

Datatel Program Code	SCI.AS
COTC Major Number	004900
CIP Code	24.0101

In Autumn 2012, Central Ohio Technical College will convert from the Quarter system (4 quarters per academic year) to the Semester system (2 Semesters and 1 Summer Session per academic year). Students entering COTC in Summer 2011, Autumn 2011, Winter 2012, Spring 2012, or Summer 2012 will begin their program in Quarters.

COTC makes the following three guarantees to all students who will transition from the quarter system into the semester system:
1) No loss of academic progress; 2) No delay in time to degree completion/graduation; and 3) No increase in total tuition and fees expended for the degree system to the program.

If transitioning from the Quarter to the Semester system, please visit the COTC "Think Semesters" web page

(<http://www.cotc.edu/ThinkSemesters/Pages/default.aspx>)

regularly for updates and for important additional information.

Students should meet with their Academic Advisor to map out individual paths to their degree.

KEY:					
* Indicates this course has a prerequisite; please see the Course Description Section on the COTC Web Page					
** Indicates there will be no equivalent for this course in the Semester system; please see Academic Advisor					
The Associate of Science degree will be awarded to students whose transcripts reflects their having successfully completed the minimum number of credit hours from each discipline area (either in Quarter or Semester version) with courses in which students will have received a grade of C (2.00) or higher.					
2011-2012 Academic Year - Quarter Courses; 2012-2013 Academic Year - Semester Courses					
Course Name	Course Title	Course Credit Hours	Quarter(s) Course Offered	Equivalent Semester Course	Equivalent Semester Cr Hrs
ENGLISH COMPOSITION AND LITERATURE (11 QUARTER CREDIT HOURS REQUIRED)					
MUST COMPLETE ONE OF THE FOLLOWING COURSES:					
*COM-1535	COMPOSITION I OR	4.00	SM,AU,WI,SP	ENGL-110	3.00
*COM-1536	COMPOSITION II	4.00	SM,AU,WI,SP	ENGL-111	3.00
CHOOSE FROM THE FOLLOWING COURSES TO COMPLETE REQUIREMENT:					
*COM-1525	TECHNICAL WRITING	3.00	SM,AU,WI,SP	NONE**	-----
*COM 1534	EFFECTIVE COMMUNICATIONS	4.00	SM,AU,WI,SP	SPCH-100	3.00
*COM-1551	SURVEY OF AMERICAN LITERATURE I	4.00	WI	ENGL-211	3.00
*COM-1552	SURVEY OF AMERICAN LITERATURE II	4.00	SP	ENGL-212	3.00
*COM-1553	WRITING ABOUT LITERATURE	4.00	SM,AU,WI,SP	ENGL-215	3.00
*COM-1556	Survey of British Literature I	4.00	WI	ENGL-221	3.00
*COM-1557	Survey of British Literature II	4.00	SP	ENGL-222	3.00
SOCIAL AND BEHAVIORAL SCIENCES (15-17 QUARTER CREDIT HOURS REQUIRED)					
MUST COMPLETE THE FOLLOWING COURSE:					
BHS-1379	CULTURAL DIVERSITY	3.00	SM,AU,WI,SP	SOC-110	3.00
CHOOSE ONE OF THE FOLLOWING COURSES:					
*BHS-1376	GENERAL PSYCHOLOGY	5.00	SM,AU,WI,SP	PSYCH-100	3.00
BHS-1382	SOCIOLOGY	3.00	SM,AU,WI,SP	SOC-100	3.00
CHOOSE REMAINING HOURS FROM AMONG THE FOLLOWING COURSES TO COMPLETE THE REQUIREMENT:					
*BHS-1345	HUMAN DEVELOPMENT	5.00	SM,AU,WI,SP	PSYCH-210	3.00
*BHS-1370	SOCIAL PSYCHOLOGY	5.00	AU,WI	PSYCH-220	3.00
*BHS-1378	ABNORMAL PSYCHOLOGY	3.00	SM,AU,WI,SP	PSYCH-200	3.00
BHS-1385	ORGANIZATIONAL PSYCHOLOGY	3.00	AU	PSYCH-230	3.00
BMT-2025	MICROECONOMICS	4.00	SM,AU,WI,SP	ECON-105	3.00
HUM 5334	INTRODUCTION TO SOCIAL WORK	4.00	SM,AU,WI,SP	HUMSVS-100	3.00
*HUM 5344	SOCIAL WELFARE AND POLICY	4.00	AU,WI	HUMSVS-150	3.00
ARTS AND HUMANITIES (15 QUARTER CREDIT HOURS REQUIRED)					
MUST COMPLETE ONE OF THE FOLLOWING COURSES:					
*BHS-1006	CRITICAL THINKING OR	3.00	SM,AU,WI,SP	PHIL-100	3.00
*BHS-1340	ETHICS	3.00	SM,AU,WI,SP	PHIL-200	3.00
CHOOSE ONE OF THE FOLLOWING COURSES:					
*COM-1504	PUBLIC SPEAKING	3.00	SM,AU,WI,SP	SPCH-205	3.00
*COM-1523	SMALL GROUP COMMUNICATIONS	3.00	SM,AU,WI,SP	SPCH-210	3.00
<i>Additional Arts and Humanities Requirements Follow on the Next Page of this Plan.</i>					

