

Eastern Oregon University (EOU)
CIS197HTM	Web Authoring: HTML 5 and CSS3	3
Additional Social Science course		3-4

Oregon State University (OSU)
CIS197HTM	Web Authoring: HTML 5 and CSS3	3

Southern Oregon University (SOU), University of Oregon (UO), and Western Oregon University (WOU)
ISTM140L	Linux Fundamentals	4
ISTM183C	Fundamentals of CyberSecurity	3
ISTM284E	Ethical Hacking	3
CIS197CSP	Web Authoring: Client-Side Programming	3
CIS284S	Preparation for Security+	4
CIS279S	Windows Server OS	4
Additional Social Science course *(U of O only)*		3-4

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

Mathematics
3 courses

MTH251	Differential Calculus	5
MTH252	Integral Calculus	5
MTH253	Calculus III **or** MTH261 Linear Algebra	4

Social Science
3 courses, 9-12 credits

_____ Credits:____

_____ Credits:____

_____ Credits:____

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.

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:____

Written Communication
2 courses

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

Arts & Letters
3 courses, 9-12 credits

_____ Credits:____

_____ Credits:____

_____ Credits:____

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. Career-Technical courses do not courses do not apply.

Find approved Arts & Letters, Social Science, and Health & Physical Education options online at
catalog.mhcc.edu/degree-certificate-requirements/ascs

MT. HOOD COMMUNITY COLLEGE

★ *denotes courses that are regularly offered online.*