

## TECHNOLOGY MANAGEMENT

### Technology Management, BAS

<b>Communications Area</b>		<b>6 Credit Hours</b>
ENC 1101	English Composition I	3
ENC 1102	English Composition II	3
<b>Humanities Area</b>		<b>9 Credit Hours</b>
Visual and Performing Arts (See General Education Requirements)		3
Philosophy/Religion (See General Education Requirements)		3
Literature (See General Education Requirements)		3
<b>Mathematics Area</b>		<b>6 Credit Hours</b>
Approved College-level Math (MAC/STA)		6
<b>Natural Sciences Area</b>		<b>6 Credit Hours</b>
Physical Science (See General Education Requirements)		3
Biological Science (See General Education Requirements)		3
<b>Social Sciences Area</b>		<b>9 Credit Hours</b>
Behavioral Sciences (See General Education Requirements)		3
History (See General Education Requirements)		3
Government (See General Education Requirements)		3
<b>Technical Area</b>		<b>30 Credit Hours</b>
CIS 2321	Systems Anal/Desig	3
CTS 1111	Linux+	3
CTS 1650	Network Fundamentals	3
COP 2700	Data Structure (SQL)	3
CGS 1103	Project Mgt Cncpts and Process	3
COP 2701	Database Design and Management	3
CTS 1120	Cmptr/Ntwk Sec (Sec+)	3
COP 1000	Intro Prgrm Logic	3
DIG 2100	Web Design I	3
CGS 1570	Microcomputer Applications	3
<b>Technology Managment Core Courses</b>		<b>36 Credit Hours</b>
MAN 3303	Prin Mgmt & Ldrshp	3
GEB 3213	Business Communication for PE	3
CGS 3092	Legal and Ethical Issues in IT	3
FIN 3400	Financial Mangmt	3
ISM 4318	Agile Project Management	3
ISM 4548	Web Analytics	3
MAN 4520	Qlt Mgmt Six Sigma	3
ISM 4302	Emerging Technologies	3
MAN 3503	Mngri Rsk Analysis	3
CIS 3083	Cloud Computing Foundations	3
ISM 4330	Info Security Policy Adm/Mgt	3
MAN 4900	Capstone Project	3
<b>Specialization in Software Development</b>		<b>15 Credit Hours</b>
COP 2250	Java Programming	3
COP 2840	Internet Programming	3
COP 3855	Advanced Web Animation JQUERY	3
CIS 4433	SecDevOps	3
COP 3834	Developing Websites PHP MySQL	3

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Specialization in Cybersecurity Management		15 Credit Hours
CTS 1390	Install Config Wndw Serv	3
CTS 1651	Rtr Tch-/Protocol & Concepts	3
ISM 4323	Network Security Management	3
CIS 4200	Penetration Testing	3
CIS 3122	Cybersecurity Analyst	3

Additional graduation requirements: Students must have fulfilled the requirement for the chosen major, earned a minimum of 25 percent of the total hours required for the degree in residence at Gulf Coast State College, fulfill the College Level Communication and Computational Skills Assessment requirements according to Florida Rule 6A#10.030, demonstrate foreign language competence, and be registered at Gulf Coast State College during the semester of graduation.

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• General Education Core. Students must complete at least one identified core course in each area of study—Communications, Humanities, Mathematics, Natural Sciences, and Social Sciences—as part of the general education course requirements.

+ Prerequisites and/or corequisites required. See course descriptions.

\* Minimum grade of "C" required.

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