The College Reserves the Right to Change Curricula Without Notice.

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2011-2012 Academic Year - Quarter Courses; 2012-2013 Academic Year - Semester Courses					
Course Name	Course Title	Course Credit Hours	Quarter(s) Course Offered	Equivalent Semester Course	Equivalent Semester Cr Hrs
ARTS AND HUMANITIES (15 QUARTER CREDIT HOURS REQUIRED)					
<i>(Requirements Continued from Page 1 of this Plan)</i>					
CHOOSE REMAINING HOURS FROM AMONG THE FOLLOWING COURSES TO COMPLETE THE REQUIREMENT:					
*COM-1551	SURVEY OF AMERICAN LITERATURE I	4.00	WI	ENGL-211	3.00
*COM-1552	SURVEY OF AMERICAN LITERATURE II	4.00	SP	ENGL-212	3.00
*COM-1553	WRITING ABOUT LITERATURE	4.00	SM,AU,WI,SP	ENGL-215	3.00
*COM-1556	Survey of British Literature I	4.00	WI	ENGL-221	3.00
*COM-1557	Survey of British Literature II	4.00	SP	ENGL-222	3.00
DDT-3718	ARCHITECTURE HISTORY SURVEY	3.00	SM,AU,WI,SP	ARCH-176	3.00
DMD-3822	DIGITAL PHOTOGRAPHY	3.00	SM,AU,WI,SP	DMD-105	3.00
DMD-3831	FUNDAMENTALS OF DRAWING	4.00	SM,AU,WI,SP	DMD-100	3.00
HIS-1330	U.S. HISTORY I: TO 1877	5.00	SM,AU,WI,SP	HIS-150	3.00
HIS-1331	U.S. HISTORY II: SINCE 1877	5.00	SM,AU,WI,SP	HIS-151	3.00
SCIENCES AND MATHEMATICS (MINIMUM 40 QUARTER CREDIT HOURS REQUIRED)					
Mathematics Choices					
MINIMUM 20 HOURS REQUIRED CHOSEN FROM THE FOLLOWING COURSES					
*MTH-1215	COLLEGE ALGEBRA	5.00	SM,AU,WI,SP	MATH-140	3.00
*MTH-1216	PRE-CALCULUS	5.00	SM,AU,WI,SP	MATH-150	3.00
*MTH-1218	STATISTICS	5.00	SM,AU,WI,SP	MATH-130	3.00
*MTH-1226	TRIGONOMETRY	5.00	SM,AU,WI,SP	MATH-110	3.00
*MTH-1232	INTRODUCTION TO CALCULUS	5.00	SM,AU,WI,SP	MATH-120	3.00
*MTH-1233	CALCULUS I	5.00	AU	Part of MATH-200	5.00
*MTH-1234	CALCULUS II	5.00	WI	Part of MATH-200 & MATH-210	5.00 & 5.00
*MTH-1235	CALCULUS III	5.00	SP	Part of MATH-210	5.00
Lab Science Choices					
MINIMUM 20 HOURS REQUIRED IN LAB SCIENCE COURSES TO INCLUDE: ONE BIOLOGY, ONE CHEMISTRY, ONE PHYSICS, AND ONE ADDITIONAL COURSE TO COMPLETE A TWO-COURSE SCIENCE SEQUENCE					
BIO-1730	ENVIRONMENTAL SCIENCE	5.00	SM,AU,WI,SP	BIO-105	4.00
*BIO-1740	GENERAL BIOLOGY	5.00	SM,AU,WI,SP	BIO-120	4.00
*BIO-1745	HUMAN BIOLOGY	5.00	SM,AU,WI,SP	BIO-121	4.00
*BIO-1755	MICROBIOLOGY	5.00	SM,AU,WI,SP	BIO-200	4.00
BIO 1764	HUMAN NUTRITION	3.00	SM,AU,WI,SP	BIO-115	3.00
*BIO-1772	HUMAN ANATOMY AND PHYSIOLOGY I	6.00	SM,AU,WI,SP	BIO-130	4.00
*BIO-1773	HUMAN ANATOMY AND PHYSIOLOGY II	6.00	SM,AU,WI,SP	BIO-131	4.00
*BIO 1778	PATHOPHYSIOLOGY I	3.00		Part of BIO-210	4.00
*BIO 1779	PATHOPHYSIOLOGY II	3.00		Part of BIO-210	4.00
*BIO-1780	BIOLOGY I	6.00	SM,AU,WI,SP	BIO-160	5.00
*BIO-1781	BIOLOGY II	6.00	SM,AU,WI,SP	BIO-161	5.00
CHM 1710	GENERAL ORGANIC CHEMISTRY	6.00	SM,AU,WI,SP	CHEM-101	4.00
*CHM-1713	GENERAL, ORGANIC AND BIOCHEMISTRY	6.00	SM,AU,WI,SP	CHEM-102	4.00
*CHM-1790	GENERAL CHEMISTRY I	5.00	SM,AU,WI,SP	Part of CHEM-110	5.00
*CHM 1791	GENERAL CHEMISTRY II	5.00	SM,AU,WI,SP	Part of CHEM-110 & CHEM-111	5.00 & 5.00
*CHM 1792	GENERAL CHEMISTRY III	5.00	SM,AU,WI,SP	Part of CHEM-111	5.00
*PHY-1721	GENERAL PHYSICS	5.00	SM,AU	PHYS-100	4.00
*PHY-1726	PHYSICS I: MECHANICS	5.00	SP	Part of PHYS-110	4.00
*PHY-1727	PHYSICS II: ELECTRICITY AND MAGNETISM	5.00	SP	Part of PHYS-111	4.00
*PHY-1728	PHYSICS III: HEAT, LIGHT, SOUND	5.00	SP	Part of PHYS-110 & PHYS-111	4.00 & 4.00
ELECTIVES (13 TO 33 HOURS REQUIRED)					
Electives pertaining to the Associate of Science Degree will be comprised of courses from the four discipline areas on the Plan of Study that are not counted toward the completion of an area requirement. For example, COM-1525 may count either for credit pertaining to the English Composition and Literature area or for elective credit, but not for both. Additional elective courses may be chosen from among the following:					
BIO-1760	MEDICAL TERMINOLOGY	2.00	SM,AU,WI,SP	BIO-110	2.00
BMT-2074	BUSINESS LAW TODAY	5.00	SM,AU,WI,SP	BUS-120	3.00
BMT-2464	PC APPLICATIONS FOR BUSINESS	4.00	SM,AU,WI,SP	BUS-125	3.00
*BMT-2483	ADVERTISING CONCEPTS AND PROCEDURES	3.00	SM,AU,WI,SP	Part of BUS-140	3.00

Central Ohio Technical College

2011-2012 Academic Year - Year 1 Quarters; Year 2 Semesters

Plan of Study for the Associate of Science Degree

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*DDT-3748	MATERIALS OF CONSTRUCTION	5.00	SM,AU,WI,SP	ARCH-168	3.00
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